



Machine Product Catalog

Collection of various brands of machines

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Website : <https://videojetagent.com/>

<https://bluehorsejet.com/>



1.WILLETT MACHINE.....	3
2.VIDEOJET MACHINE	8
3.DOMINO MACHINE	50
4.CITRONIX MACHINE.....	67
5.LMAJE MACHINE	71
6.LINX MACHINE	82
7.HITACHI MACHINE	94
8. ZANASI MACHINE.....	99
9.CHEEF MACHINE.....	101



WILLETT

620



Line speed capability

Can print 1 to 2 lines at speeds of up to:

Single line max speed = 130 m/min

Twin line max speed = 50m/min

Font matrix configuration

1line: 5x5; 7x5; 9x7; 12x9; 12x 12; 16x 12;

2lines: 5x5; 7x5; 9x7; 12x9; 12x 12

Nominal character height

Print height shall be fixed and based on the selected font in range from 2mm to 7.5mm

Throw distance

5- 15mm with the print quality optimized for 12mm

User interface

T TFT-LCD touch screen with easy operability and fewer steps to input codes

Character sets

Simplified & Traditional Chinese and Latin characters

Languages and interface options

Simplified & Traditional Chinese and English

Data interface

USB 2.0

Message storage

Up to 15 messages

Environmental protection

IP43 standard; no plant air required; stainless steel cabinet

Printhead

Heated printhead

Nozzle size: 60 micron

Printhead umbilical

Ultra flexible, MEK resistant

Length: 2m

Fluids containers

Ink Smart Cartridge™ 750ml

Make-up Smart Cartridge™ 750ml

Temperature/humidity range

5°C to 45°C

10% to 90% RH non-condensing

Electrical requirements

Nominal supply power 100- 120/ 200-240 VAC at 50/60 Hz., 60W nominal

Approximate weight

15kg



WILLET T 630



Line speed

Up to 482fpm (150 m/min) for 1-3line printing (10 character/inch, single-line printing)

Optional matrix

Single line: 5 × 5, 5 × 7, 7 × 9, 12 × 16, 16 × 16 (Chinese character)

Double lines: 5 × 5, 5 × 7

Three lines: 5 × 5, 5 × 7

Nominal character height

Optional from 2mm to 7.5mm, depending on the format

Printing distance

Best: 12mm

Range: 5mm – 15mm

Keypad

Diaphragm type with touch screen feedback, including 72 letters, numbers and keys of special function. PC style arrangement.

Display

320×240 Bright blue backlit 5.7" display

WYSWYG screen message editing

Customer marks/patterns

Creating on the printer or computer by every customer is achievable

Character setup

English, Simplified Chinese

Language and interface option

Message storage

50 complicated messages, limitless storage with USB

Standard USB with mark and memory backup function

IP Rating

IP43: stainless steel cabinet

Nozzle

Heated nozzle

Diameter: 1.6" (41.3mm)

Length: 9.5" (241.0mm)

Printhead umbilical

Ultra-flexibility

Length: 6.56' (2m)

Diameter: 0.91" (23mm)

Bending radius: 3.00' (76.2mm)

Ink and solvent tank

Ink smart cartridge: 0.793 qt (750ml)

Solvent smart cartridge: 0.793 qt (750ml)

Temperature range

41°F~ 113°F (5°C – 45°C)

Electrical requirements

Nominal power: 100- 120/ 200-240VAC, 50/60Hz, 90W

Approximate weight

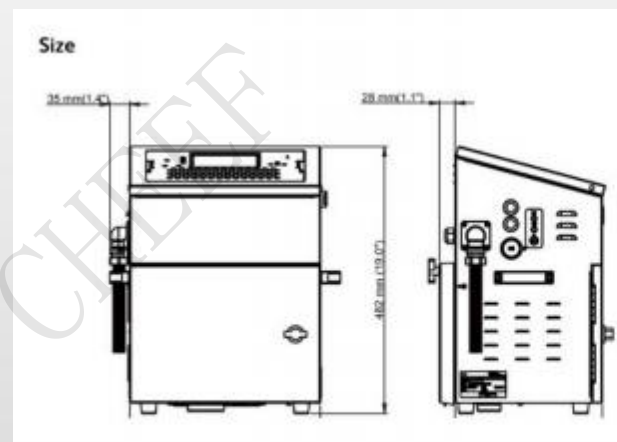
Dry weight without package: 35.28 lbs. (16kg)

Options

Electric eye interface, Shaft encoder interface

9.8inch (3m) printhead umbilical

60 or 70 micron nozzle



WILLET T 640



Simple to maintain

- 9,000-hour core life
- No mess, no waste, no mistake fluid cartridge delivery system

Advanced capabilities

- Up to 1- 3 lines of code with speeds up to 492 ft./min.(150 m/min.)(10 characters per inch, single line of print)

Font Matrix Configuration

Single-line: 5x5, 5x7, 7x9, 12x 16, 16x 16

Twin-line: 5x5, 5x7

Tri-line: 5x5, 5x7

Nominal Character Height

Selectable from(2 mm) to (7.5 mm), depending on font

Optimal: 0.472" (12 mm)

Range: 0. 197" (5 mm) to 0.591" (15 mm)

Keyboard

Membrane style with tactile feedback, including 72 numeric, alphabetic, and special

function keys. PC-style layout to approximate international PC convention.

Display

320x240 Bright blue backlit 5.7" LCD display. WYSIWYG onscreen message editing

Custom Logo/Graphics

Can be created by individual user on printer or PC with optional Videojet Logo Creator software

Language and screen: English and Chinese

Information storage: 50 complex information. Uses USB unrestricted storage.

Standard USB with

logo and memory backup

Superior environmental protection

- IP43 washdown protection standard

Printhead

Heated printhead

Diameter: 1.63" (41.3 mm)

Length: 9.47" (240.5 mm)

Fluids Containers

Ink Smart Cartridge™ 0.793 qt. (750 ml)

Make-up Smart Cartridge 0.793 qt. (750 ml)

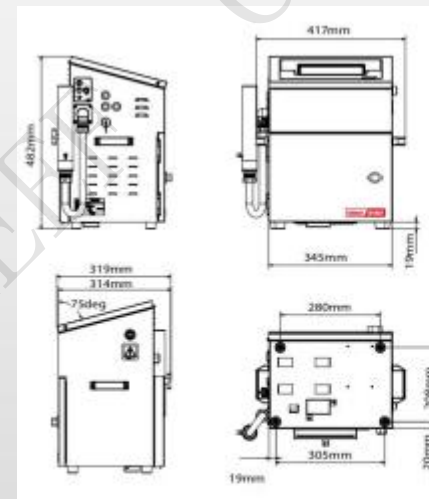
Electrical Requirements

Nominal supply power 100- 120 / 200-240 VAC at 50/60 Hz., 90 W

Approximate Weight

Unpacked and dry: 39.68 lbs. (18 kg)

- Optional: electrical eye interface, shaft encoder interface; 9.8 feet (3m) throat; 60 or 70 micron nozzle



WILLETT 660



Line speed capability

Can print 1 to 4 lines of print at speeds of up to 532fpm (162mpm) (10 characters per inch, single line of print)

Font matrix configuration

Single-line: 5x5, 5x7, 7x9, 12x 12, 12x 16, 16x24, 24X24

Twin-line: 5x5, 5x7, 7x9, 12x 12

Tri-line: 5x5, 5x7, 7x9

Quad-line: 5x5, 5x7

Linear bar codes

UPC A&E, EAN 8 & 13, Code 128 A, B & C, UCC/EAN 128, Code 39,

Interleaved 2 of 5, 2D DataMatrix, GS1

Custom logo/graphics

Can be imported from USB

Nominal character height

Selectable from 2mm to 12mm, depending on font

Throw distance

Optimal: 12mm

Range: 5mm to 15mm

User interface

8" high-response TFT-LCD screen editing

Character sets

English, Simplified Chinese,

Traditional Chinese

Language and interface option

Input/output

Product detect input

Encoder input

Beacon (Alarm light) output

RS232

USB

WYSIWIG touch to edit message

Message storage

100 complicated messages,

limitless storage with USB

Environmental protection

IP54, no plant air required,

stainless steel cabinet

Printhead

Heated

60μ or 70μ nozzle

Diameter: 41.3mm

Length: 240.6mm

Printhead umbilical

Ultra flexible

Length: 2m, optional 3m

Fluids containers

Ink and Make-up

Smart Cartridge™ 750ml

Temperature/humidity range

5°C to 45°C

10% to 90% RH non-condensing

Electrical requirements

Nominal supply power 100-240

VAC at 50/60Hz, 60W

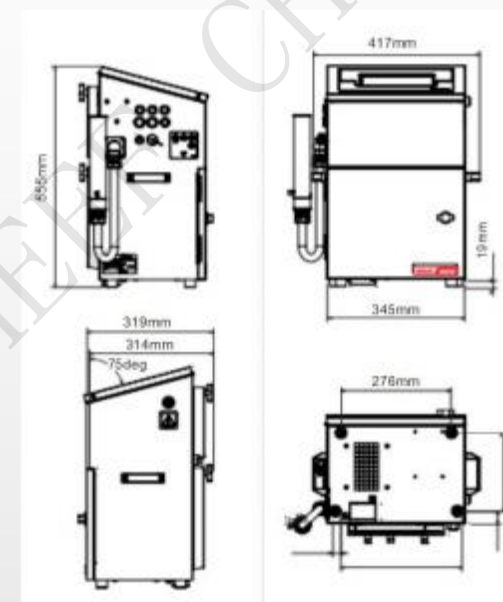
Approximate weight

Unpacked and dry: 16kg

Options

Air dry kit

Wide range of accessories



VIDEOJET 1210



Line Speed Capability

Can print 1 to 3 lines of print at speeds of up to 533 ft./min.
(162.5 m/min.) (10 characters per inch, single line of print)

Font Matrix Configuration

Single-line: 5x5, 5x7, 7x9, 11x 16, 17x24

Twin-line: 5x5, 5x7, 7x9

Tri-line: 5x5, 5x7

Nominal Character Height

Selectable from 0.079" (2 mm) to 0.279" (8.5 mm), depending on font
Throw Distance

Optimal: 0.472" (12 mm)

Range: 0.197" (5 mm) to 0.591" (15 mm)

Keyboard

Membrane style with tactile feedback, including 72 numeric, alphabetic, and special function keys. PC-style layout to approximate international PC convention.

Display

320x240 Bright blue backlit 5.7" LCD display.

WYSIWYG onscreen message editing

Custom Logo/Graphics

Can be created by individual user on printer or PC with optional Videojet Logo Creator software

Character Sets

American, Arabic, Bulgarian, Chinese, East European, European, Greek, Hebrew, Hungarian, Italian, Japanese, Japanese/Kanji, Japanese/Katakana, Korean, Russian, Simplified Chinese, Scandinavian, Thai, Traditional Chinese, Turkish, Vietnamese

Languages and Interface Options

English, Arabic, Bulgarian, Czech, Danish, Dutch, Finnish, French, German, Greek, Hebrew, Hungarian, Italian, Japanese, Korean, Norwegian, Polish, Portuguese, Russian, Simplified Chinese, Spanish, Swedish, Thai, Traditional Chinese, Turkish and Vietnamese

Message Storage

100 complex messages. Unlimited storage using USB.

Standard USB with logo and memory backup features

Console Dimensions

Stainless steel

21.3" (541 mm) high

13.6" (345 mm) wide

11.2" (285 mm) deep

Environmental Protection

IP55

Printhead

Heated printhead

Diameter: 1.6" (41.3 mm)

Length: 9.5" (241.0 mm)

Printhead Umbilical

Ultra flexible

Length: 6.56' (2 m)

Diameter: 0.91" (23 mm)

Bend radius: 3.00" (76.2 mm)

Fluids Containers

Ink Smart Cartridge™

0.793 qt. (750 ml)

Make-up Smart Cartridge 0.793 qt. (750 ml)

Temperature/Humidity Range

41°F to 113°F (5°C to 45°C)

0% to 90% RH non-condensing

Electrical Requirements

Nominal supply power 100- 120 / 200-240 VAC at 50/60 Hz., 120 W

Approximate Weight

Unpacked and dry: 39.68 lbs. (18 kg)

Options

Positive air pump

Dry air kit for high humidity (requires plant air)

Product detect, relay, RS 485 expansion board

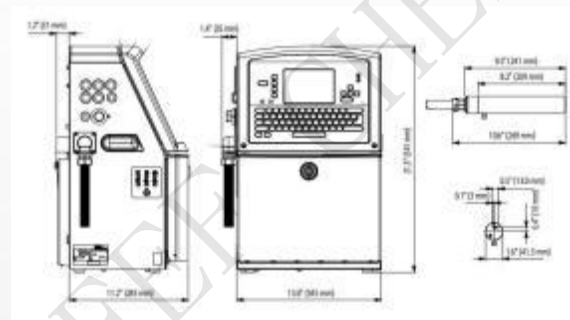
RS232, encoder, beacon expansion board

9.8-foot (3 m) umbilical

Food grade version

90 degree printhead

Wide range of accessories



VIDEOJET 1220



Line speed capability

Can print 1 to 5 lines of print at speeds of up to 533 fpm (162.5mpm)
(10 characters per inch, single line of print)

Font matrix configuration

Single-line: 5x5, 5x7, 7x9, 8x 12, 11x 16, 17x24, 25x34

Twin-line: 5x5, 5x7, 7x9, 8x 12, 11x 16

Tri-line: 5x5, 5x7, 7x9

Quad-line: 5x5, 5x7

Five-line: 5x5

Linear bar codes

UPC A&E; EAN 8 & 13; Code 128 A, B & C;

UCC/EAN 128; Code 39; Code 93; Interleaved 2 of 5

DataMatrix codes

10x 10, 12x 12, 14x 14, 16x 16, 18x 18, 20x20, 24x24, 34x34

Nominal character height

Selectable from 0.079" (2mm) to 0.40" (10mm), depending on font

Throw distance

Optimal: 0.472" (12mm)

Range: 0. 197" (5mm) to 0.591" (15mm)

Keyboard

Membrane style with tactile feedback, including 72 numeric, alphabetic, and special function keys. PC-style layout to approximate international PC convention.

Display

320x240 Bright blue backlit 5.7" LCD display.

WYSIWYG onscreen message editing

Custom logo/graphics

Can be created by individual user on printer or PC with optional Videojet Logo Creator software

Character sets

American, Arabic, Bulgarian, Chinese, East European, European, Greek, Hebrew, Hungarian, Italian, Japanese, Japanese/Kanji, Japanese/Katakana, Korean, Russian, Simplified Chinese, Scandinavian, Thai, Traditional Chinese, Turkish, Vietnamese

Languages and interface options

English, Arabic, Bulgarian, Czech, Danish, Dutch, Finnish, French, German, Greek, Hebrew, Hungarian, Italian, Japanese, Korean, Norwegian, Polish, Portuguese, Russian, Simple Chinese, Spanish, Swedish, Thai, Traditional Chinese, Turkish and Vietnamese

Message storage

100 complex messages; unlimited storage using USB

Standard USB with logo and memory backup features

Environmental protection

IP55; stainless steel cabinet

Printhead

Heated printhead

Diameter: 1.6" (41.3mm)

Length: 9.5" (241.0mm)

Printhead umbilical

Ultra flexible

Length: 6.56' (2m)

Diameter: 0.91" (23mm)

Bend radius: 4.0" (101.6mm)

Make-up fluid consumption

As low as 2.4ml per hour

Fluids containers

Ink Smart Cartridge™ 0.793 qt. (750ml)

Make-Up Smart Cartridge 0.793 qt. (750ml)

Temperature/humidity range

32°F to 122°F (0°C to 50°C)

0% to 90% RH non-condensing

With selected inks; actual installation may require additional hardware based on production environment conditions

Electrical requirements

Nominal supply power 100- 120 / 200-240 VAC at 50/60 Hz., 120 W

Approximate weight

Unpacked and dry: 39.68lbs. (18kg)

Options

Positive air pump

Dry air kit for high humidity (requires plant air)

Product detect, relay, RS 485 expansion board

RS232, encoder, beacon expansion board

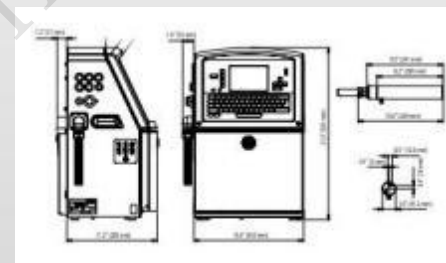
9.8-foot (3 m) umbilical

60 or 70 micron nozzle

Food grade version

90 degree printhead

Wide range of accessories



VIDEOJET 1240



Line Speed Capability

Can print 1 to 5 lines at 162 mpm (553 fpm)

(10 characters per inch, single line print)

font matrix configuration

Single row: 5x5, 5x7, 5X7 tower, 7x9, 9x 12, 10x 16, 16x24, 25x34

Double row: 5x5, 5x7, 7x9, 9x 12, 10x 16

Three rows: 5x5, 5x7, 7x9

Four rows: 5x5, 5x7

Five elements: 5x5

Linear barcode

UPC A&E; EAN 8 & 13; Code 128 A, B & C; UCC/EAN 128;

Code 39; I25 code; 2D DataMatrix; GS1

QR code

21x21, 25x25, 29x29, 33x33

Error correction mode L, M, Q or H

DataMatrix encoding

Square format has a maximum size of 32x32; rectangle format has a maximum size of 16x48

Nominal character height

Choices: From 2 mm (0.079") to 10 mm (0.40") depending on the font height

Printing distance

Best distance: 12 mm (0.472")

Range: 5 mm (0. 197") to 15 mm (0.591")

User Interface

8" high sensitivity TFT LCD touch screen

WYSIWYG touchscreen editable message

Custom Logo/Graphics

Can be created with optional CLARISOFT™ software*

character set

Chinese, Russian/Bulgarian, Turkish/Scandinavian, Romanian, Greek,

Arabic, Japanese/Kanji, Faroese, Hebrew, Icelandic, Korean, Eastern European,

European languages/American English and Vietnamese

Language and interface options

English, Arabic, Bulgarian, Czech, Danish, Dutch, Finnish, French,

German, Greek, Hebrew, Hungarian, Italian, Japanese, Korean, Norwegian,

Polish, Portuguese, Russian, Simplified Chinese, Spanish, Swedish, Thai,

Traditional Chinese,

Turkish and Vietnamese

input Output

Product detection input

Shaft encoder input

Signal light (alarm indicator) output

relay output

USB 2.0 (2x)

Ethernet LAN™

information storage

250+ complex messages

Protection class

IP55 rated, no factory air required; stainless steel enclosure

sprinkler

heated sprinkler

Positive pressure air, no factory air supply required (optional)

Diameter: 41.3 mm (1.63")

Length: 269.8 mm (10.62")

Nozzle throat

super flexible

Length: 2 m (6.56')

Diameter: 23 mm (0.91")

Bend Radius: 101.6 mm (4.0")

Cartridge/Solvent Cartridge

Cartridge/Solvent Cartridge Smart Cartridge™ 750 ml (0.793 qt.)

temperature/humidity range

0 °C to 50 °C (32 °F to 122 °F)

0% to 90% RH non-condensing

Use selected inks; depending on production environmental conditions,

Actual installation may require additional hardware

Electrical requirements

Rated Power 100-240 VAC, 50/60 Hz, 50 W

Approximate weight

Unpackaged dry weight: 17.9 kg (39.5 lbs)

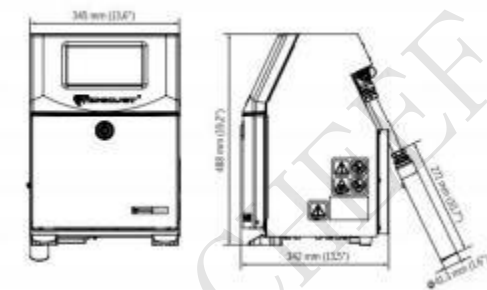
Options

Dry air kit for high humidity environments (requires factory air)

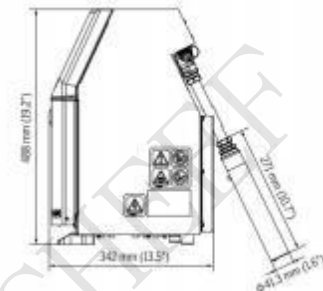
RS232 Connector Kit (USB to Serial DIN-5 Male)

SIMPLICITY™ Workflow Module

Various accessories



VIDEOJET 1280



Line speed capability

Can print 1 to 5 lines of print at speeds of up to 533fpm (162mpm)
(10 characters per inch, single line of print)

Font matrix configuration

Single-line: 5X5, 5x7, 5X7 Tower, 7x9, 9x 12, 10x 16, 16x24, 25x34

Twin-line: 5x5, 5x7, 7x9, 9x 12, 10x 16

Tri-line: 5x5, 5x7, 7x9

Quad-line: 5x5, 5x7

Five-line: 5x5

Linear bar codes

UPC A&E; EAN 8 & 13; Code 128 A, B & C; UCC/EAN 128;
Code 39; Interleaved 2 of 5; GS1

QR codes

21x21, 25x25, 29x29, 33x33

Error correction mode L, M, Q or H

DataMatrix codes

Square Form up to 32x32; Rectangular Form up to 16x48

Nominal character height

Selectable from 0.079" (2mm) to 0.40" (10mm), depending on font

Throw distance

Optimal: 0.472" (12mm)

Range: 0. 197" (5mm) to 0.591" (15mm)

User interface

8" high-response TFT-LCD touch screen

WYSIWYG touch to edit message editing

Custom logo/graphics

Can be created via optional CLARiSOFT™ software*

Character sets

Chinese, Russian/Bulgarian, Turkish/Scandinavian, Romanian, Greek, Arabic,
Japanese/Kanji, Faroese, Hebrew, Icelandic, Korean, East European,
European/American
and Vietnamese

Languages and interface options

English, Arabic, Bulgarian, Czech, Danish, Dutch, Finnish, French, German,
Greek,

Hebrew, Hungarian, Italian, Japanese, Korean, Norwegian, Polish, Portuguese,
Russian, Serbian, Simple Chinese, Spanish, Swedish, Thai, Traditional Chinese,
Turkish

and Vietnamese

Input/output

Product detect input

Encoder input

Beacon (Alarm light) output

Relay output

USB 2.0 (2x)

Ethernet LAN™

Message storage

More than 250 complex messages

Environmental protection

IP55 standard, no plant air required, stainless steel cabinet

Printhead

Heated printhead

Diameter: 1.63" (41.3mm)

Length: 10.62" (269.8mm)

Printhead umbilical

Ultra flexible

Length: 6.56' (2m)

Diameter: 0.91" (23mm)

Bend radius: 4.0" (101.6mm)

Fluids containers

Ink and Make-up Smart Cartridge™ 0.793 qt. (750ml)

Temperature/humidity range

32°F to 122°F (0°C to 50°C)

0% to 90% RH non-condensing

With selected inks; actual installation may require additional hardware
based on production environment conditions

Electrical requirements

Nominal supply power 100-240 VAC at 50/60 Hz, 70W

Approximate weight

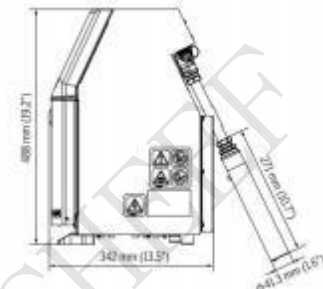
Unpacked and dry: 39.5lbs (17.9kg)

Options

Dry air kit for high humidity and harsh environments (requires plant air)

Wide range of accessories

VIDEOJET 1330



Linear velocity: The number of spray-code lines is up to 3, and the single-line speed is up to 59m/min (193 ft/min).

Optional lattice :

5 x 5、 7 x 5、 7 x 9、 16 x 16、 24 x 16、 24 x 24

Protection grade :

I P55

The character height: It can be selected between 0.079* (2mm) ~0.279* (8.5mm) according to the font lattice

Nozzle:

Nozzle diameter: 1.63* (41.3mm) length: 9.5* (241.0mm) nozzle 60um(standard), 70um (optional)

Spray print distance:

Best printing distance: 0.472* (12mm) range: 0. 197* (5mm)~0.591*(15mm)

Throat: Height toughness length: 6.56* (2m) diameter: 0.91* (23mm) bending radius: 3.00* (76.2mm)

The keyboard: Standard computer keyboard, including 72 number keys, letter keys and special function keys

Display: 320 x 240 bright blue 5.7* LCD, wysiwyg display edit information

Temperature/humidity range :

41°F~ 113°F (5 ° c ~45 ° c) relative humidity 0%~90%, no condensation

Electrical requirements:

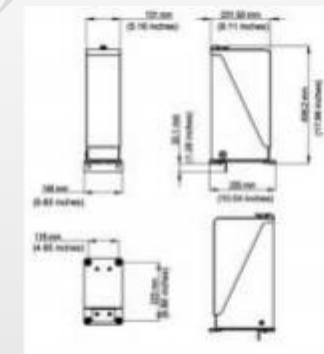
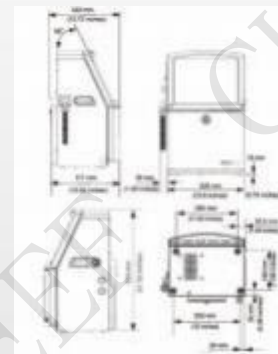
Power supply: 100- 120/200-240vac, 50/60hz, 120W

The weight :

Unpacked net weight: 18(Kg) 5L system: 7.5 (Kg)

Language and interface optional:

Simplified Chinese, traditional Chinese, Japanese, Korean, Thai, Arabic, English, Bulgarian, French, Spanish, Italian, etc



VIDEOJET 1510



Line Speed Capability

Can print 1 to 5 lines of print at speeds of up to 914 ft./min. (278.6 m/min.) (10 characters per inch, single line of print)

Font Matrix Configuration

Single-line: 5x5, 5x7, 7x9, 8x 12, 11x 16, 17x24, 34x34

Twin-line: 5x5, 5x7, 7x9, 8x 12, 11x 16

Tri-line: 5x5, 5x7, 7x9

Quad-line: 5x5, 5x7

Five-line: 5x5

Linear Bar Codes

UPC A&E; EAN 8 & 13; Code 128 A, B & C;

UCC/EAN 128; Code 39; Code 93; Interleaved 2 of 5

DataMatrix Codes

10x 10, 12x 12, 14x 14, 16x 16, 18x 18, 20x20, 24x24, 34x34

Nominal Character Height

Selectable from 0.079" (2 mm) to 0.40" (10 mm), depending on font

Throw Distance

Optimal: 0.472" (12 mm)

Range: 0.197" (5 mm) to 0.591" (15 mm)

Keyboard

Membrane style with tactile feedback, including 72 numeric, alphabetic, and special function keys. PC-style layout to approximate international PC convention.

Display

320x240 Bright blue backlit 5.7" LCD display.

WYSIWYG onscreen message editing

Custom Logo/Graphics

Can be created by individual user on printer or PC with optional Videojet

Logo Creator software

Character Sets

Chinese, Russian/Bulgarian, Turkish/Scandinavian, Greek, Arabic, Japanese/Kanji, Hebrew, Korean, East European and European/American

Languages and Interface Options

English, Arabic, Bulgarian, Czech, Danish, Dutch, Finnish, French,

German, Greek, Hebrew, Hungarian, Italian, Japanese, Korean,

Norwegian, Polish, Portuguese, Russian, Simple Chinese, Spanish,

Swedish, Thai, Traditional Chinese, Turkish and Vietnamese

Data Interface

Connector™ via RS232, RS 485, and Ethernet (standard)

Message Storage

100 complex messages. Unlimited storage using USB.

Console Dimensions

Stainless steel

21.3" (541 mm) high

13.6" (345 mm) wide

11.2" (285 mm) deep

Environmental Protection

IP55 (IP65 option, no plant air required)

Printhead

Heated printhead

Positive air (standard)

Diameter: 1.6" (41.3 mm)

Length: 9.5" (241.0 mm)

Printhead Umbilical

Ultra flexible

Length: 9.84' (3 m) optional 19.69' (6 m)

Diameter: 0.91" (23 mm)

Bend radius: 3.00" (76.2 mm)

Fluids Containers

Ink Smart Cartridge™

0.793 qt. (750 ml)

Make-up Smart Cartridge 0.793 qt. (750 ml)

Temperature/Humidity Range

41°F to 113°F (5°C to 45°C)

0% to 90% RH non-condensing

Electrical Requirements

Nominal supply power 100- 120 / 200-240 VAC at 50/60 Hz., 120 W

Approximate Weight

Unpacked and dry: 39.68 lbs. (18 kg)

Options

IP65 (no plant air required)

Dry air kit for high humidity (requires plant air)

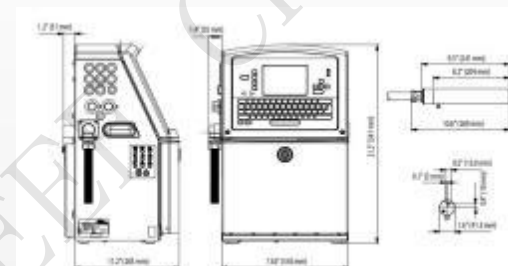
Expanded I/O for remote message select and reverse print

60 micron nozzle

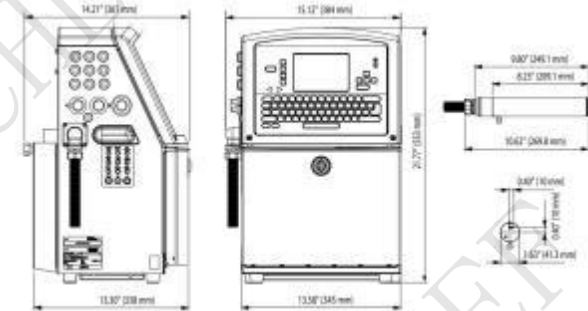
Food grade version

90 degree printhead

Wide range of accessories



VIDEOJET 1520



Line Speed Capability

Can print 1 to 5 lines of print at speeds of up to 914 ft./min. (278.6 m/min.) (10 characters per inch, single line of print)

Font Matrix Configuration

Single-line: 5x5, 5x7, 7x9, 8x 12, 11x 16, 17x24, 34x34

Twin-line: 5x5, 5x7, 7x9, 8x 12, 11x 16

Tri-line: 5x5, 5x7, 7x9

Quad-line: 5x5, 5x7

Five-line: 5x5

Linear Bar Codes

UPC A&E; EAN 8 & 13; Code 128 A, B & C;

UCC/EAN 128; Code 39; Code 93; Interleaved 2 of 5

DataMatrix Codes

10x 10, 12x 12, 14x 14, 16x 16, 18x 18, 20x20, 24x24, 34x34

Nominal Character Height

Selectable from 0.079" (2 mm) to 0.40" (10 mm), depending on font

Throw Distance

Optimal: 0.472" (12 mm)

Range: 0.197" (5 mm) to 0.591" (15 mm)

Keyboard

Membrane style with tactile feedback, including 72 numeric, alphabetic, and special function keys. PC-style layout to approximate international PC convention.

Display

320x240 Bright blue backlit 5.7" LCD display.

WYSIWYG onscreen message editing

Custom Logo/Graphics

Can be created by individual user on printer or PC with optional Videojet

Logo Creator software

Character Sets

Chinese, Russian/Bulgarian, Turkish/Scandinavian, Greek, Arabic, Japanese/Kanji, Hebrew, Korean, East European and European/American

Languages and Interface Options

English, Arabic, Bulgarian, Czech, Danish, Dutch, Finnish, French, German, Greek, Hebrew, Hungarian, Italian, Japanese, Korean, Norwegian, Polish, Portuguese, Russian, Simple Chinese, Spanish, Swedish, Thai, Traditional Chinese, Turkish and Vietnamese

Data Interface

RS232, RS485 and ethernet (standard)

Clarisoft/Clarinet®

via RS232 and ethernet

Message management via USB

Message Storage

100 complex messages

Environmental Protection

IP55 (IP65 option, no plant air required); stainless steel cabinet

Printhead

Heated printhead

Positive air (standard)

Diameter: 1.63" (41.3 mm)

Length: 10.62" (269.8 mm)

Printhead Umbilical

Ultra flexible

Length: 9.84' (3 m) optional 19.69' (6 m)

Diameter: 0.91" (23 mm)

Bend radius: 3.00" (76.2 mm)

Make-Up Fluid Consumption

As low as 2.4 ml per hour

Fluids Containers

Ink Smart Cartridge™

0.793 qt. (750 ml)

Make-up Smart Cartridge 0.793 qt. (750 ml)

Temperature/Humidity Range

32°F to 122°F (0°C to 50°C)

0% to 90% RH non-condensing

With selected inks; actual installation may require additional hardware

based on production environment conditions

Electrical Requirements

Nominal supply power 100- 120 / 200-240 VAC at 50/60 Hz., 120 W

Approximate Weight

Unpacked and dry: 46.2 lbs. (21 kg)

Options

IP65 (no plant air required)

Dry air kit for high humidity (requires plant air)

Expanded I/O for remote message select and reverse print

60 or 70 micron nozzle

Food grade version

90 degree printhead

Wide range of accessories

VIDEOJET 1530



Line speed capability

Can print 1 to 5 lines of print at speeds of up to 914 ft./min. (278.6 m/min.) (10 characters per inch, single line of print)

Font matrix configuration

Single-line: 5x5, 5x7, 7x9, 9x 12, 10x 16, 16x24, 25x34

Twin-line: 5x5, 5x7, 7x9, 9x 12, 10x 16

Tri-line: 5x5, 5x7, 7x9

Quad-line: 5x5, 5x7

Five-line: 5x5

Linear bar codes

UPC A&E; EAN 8 & 13; Code 128 A, B & C;

UCC/EAN 128; Code 39; Interleaved 2 of 5

DataMatrix codes

10x 10, 12x 12, 14x 14, 16x 16, 18x 18, 20x20, 24x24, 34x34

Nominal character height

Selectable from 0.079" (2 mm) to 0.40" (10 mm), depending on font

Throw distance

Optimal: 0.472" (12 mm)

Range: 0.197" (5 mm) to 0.591" (15 mm)

Keyboard

Membrane style with tactile feedback, including 72 numeric, alphabetic, and special

function keys. PC-style layout to approximate international PC convention.

Display

320x240 Bright blue backlit 5.7" LCD display

WYSIWYG onscreen message editing

Custom logo/graphics

Can be created directly on printer or PC with optional Videojet Logo Creator software

Character sets

Chinese, Russian/Bulgarian, Turkish/Scandinavian, Greek, Arabic, Japanese/Kanji, Hebrew, Korean, East European and European/American

Languages and interface options

English, German, French, Italian, Spanish, Dutch, Portuguese, Polish, Turkish

Willett Simple Interface (WSI)

Data interface

RS232, RS485 and ethernet (standard)

Clarisoft/Clarinet® via RS232 and ethernet

Message management via USB

Message storage

100 complex messages; unlimited storage using USB

Environmental protection

IP55 (IP65 option); no plant air required; stainless steel cabinet

Printhead

Heated printhead

Positive air (standard)

Diameter: 1.63" (41.3 mm)

Length: 10.62" (269.8 mm)

Printhead umbilical

Ultra flexible

Length: 9.84' (3 m) optional 19.69' (6 m)

Diameter: 0.91" (23 mm)

Bend radius: 4.0" (101.6 mm)

Make-up fluid consumption

As low as 2.4 ml per hour

Fluids containers

Ink Smart Cartridge™ 0.793 qt. (750 ml)

Make-up Smart Cartridge 0.793 qt. (750 ml)

Temperature/humidity range

32°F to 122°F (0°C to 50°C)

10% to 90% RH non-condensing

With selected inks; actual installation may require additional hardware based on production environment conditions

Electrical requirements

Nominal supply power 100- 120 / 200-240 VAC at 50/60 Hz., 120 W

Approximate weight

Unpacked and dry: 46.2 lbs. (21 kg)

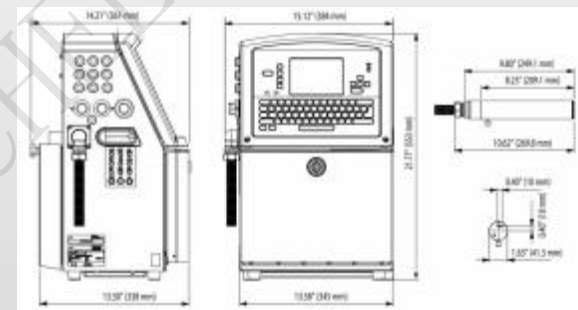
Options

Dry air kit for high humidity (requires plant air)

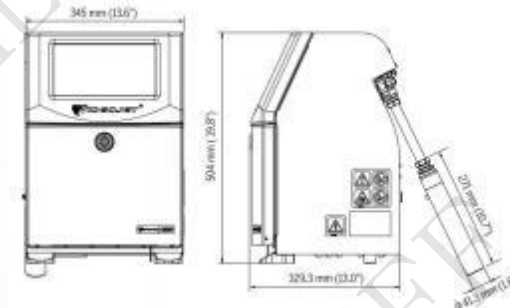
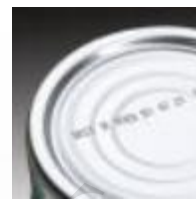
60 or 70 micron nozzle

90 degree printhead

Wide range of accessories



VIDEOJET 1580



Line speed capability

Can print 1 to 5 lines of print at speeds of up to 960fpm (293mpm)
(10 characters per inch, single line of print)

Font matrix configuration

Single-line: 5x5, 4x7, 5x7, 7x9, 9x 12, 10x 16, 16x24, 25x34

Twin-line: 5x5, 5x7, 7x9, 9x 12, 10x 16

Tri-line: 5x5, 4x7, 5x7, 7x9

Quad-line: 5x5, 4x7, 5x7

Five-line: 5x5

Linear bar codes

UPC A&E; EAN 8 & 13; Code 128 A, B & C; UCC/EAN 128;
Code 39; Interleaved 2 of 5; 2D DataMatrix; GS1

DataMatrix codes

10x 10, 12x 12, 14x 14, 16x 16, 8x 18, 18x 18, 20x20, 22x22, 24x24, 16x26, 26x26,
8x32, 32x32, 34x34, 12x36, 16x36, 16x48

Nominal character height

Selectable from 0.079" (2mm) to 0.40" (10mm), depending on font

Throw distance

Optimal: 0.472" (12mm)

Range: 0. 197" (5mm) to 0.591" (15mm)

User interface

10.4" high-response TFT-LCD touch screen

WYSIWYG touch to edit message editing

Custom logo/graphics

Can be created via optional CLARISOFT™ software*

Character sets

Chinese, Russian/Bulgarian, Turkish/Scandinavian, Romanian, Greek, Arabic,
Japanese/Kanji, Hebrew, Korean, East European and European/American
Languages and interface options

English, Arabic, Bulgarian, Czech, Danish, Dutch, Finnish, French, German,
Greek,

Hebrew, Hungarian, Italian, Japanese, Korean, Norwegian, Polish, Portuguese,
Russian,

Simple Chinese, Spanish, Swedish, Thai, Traditional Chinese, Turkish and
Vietnamese

Input/output

Product detect input

Encoder input

Beacon (Alarm light) output

Relay output

USB 2.0 (2x)

Ethernet LAN™

Message storage

More than 250 complex messages

Environmental protection

IP55 standard, no plant air required, stainless steel cabinet

CleanFlow™, positive air, no plant air required, IP65 protected electronics optional

Printhead

Heated printhead

Positive air (standard)

Diameter: 1.63" (41.3mm)

Length: 10.62" (269.8mm)

Printhead umbilical

Ultra flexible

Length: 9.84' (3m) optional 19.69' (6m)

Diameter: 0.91" (23mm)

Bend radius: 4.0" (101.6mm)

Make-up fluid consumption

5.0ml per hour (MEK at 20°C)

Fluids containers

Ink and Make-up Smart Cartridge™ 0.793 qt. (750ml)

Temperature/humidity range

32°F to 122°F (0°C to 50°C)

0% to 90% RH non-condensing

With selected inks; actual installation may require additional hardware
based on production environment conditions

Electrical requirements

Nominal supply power 100- 120 / 200-240 VAC at 50/60 Hz., 50 W nominal

Approximate weight

Unpacked and dry: 46.3lbs. (21kg)

Options

Dust protection kit with CleanFlow™ technology

Dry air kit for high humidity (requires plant air)

RS232 connector kit (USB to Serial DIN-5 male adapter)

SIMPLICITY™ Workflow Modules

Wide range of accessories



VIDEOJET 1610



Line speed

Printing lines 1-5 lines

Speeds up to 293m/min@60dpi (960ft/min)

optional lattice

Single Row: 5x5, 4x7, 5x7, 7x9, 9x 12, 10x 16, 16x24, 25x34 Dual Row: 5x5, 5x7, 7x9, 9x 12, 10x 16

Three rows: 5x5, 4x7, 5x7, 7x9

Four rows: 5x5, 4x7, 5x7

Five folds: 5x5

printable barcode

UPCA/E, EAN8/ 13, Code 128 A/B/C, UCC/EAN128, Code 39,

Code 93> Interleaved 5-2> 2D DataMatrix, GS1

QR code

10x 10, 12x 12, 14x 14, 16x 16, 8x 18, 18x 18, 20x20, 22x22, 24x

24, 16x26, 26x26, 8x32, 32x32, 34x34, 12x36, 16x36, 16x48

character height

Can be selected from 0.079" (2 mm) to 0.40" (10mm) according to the font matrix

Printing distance

Best print distance: 0.472" (12 mm)

Range: 0.197" (5mm)~0.591" (15mm)

keyboard

Membrane keyboard with tactile feedback, including 72 numeric keys, letter keys and special function keys. Standard computer keyboard, close to international PC conventions.

display

320x240 blue backlight 5.7" LCD display

WYSIWYG screen display

Customer logo/pattern

User logo/pattern can be edited directly on the printer or computer

character setting

Chinese, Japanese/Kanji, Korean, Arabic, Hebrew, Russian, Bulgarian,

Turkish/Scandinavian, Greek, Eastern European and European/American.

Language and interface optional

Simplified Chinese, Traditional Chinese, Japanese, Korean, Vietnamese, Thai,

Arabic, English, Bulgarian, Czech, Danish, German, Finnish, French, Hungarian,

Italian, Norwegian, Polish, Portuguese, Russian, Spanish, Swedish and Turkish.

Data interface

Clarisoft/Clarinet® via RS232, RS 485 and Ethernet

information storage

250 pieces of information, more information can be stored unlimitedly via USB.

Machine size

stainless steel panel

Height 21.77 H

Width 15.38"

(553mm)

(391mm)

Depth 13.3" (338 mm)

Protection performance

Standard IP65, no air supply required

sprinkler

Heating nozzle

Positive air (standard)

Diameter: 1.63" (41.3 mm)

Length: 10.62" (269.8 mm)

throat

High flexibility

Length: 9.84' (3m), optional 19.69' (6m)

Diameter: 0.91" (23 mm)

Bend Radius: 3.00" (76.2mm)

Ink/Solvent Cartridge

Smart Ink Tank 0.793 qt. (750 ml)

Smart Solvent Cartridge 0.793 qt. (750 ml)

temperature/humidity range

41°F~ 113°F (-45X))

Relative humidity 0%~90%, non-condensing

Electrical requirements

Power: 100- 120/200-240 VAC, 50/60 Hz., 120 W Weight

Net Weight: 46.2 lbs. (21 kg)

Alternative

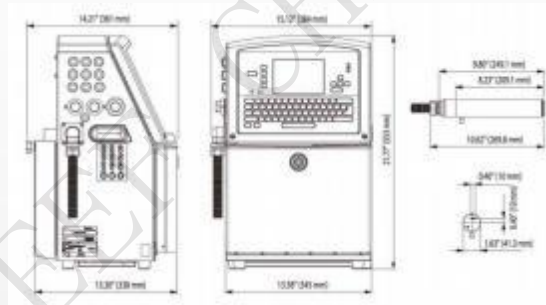
Air drying device for high humidity environment (requires air source) Extended

1/0 interface for remote information selection and remote control

Food grade inkjet printer

Various other accessories

Bulk Ink/Solvent Addition System



VIDEOJET

1610DH



Line Speed Capability (per head)

Can print 1 to 5 lines of print at speeds of up to 960 fpm (293 mpm) (10 characters per inch, single line of print)

Font Matrix Configuration

Single-line: 5x5, 4x7, 5x7, 7x9, 9x 12, 10x 16, 16x24, 25x34

Twin-line: 5x5, 5x7, 7x9, 9x 12, 10x 16

Tri-line: 5x5, 4x7, 5x7, 7x9

Quad-line: 5x5, 4x7, 5x7

Five-line: 5x5

Linear Bar Codes

UPC A&E; EAN 8 & 13; Code 128 A, B & C; UCC/EAN 128;

Code 39; Interleaved 2 of 5; 2D DataMatrix; GS1

DataMatrix Codes

10x 10, 12x 12, 14x 14, 16x 16, 8x 18, 18x 18, 20x20, 22x22, 24x24, 16x26,

26x26, 8x32, 32x32, 34x34, 12x36, 16x36, 16x48

Nominal Character Height

Selectable from 0.079" (2 mm) to 0.40" (10 mm), depending on font

Throw Distance

Optimal: 0.472" (12 mm)

Range: 0.197" (5 mm) to 0.591" (15 mm)

Keyboard

Membrane style with tactile feedback, including 72 numeric, alphabetic, and special function keys. PC-style layout to approximate international PC convention.

Display

320x240 Bright blue backlit 5.7" LCD display.

WYSIWYG onscreen message editing

Custom Logo/Graphics

Can be created by individual user on printer or PC with optional Videojet

Logo Creator software

Character Sets

Chinese, Russian/Bulgarian, Turkish/Scandinavian, Greek, Arabic,

Japanese/Kanji, Hebrew, Korean, East European and European/American Languages and Interface Options

English, Arabic, Bulgarian, Czech, Danish, Dutch, Finnish, French,

German, Greek, Hebrew, Hungarian, Italian, Japanese, Korean, Norwegian, Polish, Portuguese, Russian, Simple Chinese, Spanish,

Swedish, Thai, Traditional Chinese, Turkish and Vietnamese

Data Interface

Clarisoft/Clarinet®

via RS232, RS 485, and Ethernet (standard)

Message management via USB

Message Storage

250 complex messages

Console Dimensions

316 Stainless steel

21.77" (553 mm) high

13.58" (345 mm) wide

13.30" (338 mm) deep

Environmental Protection

IP65 standard, no plant air required

Printhead

Heated printhead

Positive air (standard)

Automatic calibration

Auto-clean design

Diameter: 1.63" (41.3 mm)

Length: 10.62" (269.8 mm)

Printhead Umbilical

Ultra flexible

Length: 9.84' (3 m) optional 19.69' (6 m)

Diameter: 0.91" (23 mm)

Bend radius: 3.00" (76.2 mm)

Fluids Containers

Ink Smart Cartridge™

0.793 qt. (750 ml)

Make-up Smart Cartridge 0.793 qt. (750 ml)

Temperature/Humidity Range

41°F to 113°F (5°C to 45°C)

0% to 90% RH non-condensing

Electrical Requirements

Nominal supply power 100- 120 / 200-240 VAC at 50/60 Hz., 120 W

Approximate Weight

Unpacked and dry: 48.6 lbs. (22 kg)

Options

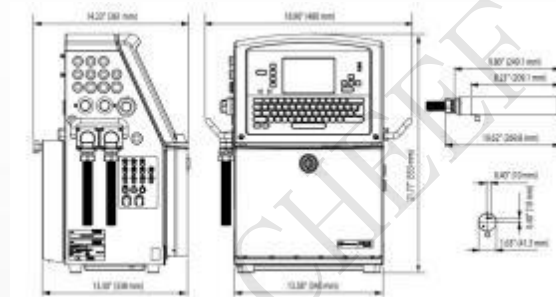
Dry air kit for high humidity (requires plant air)

Food grade version

60 or 70 micron nozzle

90 degree printhead

Wide range of accessories



VIDEOJET 1620



Line Speed Capability

Can print 1 to 5 lines of print at speeds of up to 960 fpm (293 mpm) (10 characters per inch, single line of print)

Font Matrix Configuration

Single-line: 5x5, 4x7, 5x7, 7x9, 9x 12, 10x 16, 16x24, 25x34

Twin-line: 5x5, 5x7, 7x9, 9x 12, 10x 16

Tri-line: 5x5, 4x7, 5x7, 7x9

Quad-line: 5x5, 4x7, 5x7

Five-line: 5x5

Linear Bar Codes

UPC A&E; EAN 8 & 13; Code 128 A, B & C; UCC/EAN 128;

Code 39; Interleaved 2 of 5; 2D DataMatrix; GS1

DataMatrix Codes

10x 10, 12x 12, 14x 14, 16x 16, 8x 18, 18x 18, 20x20, 22x22, 24x24, 16x26, 26x26, 8x32, 32x32, 34x34, 12x36, 16x36, 16x48

Nominal Character Height

Selectable from 0.079" (2 mm) to 0.40" (10 mm), depending on font

Throw Distance

Optimal: 0.472" (12 mm)

Range: 0.197" (5 mm) to 0.591" (15 mm)

Keyboard

Membrane style with tactile feedback, including 72 numeric, alphabetic, and special function keys. PC-style layout to approximate international PC convention.

Display

320x240 Bright blue backlit 5.7" LCD display.

WYSIWYG onscreen message editing

Custom Logo/Graphics

Can be created by individual user on printer or PC with optional Videojet Logo Creator software

Character Sets

Chinese, Russian/Bulgarian, Turkish/Scandinavian, Greek, Arabic, Japanese/Kanji, Hebrew, Korean, East European and European/American Languages and Interface Options

English, Arabic, Bulgarian, Czech, Danish, Dutch, Finnish, French, German, Greek, Hebrew, Hungarian, Italian, Japanese, Korean, Norwegian, Polish, Portuguese, Russian, Simple Chinese, Spanish, Swedish, Thai, Traditional Chinese, Turkish and Vietnamese

Data Interface

RS232, RS485 and ethernet (standard)

Clarisoft/Clarinet®

via RS232 and ethernet

Message management via USB

Message Storage

250 complex messages

Environmental Protection

IP65 standard, no plant air required; stainless steel cabinet

Printhead

Heated printhead

Positive air (standard)

Diameter: 1.63" (41.3 mm)

Length: 10.62" (269.8 mm)

Printhead Umbilical

Ultra flexible

Length: 9.84' (3 m) optional 19.69' (6 m)

Diameter: 0.91" (23 mm)

Bend radius: 3.00" (76.2 mm)

Make-Up Fluid Consumption

As low as 2.4 ml/hour

Fluids Containers

Ink Smart Cartridge™

0.793 qt. (750 ml)

Make-Up Smart Cartridge 0.793 qt. (750 ml)

Temperature/Humidity Range

32°F to 122°F (0°C to 50°C)

0% to 90% RH non-condensing

With selected inks; actual installation may require additional hardware based on production environment conditions

Electrical Requirements

Nominal supply power 100- 120 / 200-240 VAC at 50/60 Hz., 120 W

Approximate Weight

Unpacked and dry: 46.2 lbs. (21 kg)

Options

Dry air kit for high humidity (requires plant air)

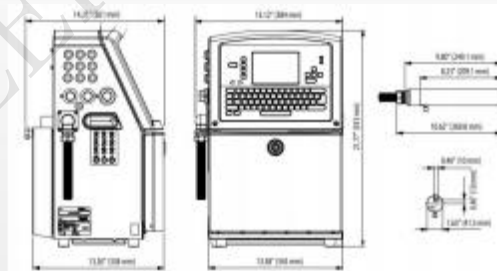
Expanded I/O for remote message select and remote printer shut-off

60 or 70 micron nozzle

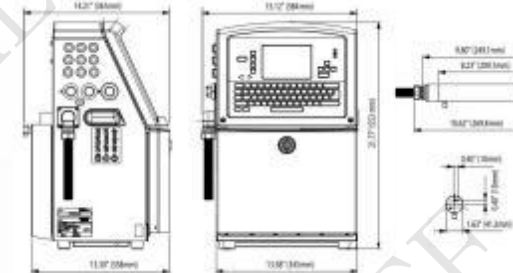
Food grade version

90 degree printhead

Wide range of accessories



VIDEOJET 1620HR



Line speed capability

Can print 1 to 3 lines of print at speeds of up to:

Single line max speed = 1666 ft/min. (508m/min)

Dual line max speed = 694 ft/min. (212m/min)

Tri-line max speed = 588 ft/min. (179m/min)

(10 characters per inch, single line of print)

Font matrix configuration

Single-line: 4x5, 5x5, 4x7, 5x7, 7x9, 10x 16

Twin-line: 4x5, 5x5, 4x7, 5x7, 7x9

Tri-line: 4x5, 5x5, 4x7, 5x7, 24 Drop Mixed Raster

Linear bar codes

UPC A&E; EAN 8 & 13; Code 128 A, B & C; UCC/EAN 128;

Code 39; Interleaved 2 of 5; 2D DataMatrix; GS1

DataMatrix codes

Square Form up to 24x24; Rectangular Form up to 16x48

Nominal character height

Selectable from 0.079" to 0.472" (2mm to 12mm), depending on font

Throw distance

Optimal: 0.394" (10mm)

Range: 0.197" to 0.591" (5mm to 15mm)

Keyboard

Membrane style with tactile feedback, including 72 numeric, alphabetic, and special

function keys. PC-style layout to approximate international PC convention.

Display

320x240 Bright blue backlit 5.7" LCD display.

WYSIWYG onscreen message editing

Custom logo/graphics

Can be created by individual user on printer or PC with optional Videojet Logo

Creator software

Character sets

Chinese, Russian/Bulgarian, Turkish/Scandinavian, Greek, Arabic, Japanese/Kanji,

Hebrew, Korean, East European and European/American

Languages and interface options

English, Arabic, Bulgarian, Czech, Danish, Dutch, Finnish, French, German,

Greek, Hebrew,

Hungarian, Italian, Japanese, Korean, Norwegian, Polish, Portuguese, Russian,

Simple

Chinese, Spanish, Swedish, Thai, Traditional Chinese, Turkish and Vietnamese

Data interface

RS232, RS485 and ethernet (standard)

CLARISOFT/CLARINETTM via RS232 and ethernet

Message management via USB

Message storage

250 complex messages

Environmental protection

IP65 standard; no plant air required; stainless steel cabinet

Printhead

Heated printhead

Positive air (standard)

Nozzle size: 50 micron

Diameter: 1.63" (41.3mm)

Length: 10.62" (269.8mm)

Printhead umbilical

Ultra flexible

Length: 9.84' (3m) optional 19.69' (6m)

Diameter: 0.83" (21mm)

Bend radius: 4.0" (101.6mm)

Make-up fluid consumption

As low as 2.4ml/hour

Fluids containers

Ink Smart Cartridge™ 0.793 qt. (750ml)

Make-up smart cartridge 0.793 qt. (750ml)

Ink bulk system 5.28 qts. (5 liters)

Make-up bulk system 5.28 qts. (5 liters)

Temperature/humidity range

41°F to 113°F (5°C to 45°C)

0% to 90% RH non-condensing

With selected inks; actual installation may require additional hardware

based on production environment conditions

Electrical requirements

Nominal supply power 100- 120 / 200-240 VAC at 50/60 Hz.,

120W peak maximum, 60W nominal

Approximate weight

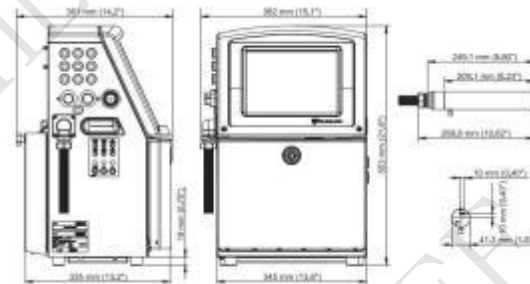
Unpacked and dry: 46.2lbs. (21kg)

Options

Dry air kit for high humidity (requires plant air)

Wide range of accessories

VIDEOJET 1650



Line speed capability

Can print 1 to 5 lines of print at speeds of up to 960fpm (293mpm)
(10 characters per inch, single line of print)

Font matrix configuration

Single-line: 5x5, 4x7, 5x7, 7x9, 9x 12, 10x 16, 16x24, 25x34

Twin-line: 5x5, 5x7, 7x9, 9x 12, 10x 16

Tri-line: 5x5, 4x7, 5x7, 7x9

Quad-line: 5x5, 4x7, 5x7

Five-line: 5x5

Linear bar codes

UPC A&E; EAN 8 & 13; Code 128 A, B & C; UCC/EAN 128;

Code 39; Interleaved 2 of 5; 2D DataMatrix; GS1

DataMatrix codes

10x 10, 12x 12, 14x 14, 16x 16, 8x 18, 18x 18, 20x20, 22x22, 24x24, 16x26, 26x26,

8x32, 32x32, 34x34, 12x36, 16x36, 16x48

Nominal character height

Selectable from 0.079" (2mm) to 0.40" (10mm), depending on font

Throw distance

Optimal: 0.472" (12mm)

Range: 0. 197" (5mm) to 0.591" (15mm)

User interface

10.4" high-response TFT-LCD touch screen

WYSIWYG touch to edit message editing

Custom logo/graphics

Can be created via optional CLARISOFT® software

Character sets

Chinese, Russian/Bulgarian, Turkish/Scandinavian, Greek, Arabic, Japanese/Kanji,

Hebrew, Korean, East European and European/American

Languages and interface options

English, Arabic, Bulgarian, Czech, Danish, Dutch, Finnish, French, German,

Greek,

Hebrew, Hungarian, Italian, Japanese, Korean, Norwegian, Polish, Portuguese,

Russian,

Simple Chinese, Spanish, Swedish, Thai, Traditional Chinese, Turkish and

Vietnamese

Data interface

Ethernet (standard)

CLARISOFT/CLARINETTM via ethernet

Message management via USB

Message storage

More than 250 complex messages

Environmental protection

IP65 standard, no plant air required; 316 stainless steel cabinet

Printhead

Heated printhead

Positive air (standard)

Diameter: 1.63" (41.3mm)

Length: 10.62" (269.8mm)

Printhead umbilical

Ultra flexible

Length: 9.84' (3m) optional 19.69' (6m)

Diameter: 0.91" (23mm)

Bend radius: 4.0" (101.6mm)

Make-up fluid consumption

As low as 2.4ml per hour

Fluids containers

Ink Smart Cartridge™ 0.793 qt. (750ml)

Make-Up Smart Cartridge 0.793 qt. (750ml)

Temperature/humidity range

32°F to 122°F (0°C to 50°C)

0% to 90% RH non-condensing

With selected inks; actual installation may require additional hardware

based on production environment conditions

Electrical requirements

Nominal supply power 100- 120 / 200-240 VAC at 50/60 Hz., 120 W

Approximate weight

Unpacked and dry: 48.5lbs. (22kg)

Options

Dry air kit for high humidity (requires plant air)

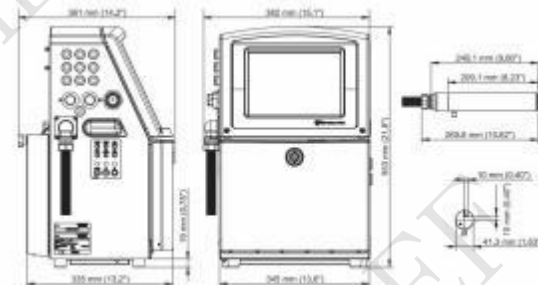
60 or 70 micron nozzle

Food grade version

90 degree printhead

Wide range of accessories

VIDEOJET 1650HR



Line speed capability

Can print 1 to 3 lines of print at speeds of up to:

Single line max speed = 348 m/min (1142ft/min)

Dual line max speed = 124 m/min (408 ft/min)

Tri-line max speed = 72 m/min (235 ft/min)

(15 characters per inch, single line of print)

Font matrix configuration

Single-line: 4x5, 5x5, 4x7, 5x7, 7x9, 9x 12, 10x 16, 16x24

Twin-line: 4x5, 5x5, 4x7, 5x7, 7x9

Tri-line: 4x5, 5x5, 4x7, 5x7, 24 Drop Mixed Raster

Linear bar codes

UPC A&E; EAN 8 & 13; Code 128 A, B & C; UCC/EAN 128;

Code 39; Interleaved 2 of 5; 2D DataMatrix; GS1; QR Code

DataMatrix codes

Square Form up to 24x24; Rectangular Form up to 16x48

Nominal character height

Selectable from 0.6mm to 7mm (0.024" - 0.276"), depending on font

Throw distance

Optimal: 6mm (0.236")

Range: 2mm to 12mm (0.079" to 0.472")

User interface options:

1. CLARiTY™ 10.4" high-response TFT-LCD touch screen (available with 1650 HR)

2. 320x240 bright blue backlit 5.7" LCD display (available with 1620 HR)

Both offer WYSIWYG onscreen message editing

Custom logo/graphics

Can be created by individual user on printer or PC with optional Videojet Logo

Creator software

Character sets

Chinese, Russian/Bulgarian, Turkish/Scandinavian, Greek, Arabic, Japanese/Kanji, Hebrew, Korean, East European and European/American

Languages and interface options

English, Arabic, Bulgarian, Czech, Danish, Dutch, Finnish, French, German, Greek, Hebrew,

Hungarian, Italian, Japanese, Korean, Norwegian, Polish, Portuguese, Russian,

Simple

Chinese, Spanish, Swedish, Thai, Traditional Chinese, Turkish and Vietnamese

All languages available with 1650 HR only

Data interface

RS232, RS485 and ethernet (standard)

CLARISOFT™/CLARINET™ via RS232 and ethernet

Message management via USB

Message storage

250 complex messages (250+ on 1650 HR model)

Environmental protection

IP65 standard; no plant air required; stainless steel cabinet

Printhead

Heated printhead

Positive air (standard)

Nozzle size: 40 micron

Diameter: 41.3 mm (1.63")

Length: 269.8 mm (10.62")

Printhead umbilical

Ultra flexible

Length: 3 m (9.84') optional 6m (19.69')

Diameter: 21 mm (0.83")

Bend radius: 101.6 mm (4.0")

Make-up fluid consumption

As low as 2.4 ml/hour

Fluids containers

Ink Smart Cartridge™ 750 ml (0.793 qt.)

Make-up Smart Cartridge™ 750 ml (0.793 qt.)

Ink bulk system 5 liters (5.28 qts.)**

Make-up bulk system 5 liters (5.28 qts.)**

Temperature/humidity range

5°C to 45°C (41°F to 113°F)

0% to 90% RH non-condensing

With selected inks, actual installation may require additional hardware based on production environment conditions

Electrical requirements

Nominal supply power 100- 120 / 200-240 VAC at 50/60 Hz.,

120W peak maximum, 60W nominal

Approximate weight

Unpacked and dry: 21 kg (46.2 lbs).

Options

Dry air kit for high humidity (requires plant air)

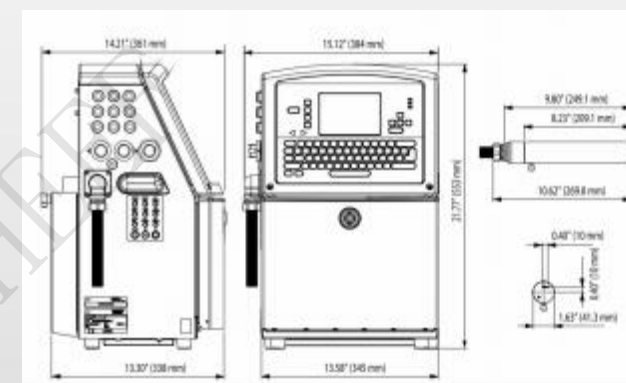
Wide range of accessories

VIDEOJET 1710



Line speed capability
1-5 lines of print, up to 888fpm (271mpm) at 60 dpi (see Print Sample Guide)
Font matrix configuration
Resolution range; 5x5 through 25x34 dot matrix (see Print Sample Guide)
Linear bar codes
UPC-A/E, EAN-8/ 13, Code 128 A/B/C, UCC/EAN 128, Code 39, I 2 of 5, GS1 DataMatrix codes
10x 10 through 32x32 and 18x8 through 48x 16
Nominal character height
0.080" (2mm) – 0.40" (10mm), font dependent
Throw distance
0.2" (5mm) - 0.6" (15mm), 0.5" (12mm) optimal
Keyboard
Membrane tactile feedback. 72 alpha-numeric and special function keys. Approximates international PC convention.
Display
320x240 bright backlit LCD display, 5.7" (14.5cm)
Custom logo/graphics
Created by user on printer or on PC and imported via USB
Character sets
English, Arabic, Bulgarian, Chinese, East European, Greek, Hebrew, Kanji, Korean,
Russian, Scandinavian, Turkish
Languages and interface options
English, Arabic, Bulgarian, Simple Chinese, Traditional Chinese, Czech, Danish, Dutch,
Finnish, French, German, Greek, Hebrew, Hungarian, Italian, Japanese, Korean, Norwegian, Polish, Portuguese, Russian, Spanish, Swedish, Thai, Turkish, Vietnamese
Data interface
RS232 serial, Ethernet (optional)
CLARISOFT/CLARINET™ via RS232 and ethernet
Message management via USB
Message storage
250 messages standard
Environmental protection
IP55 (IP65 option, no plant air required); stainless steel cabinet
Printhead
Positive air standard
Diameter 1.63" (41.3mm), length 10.62" (269.8mm), 60/70 micron nozzle

Printhead umbilical
Length 9.8' (3m), optional 19.7' (6m), diameter 0.9" (23mm), bend radius 3.0" (76mm)
Fluids containers
Ink; 0.63 qt (600ml) and Make-Up; 0.79 qt (750ml) cartridges
Temperature/humidity range
41 °F to 113 °F (5 °C – 45 °C), 0-90% RH (non-condensing)
With selected inks; actual installation may require additional hardware based on production environment conditions
Electrical requirements
100- 120 / 200-240 VAC at 50/60 Hz, 120 WW
Approximate weight
46 lbs (21kg)
Options
IP65 with 316 stainless steel (no plant air required)
Dry air kit for high humidity (requires plant air)
60 or 70 micron nozzle
Food grade version
90 degree printhead
Wide range of accessories



VIDEOJET 1860



Line Speed Capability

Can print 1 to 5 lines at 293 m/min (960 ft/min)

(10 characters per inch, single line print)

font matrix configuration

Single row: 5x5, 4x7, 5x7, 7x9, 9x 12, 10x 16, 16x24, 25x34

Double row: 5x5, 4x7, 5x7, 7x9, 9x 12, 10x 16

Three rows: 5x5, 4x7, 5x7, 7x9

Four rows: 5x5, 4x7, 5x7

Five elements: 5x5

1D barcode

UPC A&E; EAN 8 & 13; Code 128 A, B & C; UCC/EAN 128;

Code 39; Interleaved two or five barcodes; 2D DataMatrix; GS1

DataMatrix encoding

10x 10, 12x 12, 14x 14, 16x 16, 8x 18, 18x 18, 20x20, 22x22, 24x24,

26x26, 8x32, 32x32, 12x36, 16x36, 16x48

Nominal character height

Choices: From 2mm (0.079") to 10mm (0.40") depending on height font

Printing distance

Optimum Distance: 12mm (0.472")

Range: 2 mm (0.079 in) to 20 mm (0.787 in)

User Interface

10.4-inch high-sensitivity TFT LCD touch screen

WYSIWYG touchscreen editable message

Custom Logo/Graphics

Can be created with optional CLARISOFT® software*

character set

Chinese, Russian/Bulgarian, Turkish/Scandinavian, Greek, Arabic,

Japanese/Kanji, Hebrew, Korean, Thai, Eastern and European

languages/American English

Language and interface options

English, Arabic, Bulgarian, Czech, Danish, Dutch, Finnish, French, German

language, Greek, Hebrew, Hungarian, Italian, Japanese, Korean, Norwegian,

Polish,

Brazilian Portuguese, Romanian, Russian, Serbian, Simplified Chinese, Spanish,

Swedish, Thai, Traditional Chinese, Turkish and Vietnamese

input Output

Product detection input

Shaft encoder input

Signal light (alarm indicator) output

Requires RS232 interface kit

Relay output (2x)

USB 2.0 (2x)

Ethernet, LAN

information storage

250+ complex messages

Protection class

IP55, no factory air required, stainless steel enclosure or

IP66, no factory air required, 316 stainless steel enclosure

sprinkler

Heated, 45-degree angled printhead

Clean Flow™ Clean Flow Technology

Diameter: 41.3 mm (1.6 in)

Length: 240.6 mm (9.5 in)

Nozzle throat

super flexible

Length: 3m (9.84ft), optional 6m (19.69ft)

Diameter: 17 mm (0.67 in)

Bend Radius: 101.6 mm (4.0 in)

Ink/Solvent Consumption

4.5 ml/hour (20 °C methyl ethyl ketone)

Cartridge/Solvent Cartridge

Smart Cartridge™ Smart Cartridge/Solvent Cartridge 1000ml (1.06qt)

temperature/humidity range

0 °C to 50 °C (32 °F to 122 °F)

10% to 90% RH non-condensing

Use selected inks; actual installation may require additional hardware depending on production environment conditions

Electrical requirements

Rated Power 100-240 VAC, 50/60 Hz, 50 W

Approximate weight

Unpackaged dry weight: 22 kg (48.5 lb)

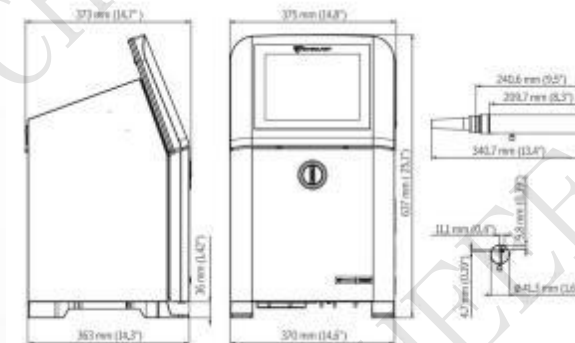
Options

Dry air kit for high humidity environments (requires factory air)

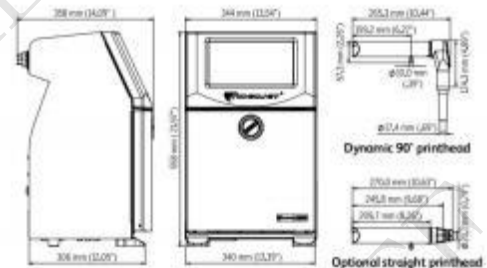
Advanced I/O

SIMPLICITY™ Workflow Module

Various accessories



VIDEOJET 1880



Line speed capability

Can print 1 to 5 lines of print at speeds of up to 1,097fpm (334mpm)

(10 characters per inch, single line of print)

Font matrix configuration

Single-line: 4x5, 5x5, 4x7, 5x7, 7x9, 9x 12, 10x 16, 16x24, 25x34

Twin-line: 4x5, 5x5, 4x7, 5x7, 7x9, 9x 12, 10x 16

Tri-line: 4x5, 5x5, 4x7, 5x7, 7x9

Quad-line: 4x5, 5x5, 4x7, 5x7

Five-line: 5x5

Linear bar codes

UPC A&E; EAN 8 & 13; Code 128 A, B & C; UCC/EAN 128;

Code 39; Interleaved 2 of 5; 2D DataMatrix; GS1

DataMatrix codes

10x 10, 12x 12, 14x 14, 16x 16, 8x 18, 18x 18, 20x20, 22x22, 24x24, 26x26, 8x32,

32x32, 12x36, 16x36, 16x48

QR codes

21x21, 25x25, 29x29, 33x33

Error correction mode L, M, Q or H

Nominal character height

Selectable from 0.079" (2mm) to 0.40" (10mm), depending on font

Throw distance

Optimal: 0.472" (12mm)

User interface

10.4" 16:9 high-response TFT-LCD touch screen

WYSIWYG touch to edit message editing

Custom logo/graphics

Import from USB

Can be created via optional CLARiSOFT™ software*

Character sets

Chinese, Russian/Bulgarian, Turkish/Scandinavian, Greek, Arabic, Japanese/Kanji,

Hebrew, Korean, Thai, East European and European/American

Languages and interface options

English, Arabic, Bulgarian, Czech, Danish, Dutch, Finnish, French, German,

Greek,

Hebrew, Hungarian, Italian, Japanese, Korean, Norwegian, Polish, Portuguese,

Romanian, Russian, Serbian, Simple Chinese, Spanish, Swedish, Thai,

Traditional Chinese, Turkish and Vietnamese

Input/output

Standard: Product detect input, Encoder input, Beacon (Alarm light) output,

RS232 (USB to RS232 converter), Relay output (2x), USB 2.0 (2x), Ethernet LAN

Optional: Second product detect input, Second Ethernet LAN, Message select (2x),

PEC/SENC loop output, Digital I/O

Message storage

More than 250 complex messages

Environmental protection

IP55, no plant air required, 201 stainless steel cabinet or

IP66, no plant air required, 316 stainless steel cabinet

Printhead

Dynamic 90° , 350° rotating printhead

Heated printhead

45 degree slanted printhead face

Ink build-up sensor

Auto-rinse

Clean Flow™ technology (optional)

Diameter: 1.6" (41.3mm)

Length: 10.4" (265.3mm)

Printhead umbilical

Ultra flexible, overmolded

Length: 9.84' (3m); optional 19.69' (6m)

Diameter: 0.67" (17mm)

Bend radius: 4.0" (101.6mm)

Fluids containers

Ink and Make-up Smart Cartridge™ 1.06 qt (1000ml); optional 0.793 qt (750ml)

Temperature/humidity range

32°F to 122°F (0°C to 50°C)

10% to 90% RH non-condensing

With selected inks; actual installation may require additional hardware

based on production environment conditions

Electrical requirements

Nominal supply power 100-240 VAC at 50/60Hz, 70W

Approximate weight

Unpacked and dry: 48.5lbs. (22kg)

Options

60 or 70 micron nozzle

Dry air kit for high humidity (requires plant air)

SIMPLICITY™ Workflow Modules: Ethernet/IPTM or PROFINET, Scan2Run™

Wide range of accessories

Straight printhead

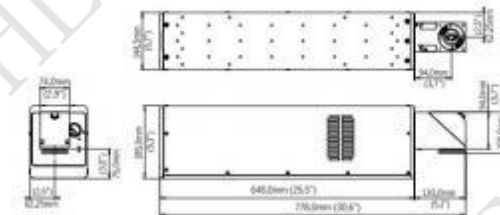
VIDEOJET

3030



New 'quick disconnect' umbilical cable
Available in three lengths
Easy routing of the cable during installation
Speeds up line change over process
Standard industrial connectors for easier integration
Available in both standard and IP65 rated models
Greatly simplifies initial configuration and subsequent changeovers, reducing steps by 33%
Process is displayed in a step-by-step logical sequence
Production line elements displayed graphically to speed process and avoid errors
Uses actual inputs from the production line to make automatic calculations
Facilitates quick changes to laser position and code orientation
Flexibility comes as standard
Marking head positions
Mark windows
Wavelengths
IP ratings for marking units (IP54, IP65)
Detachable umbilical lengths
Power options (10W or 30W)

VIDEOJET 3340



Marking speed

Up to 2,000 characters/sec.(1)

Line speed

Up to 15m/sec. (49ft/sec.)(1)

Marking window

Approx. 30.8x38.2mm2

to 601.0x439.8mm2

Wavelengths

10.6 μm, 10.2 μm and 9.3 μm

Marking formats

Standard industrial fonts (Type 1 Windows® TrueType®) and Single line fonts

Machine readable codes (OCR, 2D-matrix, etc.)

Bar codes: BC25, BC25i, BC39, BC128, GS1- 128, EAN13, UPC_A, RSS14, RSS14 Truncated, RSS14 Stacked, RSS14 Stacked Omnidirectional, RSS Limited, RSS Expanded, etc.

Graphics, logos, symbols, etc.

Linear, circular, angular, reverse, rotate

Sequential and batch numbering

Automatic date, layer and time coding; real-time clock

Dot mode enables marking 2D codes faster than traditional grid mode

Laser tube

Sealed CO2

laser, power class 30-Watt

Beam deflection

Steered beam with digital high-speed galvanometer scanners

Focusing

Focal lengths: 64/ 95/ 127/ 190/ 254 mm (2.5/ 3.75/ 5.0/ 7.5/ 10.0 inches);

63.5/ 85/ 100/ 150/ 200/ 300/ 351/ 400 mm (2.50/ 3.35/ 3.94/ 5.9/ 7.87/ 11.8/

13.8/ 15.75 inches); 400/ 500/ 600 mm (15.75/ 19.68/ 23.62 inches)

Multiple operator interface options

Handheld controller

PC software

TCS Touch Control Software

CLARITY™ Laser Controller

Smart Graph Com

Language capabilities(2)

Arabic, Bulgarian, Czech, Danish, English, German, Greek, Finnish, French, Hebrew,

Hungarian, Italian, Japanese, Korean, Dutch, Norwegian, Polish, Portuguese, Romanian,

Russian, Serbian, Simplified Chinese, Slovak, Spanish, Swedish, Thai, Traditional Chinese,

Turkish, Vietnamese; interface dependent. Additional languages available with Smart Graph software.

(1) Maximum marking and line speed is application dependent

(2) With optional CLARITY™ Laser Controller

Communication

Ethernet, TCP/IP and RS232 optional

Inputs for encoders and product detector triggers

16 inputs / 1 1 outputs for start/stop signals, machine/operator interlocks, alarm outputs; in addition to the safety circuits

Customer-specific solutions available

Integration

Direct integration into complex production lines via scripting interface

Flexible beam delivery options (beam extension unit/ beam turning unit)

Detachable umbilical for simple integration; available in 3 lengths

Electrical requirements

100-240 VAC (autorange), ~50/60Hz, 1PH, 0.70KW

Cooling system

Air cooled

Environment

Temperature 40- 105° F (5-40° C)

Humidity 10%-90%, non-condensing

Sealing and safety standards

Supply Unit: IP54, optional IP65

Marking Unit: IP54, optional IP65

Optional safety module provides Performance Level d (PFL-d) in accordance to EN 13849- 1

IEC/EN 60825- 1:2014

Approximate weight

Supply unit: IP54/IP65 25.4lbs. (11.5kg)

Marking unit: IP54 42. 1lbs. (19. 1kg); IP65 44. 1lbs. (20kg)

Applicable certifications

CE, TÜV/NRTL, FCC

Compliance (no certification required): ROHS, CDRH/FDA

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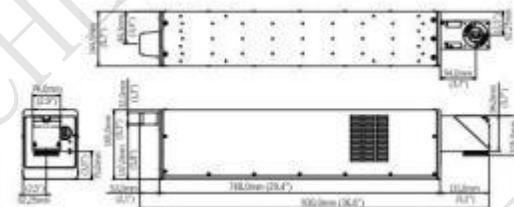
Part No. SL000631

ss-3340-us-0819

Printed in U.S.A.

Marking unit dimensions - IP54 with SHC60c marking head

VIDEOJET 3640



Marking speed

Up to 2, 100 characters/sec.(1)

Line speed

Up to 15m/sec. (49ft/sec.)(1)

Marking window

Approx. 30.8 x 38.2mm²

to 601.0 x 439.8mm²

Wavelengths

10.6 μm, 10.2 μm and 9.3 μm

Marking formats

Standard industrial fonts (Type 1 Windows® TrueType®) and Single line fonts

Machine readable codes (OCR, 2D-matrix, etc.)

Bar codes: BC25, BC25i, BC39, BC128, GS1- 128, EAN13, UPC_A, RSS14, RSS14 Truncated, RSS14 Stacked, RSS14 Stacked Omnidirectional, RSS Limited, RSS Expanded, etc.

Graphics, logos, symbols, etc.

Linear, circular, angular, reverse, rotate

Sequential and batch numbering

Automatic date, layer and time coding; real-time clock

Dot mode enables marking 2D codes faster than traditional grid mode

Laser tube

Sealed CO₂

laser, power class 60-Watt

Beam deflection

Steered beam with digital high-speed galvanometer scanners

Focusing

Focal lengths: 64/ 95/ 127/ 190/ 254 mm (2.5/ 3.75/ 5.0/ 7.5/ 10.0 inches);

63.5/ 85/ 100/ 150/ 200/ 300/ 351/ 400 mm (2.50/ 3.35/ 3.94/ 5.9/ 7.87/ 11.8/

13.8/ 15.75 inches); 100/ 150/ 200/ 300/ 351 mm (3.9/ 5.9/ 7.9/ 11.8/ 13.8 inches);

400/ 500/ 600 mm (15.75/ 19.68/ 23.62 inches)

Multiple operator interface options

Handheld controller

PC software

TCS Touch Control Software

CLARITY™ Laser Controller

Smart Graph Com

Language capabilities(2)

Arabic, Bulgarian, Czech, Danish, English, German, Greek, Finnish, French, Hebrew,

Hungarian, Italian, Japanese, Korean, Dutch, Norwegian, Polish, Portuguese, Romanian,

Russian, Serbian, Simplified Chinese, Slovak, Spanish, Swedish, Thai, Traditional Chinese,

Turkish, Vietnamese; interface dependent. Additional languages available with Smart Graph software.

Communication

Ethernet, TCP/IP and RS232 optional

Inputs for encoders and product detector triggers

16 inputs / 1 1 outputs for start/stop signals, machine/operator interlocks, alarm outputs; in addition to the safety circuits

Customer-specific solutions available

Integration

Direct integration into complex production lines via scripting interface

Flexible beam delivery options (beam extension unit/ beam turning unit)

Detachable umbilical for simple integration; available in 3 lengths

Electrical requirements

100-240 VAC (autorange), ~50/60Hz, 1PH, 1. 15kW

Cooling system

Air cooled

Environment

Temperature 40- 105° F (5-40° C)

Humidity 10%-90%, non-condensing

Sealing and safety standards

Supply Unit: IP54, optional IP65

Marking Unit: IP54, optional IP65

Optional safety module provides Performance Level d (PFL-d) in accordance to EN 13849- 1

IEC/EN 60825- 1:2014

Approximate weight

Supply unit: IP54/IP65 25.4lbs. (11.5kg)

Marking unit: IP54 58.4 lbs. (26.5kg); IP65 59.5lbs. (27kg)

Applicable certifications

CE, TÜV/NRTL, FCC

Compliance (no certification required): ROHS, CDRH/FDA

Marking unit dimensions - IP54 with SHC60c marking head

VIDEOJET 3210



Marking speed

Up to 1,300 characters/sec.(maximum marking speed is application dependent)

Line speed

Up to 360 m/min. (1, 181ft/min.) (maximum line speed is application dependent)

Marking window

36x57 mm² to 72x 115 mm²

Wavelengths

9.3 μm, 10.2 μm, 10.6 μm

Marking formats

Standard industrial fonts (Type 1 Windows® TrueType®) and Single line fonts

Machine readable codes (OCR, 2D-matrix, etc.)

Bar codes: BC25, BC251, BC39, BC128, GS1- 128, EAN13, UPC_A, RSS14, RSS14 Truncated, RSS14 Stacked, RSS14 Stacked Omnidirectional, RSS Limited, RSS Expanded, etc.

Graphics, logos, symbols, etc.

Linear, circular, angular, reverse, rotate

Sequential and batch numbering

Automatic date, layer and time coding; real-time clock

Dot mode enables marking 2D codes faster than traditional grid mode

Laser tube

Sealed CO2 laser, power class 30-Watt

Beam deflection

Steered beam with digital high-speed galvanometer scanners

Focusing

Focal lengths: 100 / 150 / 200 mm (3.94 / 5.91 / 7.87 inches)

Operator interface options

Handheld or touchscreen controller

TCS+ via Web Browser

Language capabilities

Arabic, Brazilian Portuguese, English, Japanese, Korean, Simplified Chinese,

Spanish, Thai, Traditional Chinese, UK English, Vietnamese; interface dependent.

Communication

Ethernet, TCP/IP

Inputs for encoders and product detectors

9 inputs / 5 outputs in addition to machine/operator interlocks

Integration

Direct integration into complex production lines via scripting interface

Electrical requirements

100- 120 VAC; 200-240 VAC 0.7 KW

Cooling system

Air cooled

Environment

Temperature 40- 105° F (5-40° C)

Humidity 20% - 90%, non condensing

Sealing and safety standards

IP54

IEC 60825-1

IEC 62368-1

IEC 60204-1

Approximate weight

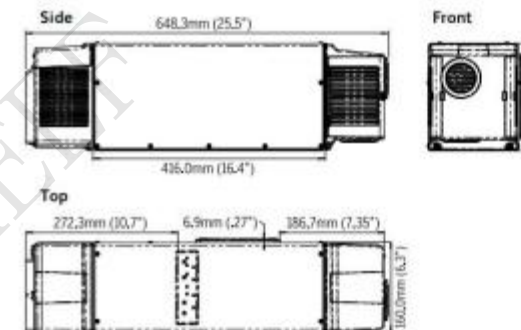
41.9lbs. (19kg)

Applicable certifications

CE

Compliance (no certification required): ROHS

Dimensions



VIDEOJET 7340/7440



Marking fields (mm)

	Working Distance (CFS-X)	Working Distance (CFT-X)	x Dimension	y Dimension
Small (-S)	72.00	89.00	37.01	63.58
Medium (-M)	112.50	129.50	48.27	89.30
Large (-L)	171.00	188.00	64.46	126.30

Marking formats

Standard fonts (Windows® TrueType®/ TTF; PostScript®/ PFA, PFB; Open Type®/ OTF) and individual fonts, such as high-speed or OCR

Machine-readable codes: ID-MATRIX; ECC plain; BAR CODES/ -stacked omnidirectional/

-limited [CCA/B]/ expanded

Graphics/ graphic components, logos, symbols, etc. (dxf, jpg, ai, etc.)

Linear, circular, angular text marking; rotation, reflection, expansion, compression of marking contents

Sequence and serial numbering; Automatic date, layer and time coding, real-time clock;

Online coding of individual data (weight, contents, etc.)

Laser source

Ytterbium (Yb) pulsed fiber laser

Power classes 20 and 30 Watt

Central emission wavelength: 1,040 - 1,090nm (1.04 - 1.09µm)

Laser beam deflection

Digital high-speed galvanometer scan

Laser beam orientation

Straight-out (CFS-x) and 90-degree (CFT-x) options

User interfaces

TCS+ browser-based free form onboard editor

Smart Graph software for PC; configurable in 20 languages (option)

CLARITY™

TCS+

Browser-enabled software for intuitive creation of complex jobs on standard web browser

compatible devices

Support for 27 languages

Full user access control and role definition

Event log for history of user interactions

Graphical guided line setup wizard

Easy system and parameter configuration

WYSIWYG editor

Smart Graph software

Graphic-orientated user interface for Windows®

Text / data / graphics / parameter editor

Configurable in 20 languages, e.g. in German, English, Japanese

Easy import functions for the most important file formats (dxf, jpg, ai, etc.)

Communication

Ethernet (TCP/IP, 100Mbit LAN), EtherNet/IP™, ProfiNet® , RS232, digital I/Os

Inputs for encoders and product detector triggers

I/Os for start, stop, external error, job select, trigger, trigger enable, encoder; system ready, ready to mark, marking, shutter closed, error, bad, good signals and machine/ operator interlocks

Customer-specific solutions

Integration

Direct integration into complex production lines through the laser 's scripting interface

Integration via Ethernet and RS232 interface

Highly precise side guided height adjustment via dovetail joint or 38mm tube

Electrical requirements

100 - 240 V (autorange), 360 VA, 1 PH, 50/60 Hz

Environmental protection

Supply unit: IP21, air cooled

Laser head: IP65, IP69, air cooled

Temperature/humidity range

5 - 40° C (40 - 105° F)/ 10 - 90 %, non-condensing

Weight

Supply unit 3m supply line – 23kg / 50.7 lbs

Supply unit 10m supply line – 27kg / 59.5 lbs

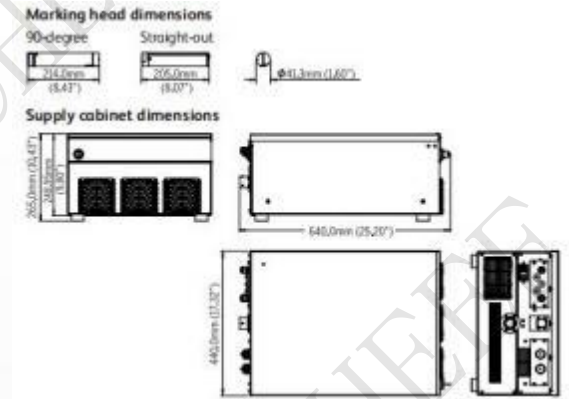
Marking unit CFT – 0.64kg / 1.4 lbs

Marking unit CFS – 0.61kg / 1.3 lbs

Applicable certifications

EtherNet/IP DOC, ProfiNet/PNO certificate, CE, TÜV/NRTL, FCC

Compliance (no certification required): ROHS, CFRH/FDA



VIDEOJET 7610



Marking fields

Focal Length	100	163	254	420
Max. height/mm	107.4	181.9	267.8	498.5
Max. width/mm	84.7	142.2	221.7	366.5

Marking formats

Standard fonts (Windows® TrueType®/ TTF; PostScript®/ PFA, PFB; Open Type®/ OTF)

and individual fonts, such as high-speed or OCR

Machine readable codes: ID-MATRIX (ECC100, 140, 200: 10x 10 for square formats, 8x8 to 16x48 for non-square formats; ECC plain; QR code); BAR CODES (BC25/25i/39/39E/93/ 128; GS1- 128; UPC_A; RSS14TR/ST/STC; RS LIM/EXP)

Graphics/

graphic components, logos, symbols, etc. (dxf, jpg, ai, etc.)

Linear, circular, angular text marking; rotation, reflection, expansion, compression of marking contents

Sequence and serial numbering; Automatic date, layer and time coding, real-time clock;

Online coding of individual data (weight, contents, etc.)

Laser source

Ytterbium (Yb) pulsed fiber laser

Power class 100-Watt

Central emission wavelength: 1064nm (min: 1055nm, max: 1075nm)

Beam deflection

2 high-speed galvanometer scanners

Beam orientation

90-degree (standard) and straight-out (option)

Focusing (precision optics)

Focal lengths: f=100/ 163/254/420mm

Multiple operator interface options

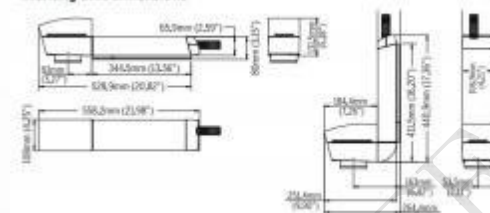
Smart Graph software on PC; configurable in 12 languages (option)

Language capabilities*

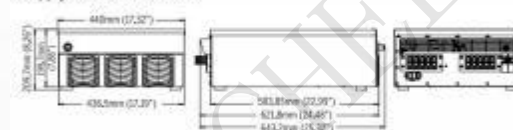
Brazilian Portuguese, Chinese, Czech, Danish, Dutch, English, French, German, Italian,

Japanese, Polish, Portuguese, Russian, Spanish; interface dependent

Marking unit dimensions



Supply cabinet dimensions



Electrical requirements

100-240 VAC (autorange), 700 VA, 1 PH, 50/ 60 Hz

Cooling system

Air cooled

Temperature/Humidity Range

10 - 35° C (50 - 95° F) and up to 40° C (104° F) with a duty cycle of 70%;

10 - 90%, non-condensing

Sealing and safety standards

Marking unit: IP54

Supply unit: IP22

LASER CLASS 4 product (acc. to EN 60825- 1:2014)

Approximate weight

Supply unit: approx. 25kg (55lbs.)

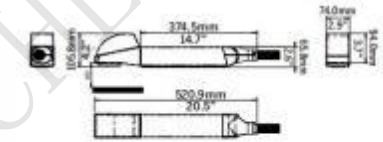
Marking unit: approx. 8kg (18lbs.)

Applicable certifications

CE, TÜV/NRTL, FCC



VIDEOJET 7230/7330



Marking fields

	6mm marking head SHF60A				10mm marking head SHF100A			
Focal Length	50	100	165	258	100	163	254	420
Max. height/mm	19.5	70.2	115.4	180.5	75.8	142.2	215.5	361.5
Max. width/mm	26	70.2	115.4	180.5	118.7	193.5	301.5	498.5

Marking formats

Standard fonts (Windows® TrueType®/ TTF; PostScript®/ PFA, PFB; Open Type®/ OTF) and individual fonts, such as high-speed or OCR

Machine-readable codes: ID-MATRIX; ECC plain; BAR CODES/ -stacked omnidirectional/

-limited [CCA/B]/ expanded Graphics/ graphic components, logos, symbols, etc. (dxf, jpg, ai, etc.)

Linear, circular, angular text marking; rotation, reflection, expansion, compression of marking contents

Sequence and serial numbering; Automatic date, layer and time coding, real-time clock;

Online coding of individual data (weight, contents, etc.)

Laser source

Ytterbium (Yb) pulsed fiber laser

Power classes 10 and 20 Watt

Central emission wavelength: 1,055 - 1,075nm (1.055 - 1.075µm)

Laser beam deflection

Digital high-speed galvanometer scan

Laser beam orientation

90-degree (standard) and straight-out (option)

Focusing (precision optics):

Focal lengths 6mm marking head: f = 50/ 100/ 165/ 258mm

Focal lengths 10mm marking head: f = 100/ 163/ 254/ 420mm

User interfaces

Integrated keypad

Handheld control unit; configurable in 16 languages (option)

Smart Graph software on PC; configurable in 20 languages (option)

Smart Graph software

Graphics-orientated user interface under Windows® for the intuitive and fast preparation

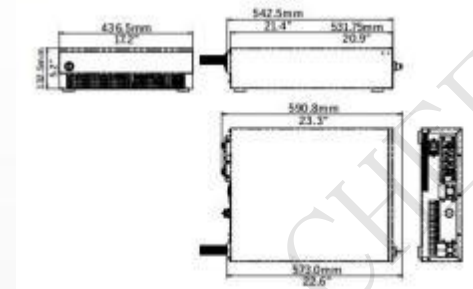
of complete marking jobs on PCs

System configuration

Text/ data/ graphics/ parameter editor

Configurable in 20 languages, e.g. in German, English, Japanese

Supply unit dimensions



Easy access to standard CAD and graphics programs thanks to import functions for the most important file formats (dxf, jpg, ai, etc.)

WYSIWYG

Various password-protected security levels

Smart Graph Com software

ActiveX software interface for integration into operation software

Communication

Ethernet (TCP/IP, 100Mbit LAN), RS232, digital I/Os

Inputs for encoders and product detector triggers

I/Os for start, stop, external error, job select, trigger, trigger enable, encoder; system ready, ready to mark, marking, shutter closed, error, bad, good signals and machine/ operator interlocks

Customer-specific solutions

Integration

Direct integration into complex production lines through the laser 's scripting interface

Integration via Ethernet and RS232 interface

Highly precise side guided height adjustment via dovetail joint

Electrical requirements

100 - 240 V (autorange), 200 VA, 1 PH, 50/60 Hz

Environmental protection

Supply unit: IP21, air cooled

Laser head: IP54, air cooled

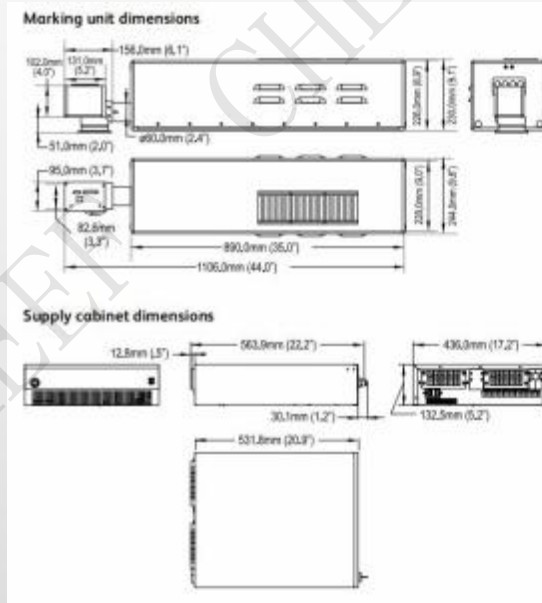


VIDEOJET 7810



Marking fields
 64x76 mm² (SS10, f=103 mm) - 375x375 (SS07/SS10, f=511 mm)
Marking heads
 SS10 and SS7 with focusing lenses: f=103 mm/160 mm/214 mm/511 mm
Marking speed
 Up to 500 characters per second; 984 ft/min (300 m/min)
Laser source
 Pulsed Nd: YVO4 (Vanadat)
Power class 2-Watt
 Central emission wavelength: 355nm
Beam deflection
 2 high-speed galvanometer scanners
Beam orientation
 90-degree
Operator interface
 Smart Graph software on PC; configurable in 12 languages
Language capabilities
 Chinese, Czech, Dutch, English US, French, German, Italian, Japanese, Polish, Portuguese, Russian, and Spanish
Communication
 Ethernet, TCP/IP and RS232, digital I/Os
Inputs for encoders and product detector triggers
 I/Os for start, stop, external error, job select, trigger, trigger enable, encoder; system ready, ready to mark, marking, shutter closed, error, bad, good signals and machine/operator interlocks
Integration
 Direct integration into complex production lines via scripting interface
 Integration via Ethernet and RS232 interface
 Highly precise side guided height adjustment via mounting with T-nut baseplate

Electrical requirements
 100-240 VAC (autorange), 50/60 Hz
Power consumption
 Typically 400Watt, 10A
Cooling system
 Air cooled
Environment
 50 - 104° F (10-40°C) (non-condensing)
Sealing and safety standards
 Marking unit: IP20
 Supply unit: IP21
LASER CLASS 4 product (acc. to IEC / EN 60825- 1:2014)
Approximate weight
 Supply unit: 44 lbs. (20 kg)
 Marking unit: 55 lbs. (25 kg) max, without F-Theta lens
Applicable certifications
 CE, CB, TÜV/NRTL



VIDEOJET Unicorn I



System Includes

Controller/Input Device; Printhead; Universal Power Supply;
Mounting Bracketry and Starter Ink Kit
Built-in Software Features
Customized time and date codes
Rollover hour
Expiration date for automatic printing of up to two distinct dates of expiration
Shift organizer for automatic coding by particular shifts (up to 4 shifts)
Print delay for message placement
Character width adjustment
Consecutive incremental numbering
Selectable Languages (Built-in)
Dutch; English; Finnish; French; German; Greek; Italian; Katakana; Portuguese; Spanish; Swedish
Special application units include: Arabic; Chinese; Hebrew
Print Heights
Standard Print Height: 3/8 inch (10 mm)
Optional Heights: 5/ 16 inch (7.9 mm); 1/2 inch (12.7 mm); 3/4 inch (20 mm)
Character Fonts
7 x 5 dot matrix, 54 printable ASCII characters
Printable accented characters
Conveyor Line Speed
20 feet/min. (6. 1 m/min.) to 200 feet/min. (61.0 m/min.)

Message Length

Up to 40 characters

Message Storage Capacity

Up to 52 messages

Operating Temperature Range

40°F to 120°F (4°C to 49°C)

Electrical

System uses a universal switching power supply.

Ink System

Internally regulated ink system; factory set; no adjustment necessary

Ink

8 oz. (0.23 liter) bladder pressurized, non-aerosol ink bottle

Shipping Weight

14 lbs. (6.4 kg)

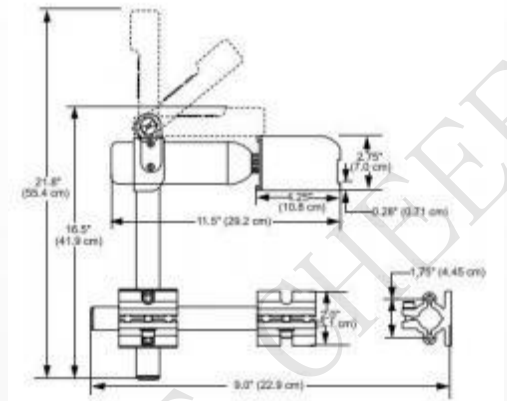
Mounting Bracketry

15 inch (38.9 cm) and 9 inch (22.8 cm) tubing with 1.0 inch (2.54 cm) outside diameter (OD)

Optional Bracketry for Special Installations

Long Reach Bracket Kit available for special mounting situations

Remote Bracket Assembly Kit enables printhead to be mounted up to 20 feet (6. 1 m) from controller



VIDEOJET Unicorn II



System Includes

Controller/input device; printhead; universal power supply; mounting bracketry and a bottle of porous Ink

Built-In Software Features

Customized time and date codes
Rollover hour
Expiration date for automatic printing
Shift organizer for automatic coding by particular shifts (up to 4 shifts)
Print delay for message placement
Character width adjustment
Variable speed or fixed speed printing
Consecutive incremental numbering

Operating Languages

Dutch, English, Finnish, French, German, Italian, Portuguese, Spanish, Swedish, Norwegian, Turkish, Hungarian
Additional printable characters: Cyrillic, Arabic, Hebrew, Polish
Special application units include: Japanese, Kcrean, Simplified Chinese, Traditional Chinese, Thai

Print Heights

Standard print height: 1.0 inch (25mm)
Optional heights: 0.75 inch (20 mm), 1.25 inches (32mm), 1.9 inches (48mm)

Character Fonts

7x5 dot matrix, 16x16 dot matrix

Conveyor Line Speed

20 fpm (6.1 mpm) to 200 fpm (61.0 mpm)

Message Length

Up to 40 characters of 16 dot font or two 80 character rows of 7 dot font

Message Storage Capacity

Up to 40 messages

Operating Temperature Range

40°F to 120°F (4°C to 49°C)

Electrical

System uses a universal switching power supply
100/240VAC at 50/60Hz

Print Sensor

Internal sensors included; external sensor is optional

Ink System

Internally regulated ink system; factory set, no adjustment necessary

Ink

8 oz. (0.23 liter) bladder pressurized, non-aerosol ink bottle
Optional bulk ink option (5 gal.) available; ADS Ink System required

Shipping Weight

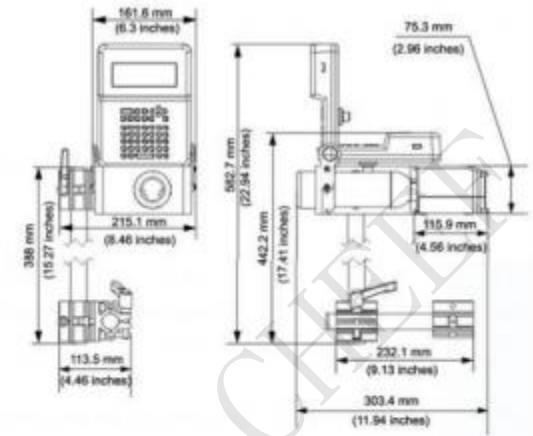
11.45 lbs. (5.19 kg)

Mounting Bracketry

15.0 and 9.0 inch (38.9 and 22.8 cm) tubing with 1.0 inch (2.54 cm) outside diameter (OD)
Optional hand levers can be installed for simple up/down and in/out adjustments

Optional Bracketry for Special Installations

Long Reach Bracket Kit available for special mounting situations



VIDEOJET 2120



System Includes

- User interface and controller
- External power supply and bracket
- Printhead(s)
- Printhead cable(s)
- Ink system plus level detect, 1 Liter
- Level detect harness
- Bracket kit
- Product sensor

Built-in Software Functions

- Time of day, internal or remote
- Real Time Clock (RTC)
- Counters: increment and decrement numbers or characters
- Remote download through RS232 or TCP/IP communication
- Print delay
- Print orientation: inverted, reversed or both
- Print Formats
- Upper and lower case characters
- Multi-stroke characters
- Bold characters
- Adjustable character widths
- Print orientation: inverted, reversed or both
- Print Height and Print Speeds

Note: Minimum speed is 26 fpm (8 m/min.) for both 700 and 800 series printheads

Note: Dot size setting can have an effect on the maximum line speed

800 Series printheads (for nonporous substrates)

Printhead	# of dots	Print Height		Max Line Speed	
		55°	80°	55°	80°
807	7	1.5" 37 mm	0.4" 11 mm	413 fpm 126 m/min.	285 fpm 87 m/min.
816	16	3.6" 92 mm	1.1" 28 mm	413 fpm 126 m/min.	285 fpm 87 m/min.

*For 5x5 font matrix, max speed at stated print height is 220 fpm (67 m/min.)

Inks and Delivery Systems

Colors: black, red, blue

Capacity: Standard 1 liter; 5 gallon with optional ADS Plus

Characters/liter

707 Printhead (7 Dot Font) - 300,000 characters/liter

716 Printhead (16 Dot Font) - 56,000 characters/liter

807 Printhead (7 Dot Font) - 400,000 characters/liter

816 Printhead (16 Dot Font) - 60,000 characters/liter

Surfaces: porous and non-porous

Delivery: optional Air Delivery System (ADS Plus)

Electrical Specifications

Mains Voltage: 100 to 240 VAC

Frequency: 47 to 63 Hz

Input Current: 1.07 A Max

Safety Protection: Class I

Environmental Specifications

Operating temperature: 5°C to 40°C (41°F to 104°F)

Rate of change of ambient temperature: 10°C (50°F) per hour maximum

Relative humidity: 10 to 90% non-condensing

Weight

CLARiTY Controller 2.54 lbs (1.15 Kg)

700 Series printhead (7 valve) 1.10 lbs (0.5 Kg)

700 Series printhead (16 valve) 1.99 lbs (0.9 Kg)

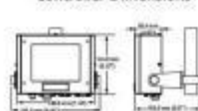
800 Series printhead (7 valve) 0.88 lbs (0.4 Kg)

800 Series printhead (16 valve) 1.87 lbs (0.85 Kg)

700 Series printheads (for porous substrates)

Printhead	# of dots	Print Height	Max Line Speed
707	7	0.5" 13 mm	236 fpm 72 m/min.
707	7	0.8" 20 mm	371 fpm 113 m/min.
716	16	1.2" 30 mm	236 fpm 72 m/min.
716	16	2.0" 50 mm	371 fpm 113 m/min.

Controller Dimensions



700 Series Printhead Dimensions



800 Series Printhead Dimensions



VIDEOJET 2340



Print Speed

Bar code printing – 0.3 - 66mpm (1.0 to 216ft/min.)

Alphanumeric text – up to 132mpm (433ft/min.)

Speeds are density dependent

Print Distance

0.5mm to 4.0mm max. (0.02 - 0.15")

Print Area (per printhead)

17mm (H) x 2000mm (L) (0.7" x 78"), 180 dpi

Bar Codes

PTI compliant, GS1- 128, ITF- 14 (UCC case code), SSCC- 18, EAN13, UPC-A, UPC-E,

EAN8, DataMatrix, Code 128, I 2 of 5, Code 39, others as required

Operator Interface

Full-color 5.7" LCD touch-panel Videojet CLARiTY™ interface

Job selection and database support as standard

WYSIWYG print preview

Code Assurance

On-board diagnostics

Graphics, Images and Logos

Multiple graphic formats supported using CLARiSOFT™

Printing Capabilities

CLARiSOFT™ Package Coding Design Software

Full downloadable font support for TrueType® fonts

Scalable text including rotation, mirror and inverse printing

Auto real time and date functions

Auto best before date calculation and concession management

Auto incrementing & decrementing text, counters and bar codes

Hour, day of week, day of month, week of year, month of year,

year of decade and Arabic date support

Start of day, shift codes, factory, machine, line ID

Languages

English, Arabic, Chinese (Mandarin), Danish, Dutch, Finnish, French, Hungarian, Italian,

Japanese, German, Greek, Polish, Portuguese, Russian, Spanish, Swedish and Turkish

On-Board Memory

512 MB memory, CompactFlash®

Inputs / Outputs

Multiple inputs and outputs available. Contact Technical Support or see Service

Manual

for details.

Supported Field Types

Fixed, variable (user entered), merged, database, counters, date, offsets, time, paragraph (Text Blocks)

Basic shape drawing (circles, rectangles etc.)

Communications Protocols

RS-232 point-to-point communications

Ethernet 10/ 100 Base TX network communications

Binary and ASCII comms protocols and Windows drivers

Host PC mode (Remote Database) using CLARiNET®

USB connectivity for job download and software updates

Zebra (ZPL) protocol support

Connectivity

Up to (4) printheads in leader/follower mode

Group job selection function and group printer control function

Network Control Software

CLARiNET™ network management software

CLARiTY™ Configuration Manager

'Off-Line' set up and parameter storage available as standard

Ink/Ink System

Non-pressurized, screw-in canister; 175ml or 365ml

Colors available: black, blue, green, orange, purple, red, yellow

Power Supply

90-264VAC, 47-63 Hz, 140VA (max)

0.7 maximum amps required

Air Supply

6 Bar, 90psi, dry, uncontaminated

Operating Temperature

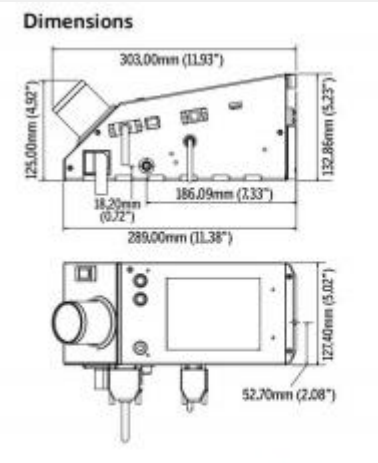
10°-35° C (50°-95° F)

Weight

Boxed 12lbs (5.4kg); Unboxed: 8lbs (3.6kg)

Approvals

CE/UL60950:2000 (3rd edition)



VIDEOJET Marsh PatrionPlus



System Components

Controller

RS-232 Interface compatible

Printhead

High Resolution or Valve Jet (see below)

Ink System (HR)

Capillary feed 13oz./382 ml reservoir

Ink System (VJ)

Marsh ADS System

Photocell

External Diffuse and Retroflective Beam

Input Device

QWERTY-style keypad integral to the Controller

Cabinetry

NEMA 12/IP 51 stainless steel option

System Operation

Electrical Requirements

Operable on 50 Hz or 60Hz 100 VAC through 240 VAC

Printhead Operation: (HR)-High Resolution

Print Speed

20 to 200 fpm (6 to 61 mpm)

Character Height

0.25" (6 mm) to 2.0" (50 mm)

Fonts

Roman Fixed Width, logos, bar codes, and special characters.

Printhead Operation: (VJ)-Valve Jet

Print Speed

20 to 200 fpm (6 to 61 mpm)

Character Height

3/8" (10 mm) to 2.0" (50 mm) dependent upon printhead selected

Fonts

5x5, 7x5, 9x7, 14x 10; 16x 12 uppercase in 16 dot; 16x 12 lowercase

Printhead Orientation

Distance to Print Surface

Not greater than 0.25" (6 mm)

Firing Directions

360°

Mounting

Conveyor or floorstand

Messages

Alphanumeric Lines

1- 4 per printhead, dependent upon font and printhead

Font

64-Character ASCII set plus special and accented characters

Ink Series 2000: (HR)-High Resolution

Colors

Black, Red, Blue, Green

Capacity

13oz. (382 ml) ink reservoir; 17oz. (500 ml) bottle

Surfaces

Porous only

Ink Series: (VJ)-Valve Jet

Colors

Black, Red, Green, Blue, Violet, Orange, Brown, Yellow, Ultraviolet

Consumption

600,000 character/quart

Capacity

5 gallons/18.9 liters

Surfaces

Porous and non-porous

Environmental Limits

Operating Conditions

Any normal, non-condensing or harsh environment with a temperature range of 40° F to 120° F (4.4° C to 49° C)

VIDEOJET 2351/2361



Print Speed

Bar code printing – 0.3 - 66mpm (1.0 to 216ft/min.)

Alphanumeric text – up to 132mpm (433ft/min.)

Speeds are density dependent

Print Distance

0.5mm to 4.0mm max. (0.02 - 0.15")

Print Area (per printhead)

2351: 53mm (H) x 2000mm (L) (2.1" x 78"), 180 dpi

2361: 70mm (H) x 2000mm (L) (2.8" x 78"), 180 dpi

Bar Codes

PTI compliant, GS1- 128, ITF- 14 (UCC case code), SSCC- 18, EAN13, UPC-A, UPC-E,

EAN8, DataMatrix, Code 128, I 2 of 5, Code 39, others as required

Operator Interface

Full-color 5.7" LCD touch-panel Videojet CLARiTYTM interface

Job selection and database support as standard

WYSIWYG print preview

Code Assurance

On-board diagnostics

Graphics, Images and Logos

Multiple graphic formats supported using CLARiSOFTTM

Printing Capabilities

CLARiSOFTTM Package Coding Design Software

Full downloadable font support for TrueType® fonts

Scalable text including rotation, mirror and inverse printing

Auto real time and date functions

Auto best before date calculation and concession management

Auto incrementing & decrementing text, counters and bar codes

Hour, day of week, day of month, week of year, month of year,

year of decade and Arabic date support

Start of day, shift codes, factory, machine, line ID

Languages

English, Arabic, Chinese (Mandarin), Danish, Dutch, Finnish, French, Hebrew, Hungarian,

Italian, Japanese, German, Greek, Polish, Portuguese, Romanian, Russian,

Serbian,

Spanish, Swedish, Thai and Turkish

On-Board Memory

512 MB memory, CompactFlash®

Inputs / Outputs

Multiple inputs and outputs available. Contact Technical Support or see Service Manual for details.

Supported Field Types

Fixed, variable (user entered), merged, database, counters, date, offsets, time, paragraph (Text Blocks)

Basic shape drawing (circles, rectangles etc.)

Communications Protocols

RS-232 point-to-point communications

Ethernet 10/ 100 Base TX network communications

Binary and ASCII comms protocols and Windows drivers

Host PC mode (Remote Database) using CLARiNETTM

USB connectivity for job download and software updates

Zebra (ZPL) protocol support

Connectivity

Up to (4) printheads in leader/follower mode

Group job selection function and group printer control function

Network Control Software

CLARiNETTM network management software

CLARiTYTM Configuration Manager

'Off-Line' set up and parameter storage available as standard

Ink/Ink System

Non-pressurized, screw-in canister; 175ml or 365ml

Colors available: black, blue, green, orange, purple, red, yellow

Power Supply

90-264VAC, 47-63 Hz, 140VA (max)

0.7 maximum amps required

Air Supply

6 Bar, 90psi, dry, uncontaminated

Operating Temperature

10°-35° C (50°-95° F)

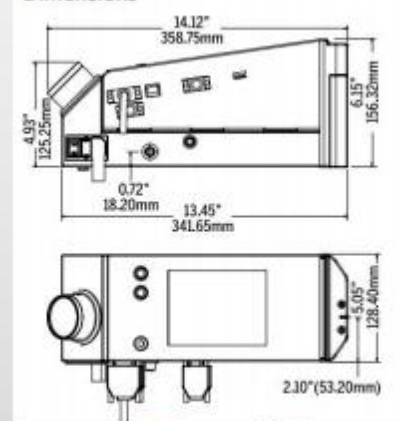
Weight

Boxed: 12lbs (5.4kg); Unboxed: 9lbs (4.1kg)

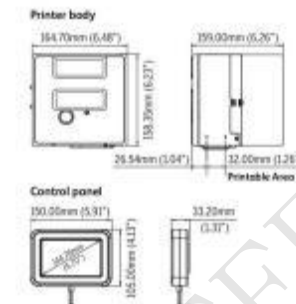
Approvals

CE/UL60950:2000 (3rd edition)

Dimensions



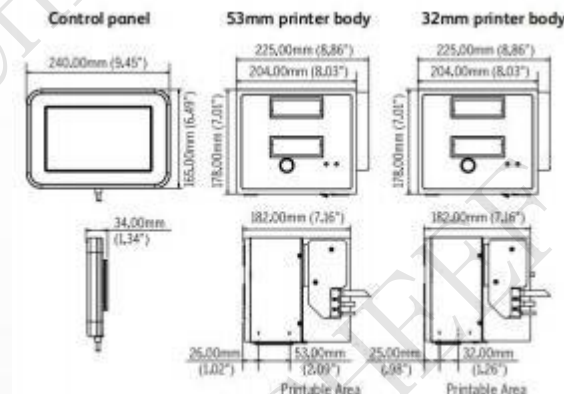
VIDEOJET 6230



Printhead
 32mm, 200 dpi (8 dots/min)
Print Area
 Continuous mode: Max. 32mm x 100mm (1.26" x 3.93")
 Intermittent mode: Max. 32mm x 47mm (1.26" x 1.85")
Printing Modes
 Continuous & Intermittent modes in the same machine
Print Speed
 Intermittent: 50mm/sec. to 300mm/sec. (2.0" /sec to 11.8" /sec)
 Continuous: 40mm/sec. to 500mm/sec. (1.6" /sec to 19.7" /sec)
Operator Interface
 5.0" Color QVGA CSTN LCD and touch screen (800 x 480 pixels)
 WYSIWYG print preview
 On-board diagnostics
 3 levels of password protection
 Multiple language support
Ribbon Drive
 Solid-state, clutchless bi-directional ribbon drive, including
 • Ribbon break detection
 • End of reel detection
 • Ribbon consumption indication
 • Ribbon Saving Mode: Radial
Printing Capabilities
 Full downloadable font support using Windows® TrueType® fonts
 Fixed and variable text and numeric data
 User entered text and numeric data (including Chinese)
 Flexible date / time formats (based on internal real time clock)
 Auto best before date calculations
 Flexible shift code formats
Bar Codes
 EAN8, EAN13, UPCA, UPCE and QR codes
Ribbon Length
 700 meters (766 yds.) maximum, available in variety of grades and colors
Ribbon Widths
 0.8" (20mm) min, 1.3" (33mm) max

Image Management
 Design
 Videojet CLARiSOFT™ CLARiSUITET™ or VideojetConnect™ Design Template
Management software
Storage
 Internal memory 30 MB, expandable to 4GB
 Message upload
 USB memory stick
Ethernet
 RS232
 Videojet 6230 App* via Bluetooth**
Network Management Software
 CLARINET™
 Remote Config Configuration Software
 CLARITY™ Configuration Manager (included)
External Communications
 USB memory stick, ethernet, RS232, ASCII and binary communications
External Inputs
 Print Go
 Inhibit Print
 Encoder (single phase or quadrature)
External Outputs
 Fault
 Warning
 Busy
 Printing
 Standard installation options leader/follower configuration
 Up to four Videojet 6230 printers controlled via a single CLARITY™ control unit
Power Supply
 100-240 VAC, 50/60Hz, 24V (120W) 5A
Operating Temperature
 32°- 104°F (0°- 40° C)

VIDEOJET 6330



Printhead

32 or 53mm, 300dpi (12dot/mm)

Print area

32mm intermittent printing mode: 1.3\" (32mm) wide x 3.0\" (75mm) long

32mm continuous printing mode: 1.3\" (32mm) wide x 7.9\" (200mm) long

53mm intermittent printing mode: 2.1\" (53mm) wide x 3.0\" (75mm) long

53mm continuous printing mode: 2.1\" (53mm) wide x 7.9\" (200mm) long

Minimum print speed

Intermittent mode: 1.6 in./sec (40mm/sec) full print quality; 0.4 in./sec (10mm/sec) draft

mode print quality

Continuous mode: 1.6 in./sec (40mm/sec) full print quality; 0.04 in./sec (1mm/sec) draft mode print quality

Maximum print speed

29.5 in./sec (750mm/sec)

Maximum throughput

Up to 250 prints per minute

Printing capabilities

Full downloadable font support using TrueType® fonts (including multiple languages and Unicode support); fixed, variable and merged text fields; flexible date/time formats; flexible shift code formats; auto best before date calculations and concession

management; calendar rules; auto incrementing decrementing text, counters and bar codes; multiple graphic formats supported (up to maximum print area); link fields to

databases; scalable text and text blocks

Bar codes

EAN 8, EAN 13, UPC-A, UPC-E, Code 39, EAN 128, Code 128, ITF, RSS

(including 2D composite codes), DataMatrix, QR; others available upon request

Operator interface

TFT SVGA 800x480 full-color LCD and touch screen, WYSIWYG print preview, full on-board diagnostics, 3 levels of password protection, extensive language support

Ribbon range

Full assortment of wax/resin and resin ribbons

Maximum ribbon length

Lengths up to 1,200 meters available, dependent on ribbon composition and color

Ribbon widths

53mm: 0.8\" (20mm) min, 2.2\" (55mm) max

32mm: 0.8\" (20mm) min, 1.3\" (33mm) max

Nominal gap between successive prints

0.02\" (0.5mm)

Ribbon saving features

Radial, interleaved, intermittent stripes

Image design software

Videojet CLARiSOFT™, CLARiSUITE® or VideojetConnect™ Design Template

Management software

Network management software

CLARiNET™

Remote coder configuration software

CLARiTY™ Configuration Manager

“Off-line” set up and parameter storage available as standard

Standard installation options leader/follower configuration

Up to four Videojet DataFlex® 6330 printers controlled via a single CLARiTY control unit

Web browser mode

Control Videojet DataFlex® 6330 units remotely through the host packaging machine interface

External communications

RS232, dual Ethernet, USB memory stick and scanner support, Binary and ASCII comms protocols, Windows® drivers, ZPL and SATO emulations

External inputs/outputs

3 PNP inputs

2 relay outputs and 2 PNP +24V outputs

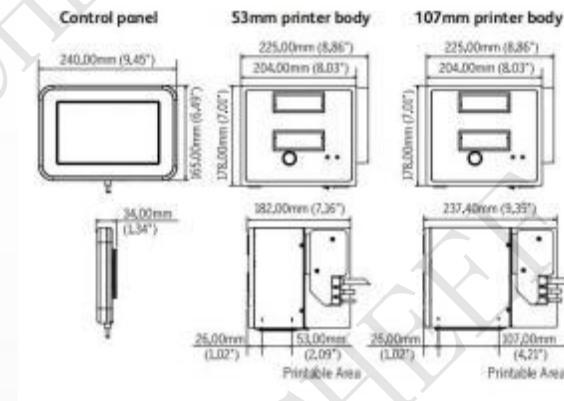
Power supply

100-240VAC

Operating temperature

0-40°C (32-104°F)

VIDEOJET 6530



Printhead

53mm or 107mm, 300dpi (12dot/mm)

Print area

53mm intermittent printing mode: 2.1" (53mm) wide x 3.0" (75mm) long

53mm continuous printing mode: 2.1" (53mm) wide x 11.8" (300mm) long

107mm intermittent printing mode: 4.3" (107mm) wide x 3.0" (75mm) long

107mm continuous printing mode: 4.3" (107mm) wide x 11.8" (300mm) long

Minimum print speed1

Intermittent mode: 0.4 in./sec (10mm/sec)

Continuous mode: 0.04 in./sec (1mm/sec)

Maximum print speed1

53mm intermittent printing mode: 31.5 in/sec (800mm/sec)

107mm intermittent printing mode: 23.6 in/sec (600mm/sec)

Continuous mode: 39.4 in./sec (1,000mm/sec)

Maximum throughput1

53mm normal print mode: Up to 500 prints per minute

53mm high throughput mode: Up to 700 prints per minute

107mm normal print mode: Up to 450 prints per minute

Printing capabilities

Full downloadable font support using TrueType® fonts (including multiple languages and Unicode support); fixed, variable and merged text fields; flexible date/time

formats; flexible shift code formats; auto best before date calculations and concession

management; calendar rules; auto incrementing decrementing text, counters and bar

codes; multiple graphic formats supported (up to maximum print area); link fields to

databases; scalable text and text blocks

Bar codes

EAN 8, EAN 13, UPC-A, UPC-E, Code 39, EAN 128, Code 128, ITF, RSS (including 2D

composite codes), DataMatrix, QR; others available upon request

Operator interface

TFT SVGA 800x480 full-color LCD and touch screen, WYSIWYG print preview, full on-board diagnostics, 3 levels of password protection, extensive language support

Ribbon range

Full assortment of wax/resin and resin ribbons

Maximum ribbon length

Lengths up to 1,200 meters available, dependent on ribbon composition and color

Ribbon widths

53mm: 0.8" (20mm) min, 2.2" (55mm) max

107mm: 2.2" (55mm), 4.33" (110mm) max

Nominal gap between successive prints

0.02" (0.5mm)

Ribbon saving features

Radial, interleaved, intermittent stripes

Image design software

Videojet CLARiSOFT™, CLARiSUITE® or VideojetConnect™ Design Template

Management software

Network management software

CLARiNET™

Remote coder configuration software

CLARiTY™ Configuration Manager

"Off-line" set up and parameter storage available as standard

Standard installation options leader/follower configuration

Up to four Videojet DataFlex® 6530 printers controlled via a single CLARiTY control unit

Web browser mode

Control Videojet DataFlex® 6530 units remotely through the host packaging machine interface

External communications

RS232, dual Ethernet, USB memory stick and scanner support, Binary and ASCII comms protocols, Windows® drivers, ZPL and SATO emulations

External inputs/outputs

3 PNP inputs

2 relay outputs and 2 PNP +24V outputs

Power supply

100-240VAC

Operating temperature

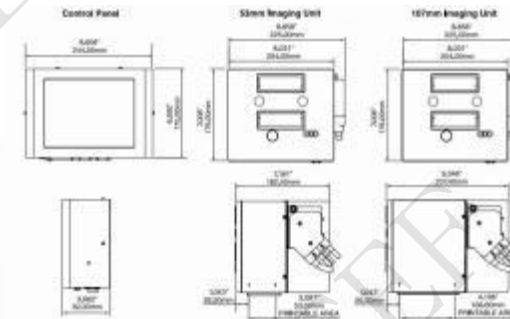
0-40°C (32- 104°F)2

Certifications

53mm version: CE, UL

107mm version: CE, TUV

VIDEOJET IP DataFlex PI



Printhead

55 mm or 110 mm, 300dpi (12 dot/mm)

Print Area

53 mm Unit

Intermittent Printing Mode: 2.1" (53 mm) wide x 3.0" (75 mm) long
(RH option) 2.1" (53 mm) wide x 2.7" (68 mm) long (LH option)

Continuous Printing Mode: 2.1" (53 mm) wide x 5.3" (200 mm) long
107 mm Unit

Intermittent Printing Mode: 4.2" (107 mm) wide x 3.0" (75 mm) long
(RH option) 4.2" (107 mm) wide x 2.7" (68 mm) long (LH option)

Continuous Printing Mode: 4.2" (107 mm) wide x 7.9" (200 mm) long
Minimum Print Speed

53 mm Unit & 107 mm Unit

Intermittent Mode: 1.96 in./sec (50 mm/sec)

Continuous Mode: 0 in./sec (0 mm/sec)

Maximum Print Speed

53 mm Unit

Intermittent Mode: 31.5 in./sec (800 mm/sec)

Continuous Mode: 39.4 in./sec (1000 mm/sec)

107 mm Unit

Intermittent Mode: 27.5 in./sec (700 mm/sec)

Continuous Mode: 31.4 in./sec (800 mm/sec)

Printing Capabilities

Full downloadable font support using TrueType® fonts (including multiple languages and Unicode support); Fixed, variable and merged text fields; Flexible date/time formats; Flexible shift code formats; Auto best before date calculations and concession management; Auto incrementing decrementing text, counters and bar codes; Multiple graphic formats supported (up to maximum print area); Link fields to databases; Scalable text and text blocks

Bar Codes

EAN 8, EAN 13, UPC-A, UPC-E, Code 39, EAN 128, Code 128, ITF, RSS (including 2D composite codes); others available upon request

Operator Interface

8.4-inch TFT SVGA (800x600) full-color LCD and touch screen, WYSIWYG print preview, Full on-board diagnostics, 3 levels of password protection, Extensive language support

Ribbon Range

Full assortment of wax / resin and resin inks

Maximum Ribbon Length

Lengths up to 1,200 meters (3,937 ft) available, dependent on ribbon width and color.

Ribbon Widths

0.8" (20 mm) min, 4.3" (110 mm) max

Nominal Ribbon Waste Between Successive Prints

0.002" (0.5 mm)

Ribbon Saving Features

Radial, interleaved, intermittent stripes

Image Design Software

CLARISOFT®

Network Management Software

CLARINET®

Remote Coder Configuration software

CLARITY® Configuration Manager

"Off-line" set up and parameter storage available as standard

Standard Installation Options Master / Slave Configuration

Up to 4 DataFlex printers controlled via a single CLARITY control unit

Web Browser Mode

Remote control of the DataFlex Plus units from a host bagging system control box interface

External Communications

RS232, Ethernet, USB memory stick and scanner support, Binary

and ASCII comms protocols and Windows drivers

External Inputs/Outputs

3 PNP inputs

2 relay outputs and 2 PNP +24V outputs

Air Supply

6 Bar, 90psi, uncontaminated 1.0ml/cycle (max)

Power Supply

90-264V

Operating Temperature

35 - 104°F (2 - 40°C)*

* With selected ribbons. Actual installation may require additional hardware based on production environment conditions.

VIDEOJET 8510



Line Speed / Resolution Capability

Maximum resolution of 600x600 dpi

5-250fpm (1.5-75mpm) at 600x240 dpi

Higher line speeds are possible at lower horizontal print resolutions

Printing Capabilities

Full downloadable font support using TrueType® fonts

Fixed, variable and merged text fields

Flexible date/time and shift code formats

Auto best before date calculations

Auto incrementing/decrementing text and counters

Multiple graphic formats supported (up to maximum print area)

Bar Codes

EAN8, EAN13, UPC-A/E, CODE 39, CODE128, EAN128, GS1 DataBar (including 2D composite), DataMatrix, QR, PDF417

Print Cartridge

Maximum of four 12.7mm tall, 600 dpi print cartridges (stacked/stitched or deployed independently)

Display

8.4-inch TFT SVGA (800x800) full-color LCD and touch screen

WYSIWYG print preview

Full on-board diagnostics

Three levels of password protection or advanced configurable password protection

Extensive language support (22 in total)

Data Interface

RS232, Ethernet, USB memory stick support, Text Communications Protocols

Controller Dimensions

9.6" (244mm) long

3.6" (92mm) wide

6.7" (170mm) high

Dimensions exclude printhead, accessory cables and power supply connections

Printhead Dimensions

Four printhead options are available with different dimensions to meet line integration requirements. The following dimensions are for the Standard Blue printhead:

4.5" (115 mm) long

4.3" (110 mm) high

2.4" (60 mm) wide (at rub plate)

Dimensions exclude cartridge and cable connections

Red, Green, and Gold printhead dimensions vary in length and height from Blue printhead

Temperature Range

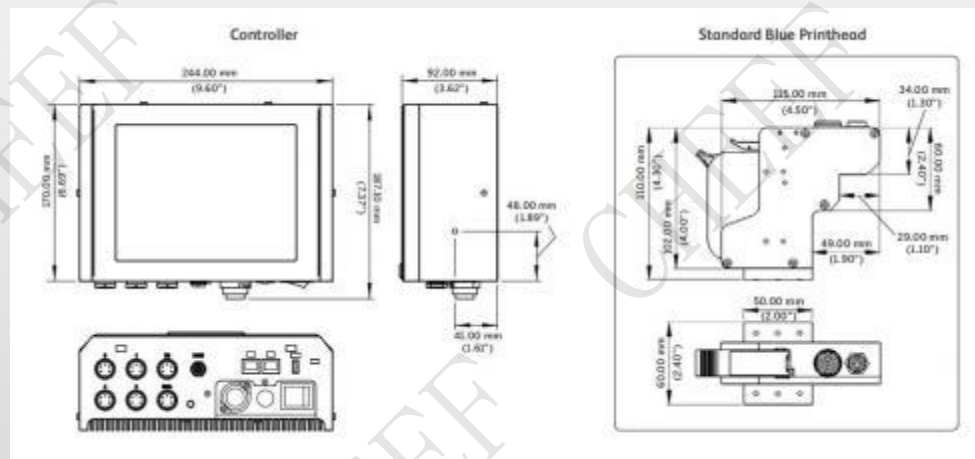
41°F to 113°F (5°C to 45°C)

Electrical Requirements

100-240 VAC 50/60Hz

Approximate Weight (Controller)

7.0lbs (3.2kgs)



VIDEOJET 8520



Line Speed / Resolution Capability

Maximum resolution of 600x600 dpi

5-360fpm (1.5- 109mpm) at 600x240 dpi

Higher line speeds are possible at lower horizontal print resolutions

Printing Capabilities

Full downloadable font support using TrueType® fonts

Fixed, variable and merged text fields

Flexible date/time and shift code formats

Auto best before date calculations

Auto incrementing/decrementing text and counters

Multiple graphic formats supported (up to maximum print area)

Bar Codes

EAN8, EAN13, UPC-A/E, CODE 39, CODE128, EAN128, GS1 DataBar (including 2D composite), DataMatrix, QR, PDF417

Print Cartridge

Maximum of four 12.7mm tall, 600 dpi print cartridges (stacked/stitched or deployed independently)

Features available with authentic Videojet TIJ ink cartridges: auto cartridge recognition

and parameter set up, ink batch/lot number tracking; portable ink level tracking and

enhanced print speeds

Display

8.4-inch TFT SVGA (800x800) full-color LCD and touch screen

WYSIWYG print preview

Full on-board diagnostics

Three levels of password protection or advanced configurable password protection

Extensive language support (22 in total)

Data Interface

RS232, Ethernet, USB memory stick support, Text Communications Protocols

Controller Dimensions

9.6" (244mm) long

3.6" (92mm) wide

6.7" (170mm) high

Dimensions exclude printhead, accessory cables and power supply connections

Printhead Dimensions

Four printhead options are available with different dimensions to meet line integration requirements. The following dimensions are for the Standard Blue printhead:

4.5" (115 mm) long

4.3" (110 mm) high

2.4" (60 mm) wide (at rub plate)

Dimensions exclude cartridge and cable connections

Red, Green, and Gold printhead dimensions vary in length and height from Blue printhead

Temperature Range

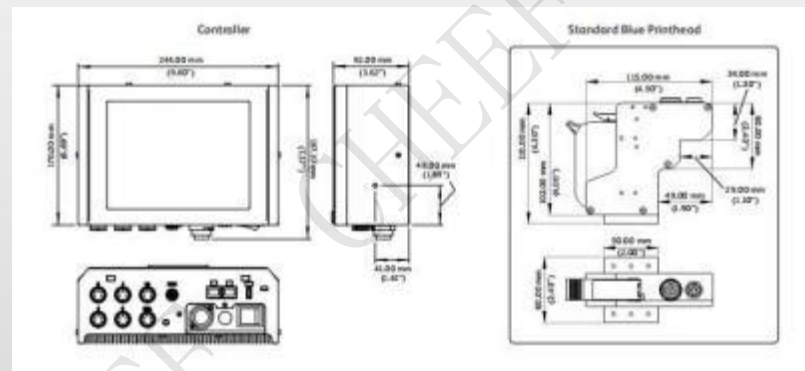
41°F to 113°F (5°C to 45°C)

Electrical Requirements

100-240 VAC 50/60Hz

Approximate Weight (Controller)

7.0lbs (3.2kgs)



VIDEOJET 8610



Line Speed / Resolution Capability

Maximum Line Speed

240 x 240 dpi = 51 m/min (167 ft/min)

240 x 180 dpi = 68 m/min (222 ft/min)

240 x 120 dpi = 102 m/min (333 ft/min)

Print quality is resolution and speed dependent

Printing Capabilities

Full downloadable font support using TrueType® fonts

Fixed, variable and merged text fields

Flexible date/time and shift code formats

Auto best before date calculations

Multiple graphic formats supported (up to maximum print area)

Print Area

Up to 2 independent 12.7 mm (1/2") high print areas

Fields can be independently placed within the print area

Maximum lines of code is font size dependent (4 lines at 6 pts)

Bar Codes

EAN8, EAN13, UPC-A/E, CODE 39, CODE128, EAN128, GS1 DataBar (including 2D

composite), DataMatrix, QR, PDF417

Display

8.4-inch TFT SVGA (800x800) full-color LCD and touch screen

WYSIWYG print preview

Three levels of password protection or advanced configurable password protection

Extensive language support (22 in total)

Controller Dimensions

245.70 mm (9.67") wide

142.90 mm (5.63") deep

203.20 mm (8.00") high

Dimensions exclude cartridge and cable connections

Controller Mounting

0 or 180 degree orientation

Mounting yoke included

Printhead Dimensions

194.60 mm (7.66") long

120.80 mm (4.75") high

122.60 mm (4.83") wide (at rub plate)

Dimensions exclude cartridge and cable connections

Printhead Mounting

Side or top orientation

Directly to conveyance system or optional printhead stand

Environmental Protection

IP65 controller cabinet, display and connections

304 stainless steel construction

Ink Cartridge

42 milliliters nominal

Drop size = 48 picoliters

2mm recommended throw distance

Temperature Range

41°F to 104°F (5°C to 40°C)

Electrical Requirements

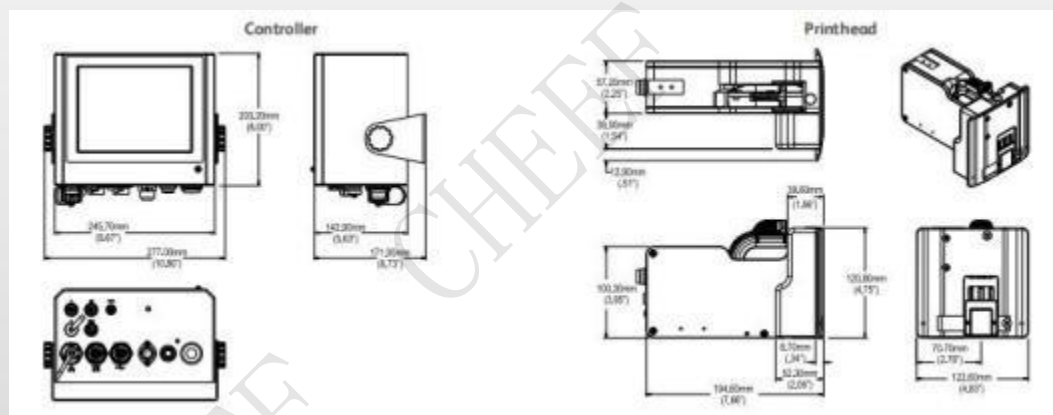
100-240 VAC 50/60Hz

Approximate Weight (Controller)

10.7 lbs (4.9 kgs)

Data Interface

RS232, Ethernet, USB memory stick support, Text Communications Protocols



VIDEOJET Wolke m610 advanced



Line Speed / Resolution Capability

Maximum Line Speed

240 x 240 dpi = 51 m/min (167 ft/min)

240 x 180 dpi = 68 m/min (222 ft/min)

240 x 120 dpi = 102 m/min (333 ft/min)

Print quality is resolution and speed dependent

Printing Capabilities

Full downloadable font support using TrueType® fonts

Fixed, variable and merged text fields

Flexible date/time and shift code formats

Auto best before date calculations

Multiple graphic formats supported (up to maximum print area)

Print Area

Up to 2 independent 12.7 mm (1/2") high print areas

Fields can be independently placed within the print area

Maximum lines of code is font size dependent (4 lines at 6 pts)

Bar Codes

EAN8, EAN13, UPC-A/E, CODE 39, CODE128, EAN128, GS1 DataBar (including 2D

composite), DataMatrix, QR, PDF417

Display

8.4-inch TFT SVGA (800x800) full-color LCD and touch screen

WYSIWYG print preview

Three levels of password protection or advanced configurable password protection

Extensive language support (22 in total)

Controller Dimensions

245.70 mm (9.67") wide

142.90 mm (5.63") deep

203.20 mm (8.00") high

Dimensions exclude cartridge and cable connections

Controller Mounting

0 or 180 degree orientation

Mounting yoke included

Printhead Dimensions

194.60 mm (7.66") long

120.80 mm (4.75") high

122.60 mm (4.83") wide (at rub plate)

Dimensions exclude cartridge and cable connections

Printhead Mounting

Side or top orientation

Directly to conveyance system or optional printhead stand

Environmental Protection

IP65 controller cabinet, display and connections

304 stainless steel construction

Ink Cartridge

42 milliliters nominal

Drop size = 48 picoliters

2mm recommended throw distance

Temperature Range

41°F to 104°F (5°C to 40°C)

Electrical Requirements

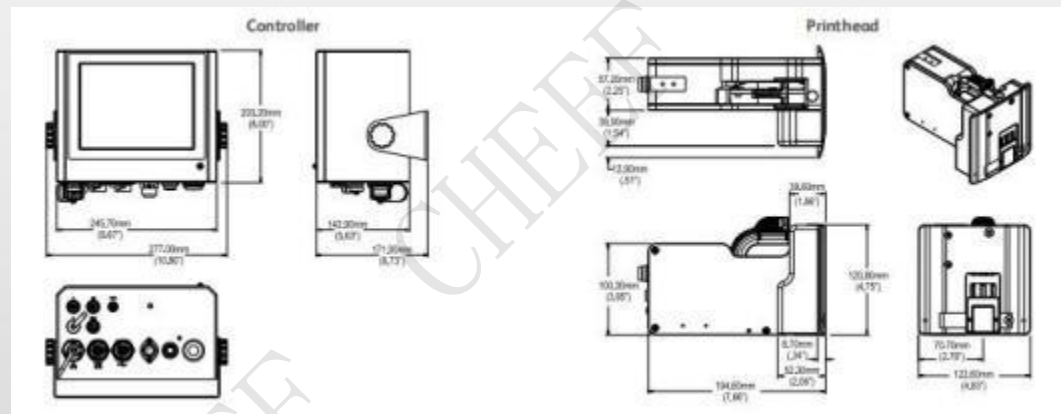
100-240 VAC 50/60Hz

Approximate Weight (Controller)

10.7 lbs (4.9 kgs)

Data Interface

RS232, Ethernet, USB memory stick support, Text Communications Protocols



VIDEOJET

Wolke m610 oem



Hardware

Line speed/resolution capability

Maximum 300mpm (984fpm)

Maximum resolution of 600x600 dpi

Line speed dependent on selected print resolution

Display

3.5" resistive display; auto-rotates in any orientation

Memory

512 MB

Configurable variable data buffer

Data connectivity

Differential Encoder, 24V DC I/O connector, Ethernet, TCP/IP, FTP, USB-A

Controller dimensions

8.7" (220mm) long x 7.8" (200mm) wide x 3.15" (80mm) high

Printhead

Connect up to 6 printheads, which can print simultaneously, for maximum flexibility

Choice of 4 printhead designs for optimal integration in tight spaces

Environmental protection

IP20 (controller)

Temperature/humidity range

41°F to 113°F (5°C to 45°C)

Non-condensing humidity

Electrical requirements

External 24 V DC power supply, 150 Watt

Approximate weight (controller)

4.85lbs (2.2kg)

Software

Webserver

Simple user interface

Message editing capability

Single sign-on

Integrated event logging

Touch to edit

Quick position to edit

Linear bar codes

EAN8, EAN13, UPC-A/E, CODE128, EAN128, GS1 Databar stacked/limited,

2/5i, Codabar, CODE39

2D Codes

Full suite of options, including DataMatrix, QR, GS1, PPN, HIBC, and others

Language options

English, Arabic, Bulgarian, Croatian, Czech, Danish, Dutch, Finnish, French, German, Greek, Hebrew, Hungarian, Italian, Japanese, Korean, Norwegian, Polish, Portuguese, Russian, Simplified Chinese, Spanish, Swedish, Thai, Traditional Chinese, Turkish, Vietnamese

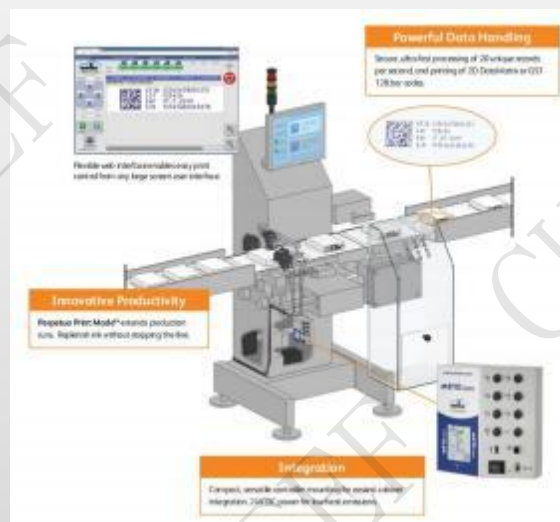
Wolke Label Creator™

Supports True Type® Fonts

Enables editing or upgrade of existing m600 advanced label

Unicode (UTF8)

Print fully variable codes with non-Latin characters. Examples: ; облако; €



VIDEOJET Wolke m610



Line Speed / Resolution Capability

Maximum resolution of 600x600 dpi

5-360fpm (1.5- 109mpm) at 600x240 dpi

Higher line speeds are possible at lower horizontal print resolutions

Printing Capabilities

Full downloadable font support using TrueType® fonts

Fixed, variable and merged text fields

Flexible date/time and shift code formats

Auto best before date calculations

Auto incrementing/decrementing text and counters

Multiple graphic formats supported (up to maximum print area)

Bar Codes

EAN8, EAN13, UPC-A/E, CODE 39, CODE128, EAN128, GS1 DataBar (including

2D composite), DataMatrix, QR, PDF417

Print Cartridge

Maximum of four 12.7mm tall, 600 dpi print cartridges (stacked/stitched or deployed independently)

Features available with authentic Videojet TIJ ink cartridges: auto cartridge

recognition

and parameter set up, ink batch/lot number tracking; portable ink level tracking

and

enhanced print speeds

Display

8.4-inch TFT SVGA (800x800) full-color LCD and touch screen

WYSIWYG print preview

Full on-board diagnostics

Three levels of password protection or advanced configurable password protection

Extensive language support (22 in total)

Data Interface

RS232, Ethernet, USB memory stick support, Text Communications Protocols

Controller Dimensions

9.6" (244mm) long

3.6" (92mm) wide

6.7" (170mm) high

Dimensions exclude printhead, accessory cables and power supply connections

Printhead Dimensions

Four printhead options are available with different dimensions to meet line integration requirements. The following dimensions are for the Standard Blue printhead:

4.5" (115 mm) long

4.3" (110 mm) high

2.4" (60 mm) wide (at rub plate)

Dimensions exclude cartridge and cable connections

Red, Green, and Gold printhead dimensions vary in length and height from Blue printhead

Temperature Range

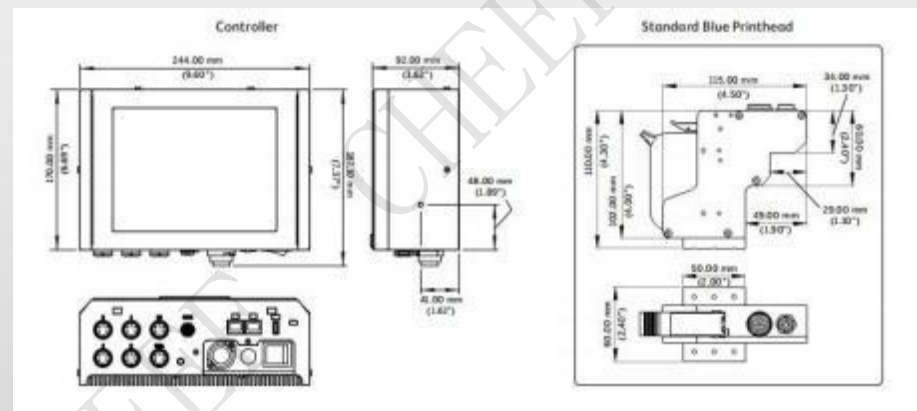
41°F to 113°F (5°C to 45°C)

Electrical Requirements

100-240 VAC 50/60Hz

Approximate Weight (Controller)

7.0lbs (3.2kgs)



DOMINO A120



A120	
Operational Capability	
Max number of messages	300
Max number of characters per field	256
Max number of fields per message	40
Logo generation	On board
Max number of logos	250
Max number of strokes per logo	2000
Max print format height	25 drops
Max number of lines of text	3
Max line speed	148m/min
Interfaces	
QVGA (320x240) with key board	Standard
4 Stage 24V beacon	Optional
4 Stage alarm (voltage free contacts)	Optional
Product detector	Standard
Shaft encoder	Standard
Environment	
Weight	23kgs
Stainless Steel	304 or equivalent
IP Rating (designed to)	55
Operating temperature (ink dependent)	5 °C to 45°C
Humidity	10% to 90%
Power requirement	96-256v 47-63hz
Power consumption	56Watts
Compliance	
CE	Standard
RoHS	Standard
Sony Green Partner	Standard
Eupia compliant inks	Standard
Print head	
Conduit length	3m
Bend Radius	45mm
Nozzle size	60µ
SureStart	Standard
Heater	Standard
Positive air pump	Optional
Ink System	
Ink Cartridge	825ml
MU cartridge	825ml
Ink Reservoir	1200ml
Solvent Reduction (Paltier)	Optional

Parameter information

Control Panel: Touch Membrane Buttons

Weight: 23kg

Chassis: 304# stainless steel

Number of lines to print: 1-3 lines

Maximum speed: 148 m/min

Conduit length: 3M

Nozzle size: 60um

The introduction of Domino's A120 inkjet printer will gradually become a mainstream product in the market, replacing Domino's original old model A100. The protection grade reaches IP55, and the compact industrial design 304 stainless steel case meets the environmental requirements. Up to 3 lines of printing ability, to meet 80% of the market needs.

A series nozzle, sealed nozzle

Real switch machine automatic cleaning

The sealed ink circuit system based on the design of the A series main ink tank has been recognized by customers.

Domino printer A120

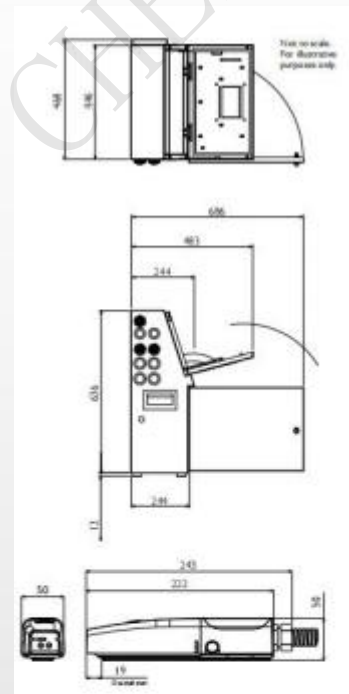
Easy-to-operate editor, simple field-wide editing method, and complex information can be edited even without experience.

Simple operation to switch print speed and print format.

Avoid losses caused by unauthorized user changes.

No special training required, one-button power on/off.

Single motherboard electronic system, high and low voltage integrated power supply



DOMINO

A200



Control Unit

Control Panel: Membrane touch button

Cabinet: Stainless Steel (304) designed to IP53
(BSEN 60529: 1992)

Cabinet

dimensions: 245mm x 475mm x 725mm (9.6" x 18.7" x 28.5")

Weight: 36kg (79lbs)

Character Control

- Auto repeat • Character width and
- Auto invert/reverse height adjustment
- User defined clock format • Print delay
- Sequential/batch numbering • Product counter
- Inverse reverse and • Barcodes
- bold characters • Message repeat

Data Input Options

- Serial RS232 • Ethernet, RJ45 Connector
- Rate: 110-38.4k Baud, software configurable

Ink System

Viscosity control: Automatic

Ink bleed control: Automatic on start up

Ink and make-up refill: 825ml (.87qt) cartridge
automatically metered

Peltier: Optional

Print head

Dimensions: 240mm x 41mm x 47mm (9.45" x 1.61" x 1.85")

Conduit length: 3m (11' 8) or 6m (23' 6)

Positive air: Optional internal supply

Airdryer: Internal compressor or factory air option

Environment

Temperature range: 5 – 45°C (40 – 112°F) operating

Humidity: 10 – 90% (non-condensing)

Electrical requirements: Single phase, fully auto-ranging

90 – 132V/ 180 – 264V, 50/60Hz 200VA

Standard Connections

Product detector: 12V 100mA for photocell or

proximity detector. IP68 6 way socket

Shaft encoder input: Open collector or TTL encoder

12V via IP68 6 way socket

Options

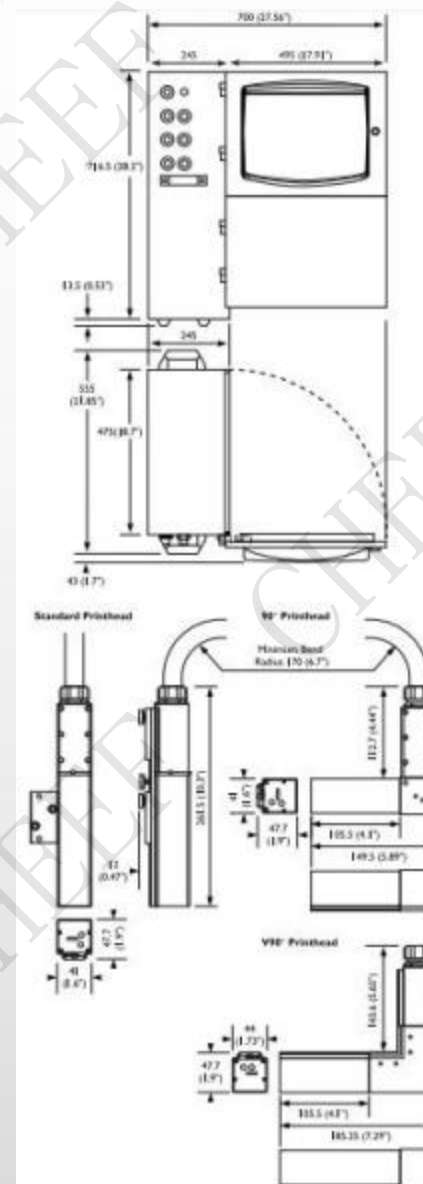
Alarm beacon connector: IP68 7 way socket

Auxiliary alarms connector: IP68 9 way plug

User port connector: IP68 25 way socket

Accessories

Full range of photocells, stands and bracketry



DOMINO

A200+



IP RATING IP53 (1992) IP55 (1992)

CONTROL UNIT

Cabinet 304 or equivalent Stainless steel 316 Stainless steel

Cabinet dimensions 245mm x 475mm x 725mm (9.6" x 18.7" x 28.5")

Control panel Membrane touch button or optional 10.4" SVGA colour touch screen

Weight 36kg (79lbs)

CHARACTER CONTROL Auto repeat, Character width and height adjustment, Auto invert/reverse,

User defined clock format, Print delay, Sequential/batch numbering, Product counter, Inverse reverse and bold characters, Message repeat

INK SYSTEM

Viscosity control Automatic

Autoflush head cleaning Standard

Ink and make-up refill 825ml cartridges

PRINT HEAD Fully Serviceable

Dimensions 255mm x 57mm x 49.7mm (10.04" x 2.24" x 1.96")

Conduit length 3m

Nozzle sealing Standard

ENVIRONMENT

Temperature range 5 – 45°C (40 – 112°F) operating

Humidity 10 – 90% non condensing

Electrical requirements 100 – 250V, 47– 63Hz

STANDARD

CONNECTIONS

Product detector npn/pnp 12V 100mA for photocell or proximity detector.

IP68 6-way socket

Shaft encoder input npn/pnp encoder 12V via IP68 6-way socket

Alarm Beacon Connector IP68 7-way socket

Auxiliary Alarm Connector IP68 9-way plug

Ethernet IP68 RJ45 Connector

USB1. 1 IP68 USB connector

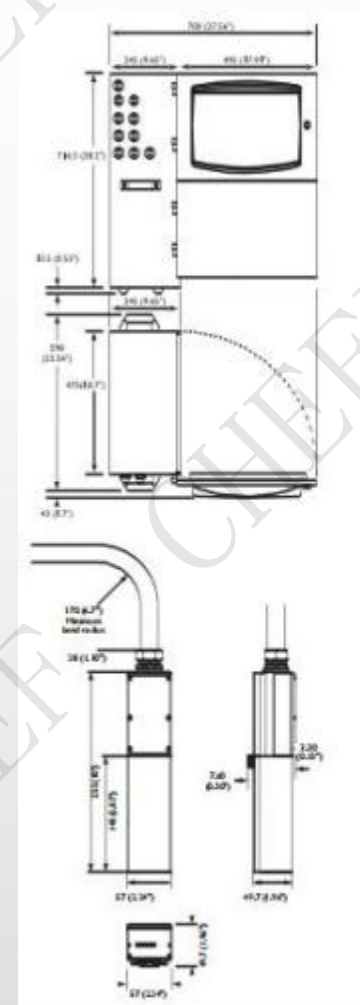
OPTIONAL

CONNECTIONS

User Port Connector IP68 25-way socket

Data Input/Output Options Serial RS232, Rate: 110-38.4k Baud, software configurable

ACCESSORIES Full range of photocells, stands and bracketry



DOMINO A220



Technical Specification:

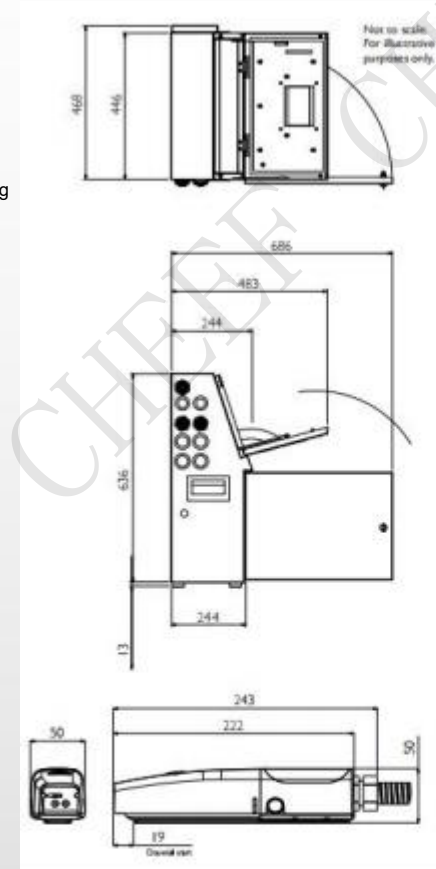
A220	
Operational Capability	
Max number of messages	300
Max number of characters per field	256
Max number of fields per message	40
Logo generation	On board
Max number of logos	250
Max number of strokes per logo	2000
Max print format height	31 drops
Max number of lines of text	5
Max line speed	32.5m/min
Bar codes	Linear and 2D
Interfaces	
QVGA (320x240) with key board	Standard
Ethernet (web server)	Optional
4 Stage 24V beacon	Optional
4 Stage alarm (voltage free contacts)	Optional
Programmable I/O	Optional
Product detector	Standard
Shaft encoder	Standard
Environment	
Weight	23kgs
Stainless Steel	304 or equivalent
IP Rating (designed to)	55
Operating temperature (ink dependent)	5 °C to 45°C
Humidity	10% to 90%
Power requirement	96-256v 47-63hz
Power consumption	56Watts
Compliance	
CE	Standard
RoHS	Standard
Sony Green Partner	Standard
Eupia compliant inks	Standard
Print head	
Conduit length	3m
Bend Radius	45mm
Nozzle size	60µ
SureStart	
Heater	Standard
Positive air pump	Optional
Ink System	
Ink Cartridge	815ml
MU cartridge	825ml
Ink Reservoir	1200ml
Solvent Reduction (Peltier)	Optional

Consistent

You can leave the A220 to get on with the job, through start up after start up and shut down after shut down, knowing that it will do more to perform with consistent quality

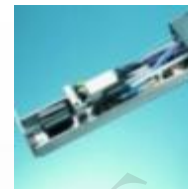
Convenient
Just press a single button and walk away. We call it SureStart. It's our unique print head with a nozzle sealing and flushing process that guarantees consistent performance.

Reliable
Combined with good filtration, an independently heated head and measured viscosity control, Domino's A220 does more to ensure it keeps working



DOMINO

A300



Control Unit

Control Panel: Membrane touch button

Cabinet: Stainless Steel (316) rated to IP55
(BS EN 60529: 1992) IP65 (BS 5490: 1977)

Cabinet

dimensions: 245mm x 475mm x 725mm (9.6" x 18.7" x 28.5")

Weight: 36kg (79lbs)

Character Control

- Auto repeat • Character width and
- Auto invert/reverse height adjustment
- User defined clock format • Print delay
- Sequential/batch numbering • Product counter
- Inverse reverse and • Barcodes
- bold characters • Message repeat

Data Input Options

- Serial RS232 • Ethernet, RJ45 Connector
- Rate: 110-38.4k Baud, software configurable

Ink System

Viscosity control: Automatic

Ink bleed control: Automatic on start up

Ink and make-up refill: 825ml (.87qt) cartridge
automatically metered

Peltier: Standard

Print head

Dimensions: 240mm x 41mm x 47mm (9.45" x 1.61" x 1.85")

Conduit length: 3m (11' 8) or 6m (23' 6)

Positive air: Optional internal supply.

Airdryer: Internal compressor or factory air option

Environment

Temperature range: 5 – 45°C (40 – 112°F) operating

Humidity: 10 – 90% (non-condensing)

Electrical requirements: Single phase, fully auto-ranging

90 – 132V/ 180 – 264V, 50/60Hz 200VA

Standard Connections

Product detector: 12V 100mA for photocell or

proximity detector. IP68 6 way socket

Shaft encoder input: Open collector or TTL encoder

12V via IP68 6 way socket

Options

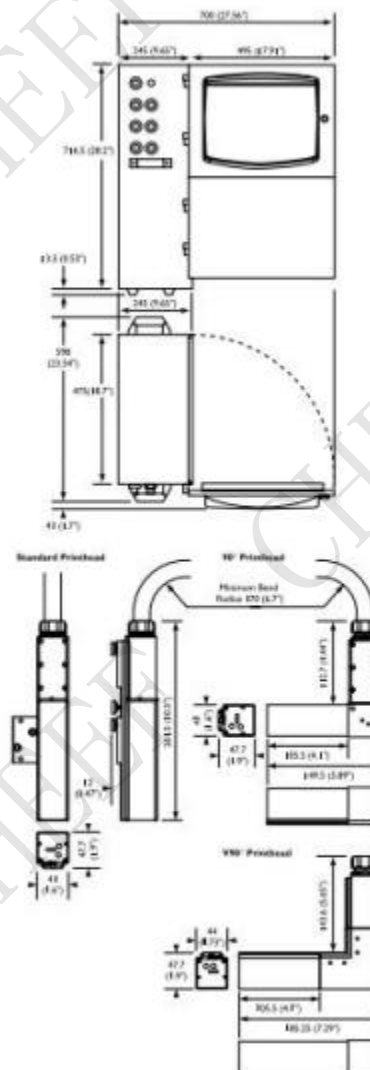
Alarm beacon connector: IP68 7 way socket

Auxiliary alarms connector: IP68 9 way plug

User port connector: IP68 25 way socket

Accessories

Full range of photocells, stands and bracketry



DOMINO

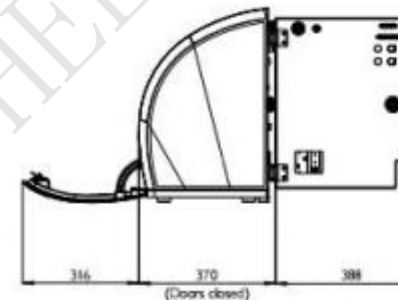
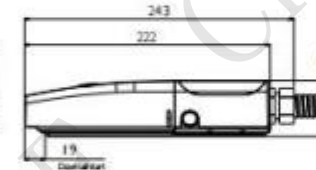
A320I



Operational Capability	
Max number of unicode characters per line	255
Max number of lines	4
Max number of messages per store	256
Max number of stores per printer	16
Max line speed (SL 5x5)	325mm/min
Interfaces	
QVGA (320x240) with SureTouch key board	Standard
SVGA (800x600) colour TouchScreen	Optional
TouchPanel remote touch screen	Optional
Ethernet (web server and email)	Standard
USB	Standard
RS232	Optional
Domino Protocols	Codenet/Intercom
Industry Protocols	ZPL (limited)
4 stage 24v beacon	Optional
4 stage voltage free contacts	Optional
Programmable i/o (8 inputs and 8 outputs)	Optional
Product detect	Standard
Shaft encoder	Standard
Environment	
Weight	24.5kg
IP rating	55
Operating temp	5 to 50
Humidity	10-90%
Power requirement	96-256v 47-63hz
Power consumption	56.3 Watts
Compliance	
CE	Standard
TUV	Standard
RoHS	Standard
Sony Green Partner	Standard
Eupia complians inks	Standard
Heavy metal free inks	Available
Halogen free inks	Available
Print head	
Conduit length	3m
Bend Radius	100mm
Nozzle size	60µ or 75µ
Sure start	Standard
Heater	Standard
Positive air pump	Optional
Air Dryer	Optional
Ink System	
I-Tech ink system	Standard
CleanFill ink cartridge	825ml*
CleanFill MU cartridge	1200ml*
Qube Replacement	Annual*
Routine Servicing	None
* operator task	



Not to scale.
For illustrative
purposes only.



DOMINO

A400



Control Unit

Control Panel: Membrane touch button

Cabinet: Stainless Steel (304) designed to IP53
(BS EN 60529: 1992)

Cabinet

dimensions: 560mm x 450mm x 375mm (22" x 17.7" x 14.8")

Weight: 33kg (72.4lbs)

Character Control

- Auto repeat • Character width and
- Auto invert/reverse • height adjustment
- User defined clock format • Print delay
- Sequential/batch numbering • Product counter
- Inverse reverse and • Barcodes
- bold characters • Message repeat

Data Input Options

- Serial RS232 • Ethernet, RJ45 Connector
- Rate: 110-38.4k Baud, software configurable

Ink System

Viscosity control: Automatic

Ink bleed control: Automatic on start up

Ink and make-up refill: 825ml (.87qt) cartridge
automatically metered

Peltier: Optional

Print head

Dimensions: 240mm x 41mm x 47mm 8.47" x 1.62" x 1.85"

Conduit length: 3m (11' 8) or 6m (23' 6)

Positive air: Optional internal supply.

Airdryer: Internal compressor or factory air options

Environment

Temperature range: 5 – 45°C (40 – 112°F) operating

Humidity: 10 – 90% (non-condensing)

Electrical requirements: Single phase, fully auto-ranging

90 – 132V/ 180 – 264V, 50/60Hz 200VA

Standard Connections

Product detector: 12V 100mA for photocell or

proximity detector. IP68 6 way socket

Shaft encoder input: Open collector or TTL encoder

12V via IP68 6 way socket

Options

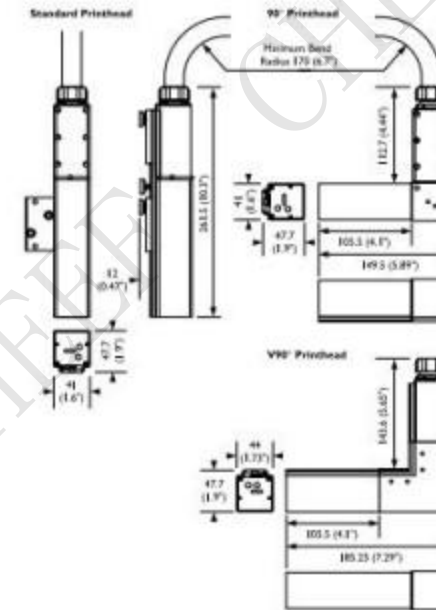
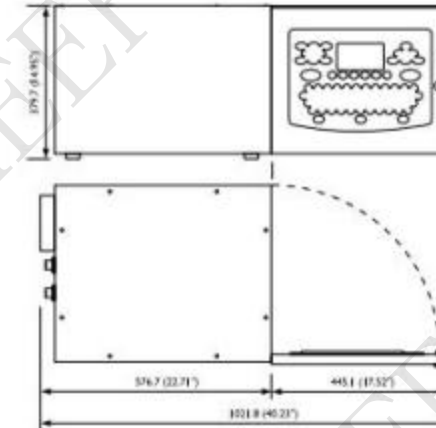
Alarm beacon connector: IP68 7 way socket

Auxiliary alarms connector: IP68 9 way plug

User port connector: IP68 25 way socket

Accessories

Full range of photocells, stands and bracketry

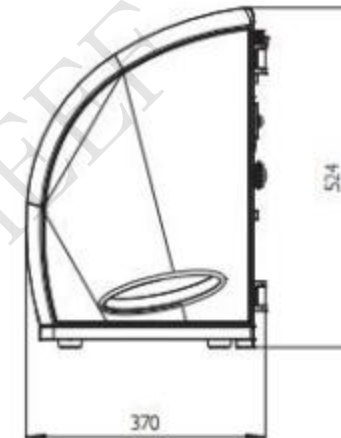
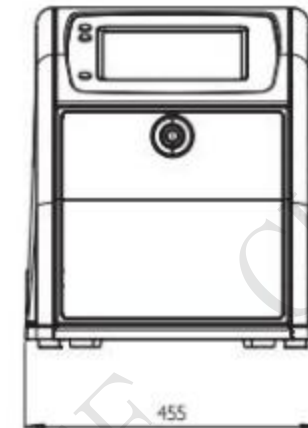


DOMINO

A420i



Operational Capability	
Max number of unicode characters per line	255
Max number of lines	4
Max number of messages per store	256
Max number of stores per printer	16
Max line speed (SL 5x5)	325m/min
Interfaces	
QVGA (320x240) with SureTouch key board	Standard
SVGA (800x600) colour TouchScreen	Optional
TouchPanel remote touch screen	Optional
Ethernet (web server and email)	Standard
USB	Standard
RS232	Optional
Domino Protocols	Codenet/Intercom
Industry Protocols	ZPL (limited)
4 stage 24v beacon (Port is standard)	Optional
4 stage voltage free contacts	Standard
Programmable i/o (8 Inputs and 8 outputs)	Optional
Product detect	Standard
Shaft encoder	Standard
Environment	
Weight	24.5kgs
IP rating	IP55
Operating temp	5-45°C (40-112°F)
Humidity	10-90%RH
Power requirement	100-240V-4A 50-60Hz
Power consumption	56.3 Watts
Compliance	
CE	Standard
TUV	Standard
RoHS	Standard
Sony Green Partner	Standard
Eupla compliant inks	Standard
Heavy metal free inks	Available
Halogen free inks	Available
Print head	
Conduit length	Standard
Bend Radius	3m
Nozzle size	65mm
SureStart	60µ or 75µ
Heater	Standard
Positive air pump	Optional
Air Dryer	Optional
Ink System	
i-Tech ink system	Standard
CleanFill ink cartridge	825ml*
CleanFill MU cartridge	1200ml*
Qube Replacement	In dependent*
Routine Servicing	None
* operator task	



DOMINO

A520I



Operational Capability

Max number of unicode characters per line 255
Max number of lines Standard 4
Max number of lines Duo 8
Max number of lines Pinpoint 3
Max number of lines XS 4
Max number of message per message store 256
Max number of message stores per printer 16
Max line speed (single line 5 drop) 510m/min

Interfaces

TouchPanel remote touch screen (IP65) Optional
Ethernet (web server and email alert function) Standard
USB Standard
RS232 Optional

Domino Protocols Codenet/ Intercom

Industry Protocols ZPL (limited)

4 stage 24v beacon (Port is standard) Optional

4 stage voltage free contacts Standard

Programmable i/o (8 Inputs and 8 outputs) Optional

Product detect Standard

Shaft encoder Standard

Graphical User Interface

QuickStep, full colour interface. Intuitive navigation via large, easy to read buttons and icons; WYSIWYG print preview.

Multi-language support.

Environment

Weight 33kgs

IP rating electronics enclosure IP66

IP rating inks system enclosure IP55

Operating temp 5-45°C (40- 112°F)

Humidity 10-90%RH

Power requirement 100-240V:4A 50-60Hz

Power consumption 94 Watts

Compliance

CE Standard

TUV Standard

RoHS Standard

Sony Green Partner Standard

Eupia compliant inks Standard

Heavy metal free inks Available

Halogen free inks Available

SureStart Print Head

Standard and Duo

Conduit length 3m standard or 6m optional

Nozzle size 60µ or 75µ

Pinpoint

Conduit length 3m standard or 4m optional

Nozzle size 40µ

XS

Conduit length 3m standard or 6m optional

Nozzle size 60µ

Conduit bend radius 65mm

Heater Standard

Heavy Duty print head (IP65) Optional

Positive air pump Optional

Air Dryer Optional

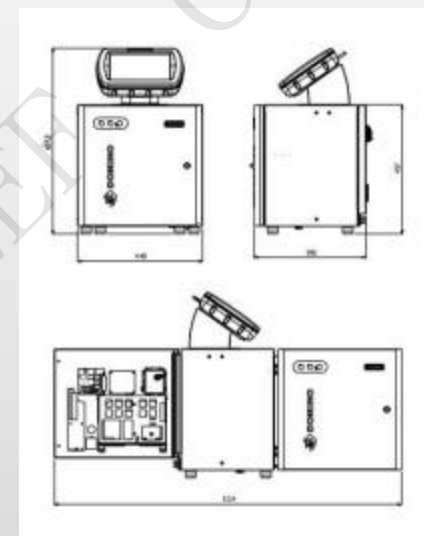
Ink System i-Tech ink system Standard

CleanFill ink cartridge 825ml*

CleanFill MU cartridge 1200ml*

i-Tech Module replacement Ink dependent*

Routine servicing None

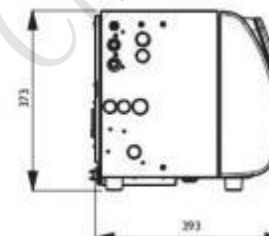


DOMINO

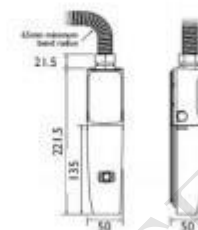
AX150I



CABINET DIMENSIONS



PRINTHEAD DIMENSIONS



SYSTEM SPECIFICATION

PRINTHEAD	Type	i-Pulse
	Nozzle sealing technology	✓
	Nozzle size	60µm
	Maximum resolution (dpi)	82
	Format	Straight
	Conduit length	3m
	Conduit bend radius (minimum)	65mm
CABINET	Material	304 stainless steel cabinet (5 sides) Nylon (door)
	Size (WxHxD)	400 x 373 x 393 (mm) 15.7 x 14.7 x 15.5 (inch)
	Weight (dry)	16kg
	Power requirement	100-240v; 4A 50-60Hz
	Power consumption	40Watt (idle) 80Watt (printing)
	Product detect input port (x1)	✓
	Shift encoder input port (x1)	✓
INK	RFID	13.56 MHz 1.3uW ERP
	Ink cartridge volume	82.5ml
CONNECTIVITY	Make-up cartridge volume	1200ml
	Domino protocols	Intercomm 5, Codenet, Intercomm 0
	PC software suite	QuidDesign V5 & V6 compatible
	Webserver	✓
	Domino Cloud compatible*	✓

OPTIONS

HARDWARE PACK	Status pack option	4 stage beacon output (x1) 4 stage alarm output (x1)
	Comms pack option	Cabinet USB port (x1) Ethernet RJ45 port (x1)
	RS232 pack option	RS232 port (x1)
	GPIO pack option	I/O - 4 inputs/4 outputs (x1)
	Extended raster pack	Higher Speed and Higher Quality rasters (HQ types)

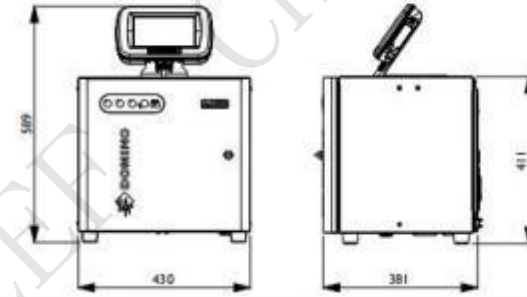
COMPLIANCE

Domino printers are compliant and sold in more than 100 countries globally.
Certifications: CE, NRTL, CB and FCC 47CFR Part 15B.

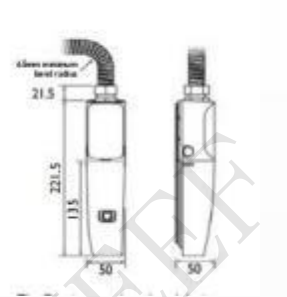
DOMINO AX350I



CABINET DIMENSIONS



PRINthead DIMENSIONS



SYSTEM SPECIFICATION

PRINthead	Type	i-Pulse	
	Nozzle sealing technology	✓	
	Nozzle size	60µm	75µm
	Maximum resolution (dpi)	82	64
	Format	Straight	Straight
	Conduit length	3m - Std 6m - Option	3m - Std 6m - Option
	Conduit bend radius (minimum)	65mm	
CABINET	Material	304 stainless steel	
	Size (WxHxD)	430 x 411 x 381 (mm) 16.9 x 16.2 x 15.0 (inch)	
	Weight (dry)	22kg	
	Power requirement	100-240V-4A 50-60Hz	
	Power consumption	40 Watt (idle) 80 Watt (printing)	
	Product detect input port (x1)	✓	
	Shaft encoder input port (x1)	✓	
	USB ports on UI (x2)	✓	
	RRD	13.56 MHz 1.3uW ERP	
	Ink cartridge volume	825ml 555ml (heavy duty ink system)	
INK	Make-up cartridge volume	1200ml	
CONNECTIVITY	Domino protocols	Intercomm 5, Codenet, Intercomm 0	
	PC software suite	QuickDesign V5 & V6 compatible	
	Webserver	✓	
	Domino Cloud compatible*	✓	

OPTIONS

HARDWARE PACK	Status pack option	4 stage beacon output (x1) 3 stage alarm output (x1)
	Comms pack option	Cabinet USB port (x1) Ethernet RJ45 port (x1)
	Extended comms pack option	Cabinet USB port (x1) Control port (x1) TouchPanel 2/ethernet port (x1)
	RS232 pack option	RS232 port (x1)
	GPIO pack option	VO - 4 inputs/4 outputs (x1)
	Extended VO pack option	VO - 12 inputs / 4 outputs (x1)
PERFORMANCE PACK	Professional printing pack	High speed rasters (ST&HS types) Segmented message formats Highest speed DDI Script engine
	Operator assistance pack	Label templates Barcode scanning for labels and data entry Local security manager
	Green Pack	20% reduction in make-up emissions. Configurable Printhead and ink-system stand down for reduced power usage

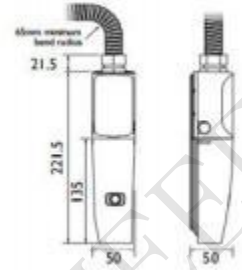
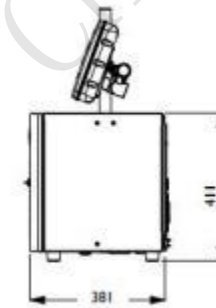
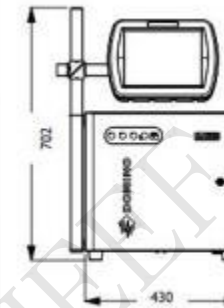
COMPLIANCE

Domino printers are compliant and sold in more than 100 countries globally.
 Certifications : CE, NRTL, CB and FCC 47CFR Part 15B.

DOMINO AX550I



01234567	5 Dot (Passes)	0123456789
01234567	7 Dot	0123456789
012345	9 Dot (Best Quality)	01234567
012	Large Characters (Up to 32 Dot)	0123



SYSTEM SPECIFICATION

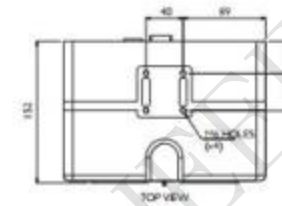
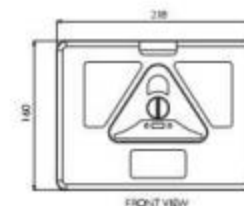
PRINTHEAD	Type	i-Pulse	
	Nozzle sealing technology	✓	
	Nozzle size	60µm	75µm
	Maximum resolution (dpi)	82	64
	Format	Straight	Straight
	Conduit length	3m – Std 6m – Option	3m – Std 6m – Option
CABINET	Conduit bend radius (minimum)	65mm	
	Material	316 stainless steel	
	Size (WxHxD)	430 x 411 x 381 (mm) 16.9 x 16.2 x 15.0 (inch)	
	Weight (dry)	22kg	
	Power requirement	100-240V/4A 50-60Hz	
	Power consumption	40 Watt (idle) 80 Watt (printing)	
	Product detect input port (x1)	✓	
	Shaft encoder input port (x1)	✓	
	USB ports on UI (x2)	✓	
	RFID	13.56 MHz 1.3uW ERP	
	Ink cartridge volume	825ml 555ml (HD ink system)	
	Make-up cartridge volume	1200ml	
CONNECTIVITY	Domino protocols	Intercomm 5, Codenet, Intercomm 0	
	PC software suite	QuickDesign V5 & V6 compatible	
	Webserver	✓	
	Domino Cloud compatible*	✓	

OPTIONS

HARDWARE PACK	Status pack option	4 stage beacon output (x1) 3 stage alarm output (x1)
	Comms pack option	Cabinet USB port (x1) Ethernet RJ45 port (x1)
	Extended comms pack option	Cabinet USB port (x1) Control port (x1) TouchPanel 2/ethernet port (x1)
	RS232 pack option	RS232 port (x1)
	GPIO pack option	I/O – 4 inputs/4 outputs (x1)
	Extended I/O pack option	I/O – 12 inputs/4 outputs (x1)
PERFORMANCE PACK	Professional printing pack	High speed rasters (ST&HS types) Segmented message formats Highest speed DDI Script engine
	Operator assistance pack	Label templates Barcode scanning for labels and data entry Local security manager
	Green Pack	20% reduction in make-up emissions. Configurable Printhead and ink-system stand down for reduced power usage

DOMINO

V20i



Technical Specification:

	V20i CM (Continuous Mode)	V20i IM (Intermittent Mode)
Printer Unit		
Print speed	Up to 450 mm / second*	Up to 4 prints per second (10mm long print)*
Print area	32 mm x 100 mm	32 mm x 35 mm
Print resolution	300 dpi	
Character Control	Date code format, serial number generation, most true type fonts Barcodes, 2D codes, logos/bitmaps	
Weight and dimensions	5.6kg 218(W) x 160(H) x 150(D)	
Ribbon System		
Ribbon length	770m (up to 960m effective length with ribbon economy mode)	
Ribbon width	34 mm, 22 mm	
Ribbon saving	Economy mode variable up to 20% in 1% increments, retraction mode less than 1 mm gap between prints, column mode	
Controller		
User interface	Web browsable graphical user interface (GUI) or dedicated browser software Optional Domino TouchPad available with 5.7" full colour display	
Label creation	Onboard and via QuickDesign Lite (PC application included)	
Optional TouchPad specification	5.7" full colour touchscreen (640x480 resolution) Handheld with docking station included 173(W) x 128(H) x 34(D) (excluding docking station)	
Features		
Connectivity	Ethernet / USB x 2 / mini USB (service)	
Alarm outputs	Error, Ready, Warning, Spare (software configurable volt free contacts)	
Accessories	Full range of specific bracketry, bracket adaptors	
Approvals	CE, TUV	
Environment		
Installation	Temperature: 5°C to 40°C. Humidity: 20-80%, non condensing	
Electrical	90v - 264v AC 50/60Hz, or 24v DC (+/- 2%) at SA (if direct)	
Air supply	Not required	

*Dependent on message size, substrate, ambient temperature, installation quality and ribbon used

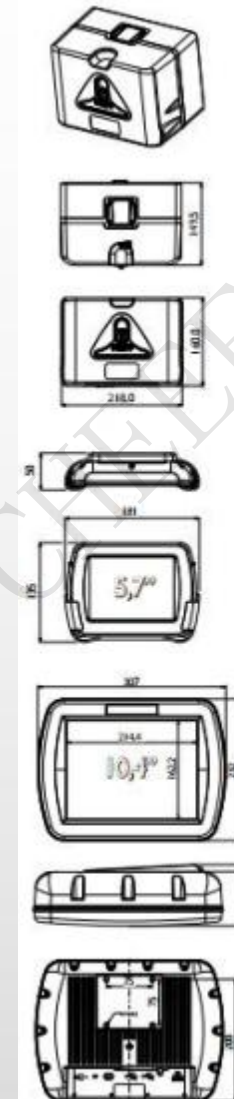


DOMINO

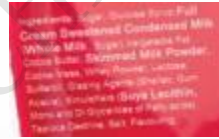
V120i



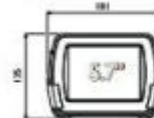
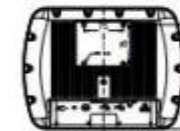
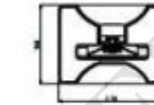
V120i	
Printer Specification	
Printing Modes	Intermittent Mode (IM) and Continuous Mode (CM) in the same printer
Left hand / Right hand	Both options available (convertible with no extra parts in 15 minutes)
Print resolution	300 dpi
Maximum print area (IM)	32mm x 55mm
Maximum print area (CM)	32mm x 500mm
Print speed (max) (IM)	400mm/s*
Speed range (CM)	10 mm/s - 750 mm/s*
Print repeat rate (max)	6 prints/s (with a 10mm long print)*
Ribbon drive technology	i-Tech Ribbon Drive with unique Dancing Arm tension control
Max ribbon length	770m (up to 19.25m effective length with Economy Mode)
Standard Ribbon widths	34mm, 23mm
Ribbon save modes*	
Economy Mode	Variable in 1% increments up to 60%
Retraction Mode	Less than 1 mm gap between prints
Column Mode	Yes
Stop mid print	Yes
Print features	
Date code format	Yes
Offsets	Yes
Shift codes	Yes
Serial number generation	Yes
Fonts	Most true type fonts
Bar codes	Yes
Logos / bitmaps	Yes
Graphical User Interface	QuickStep, full colour interface intuitive navigation via large, easy to read buttons and icons. WYSIWYG print preview. MultiLanguage support
Controller options	No dedicated controller required. Options: • Domino TouchPad (5.7") • Domino TouchPanel (10.4") • PC based interface (via Ethernet cable or network)
Connectivity	Ethernet / USB x2 / mini USB (service)
Inputs	Print, Go, Encoder
Outputs	Error, Ready, Ribbon, Warning, Spare (software configurable volt free contacts)
Special features	Master slave, macros, password, fastmode
Label creation	Onboard and via QuickDesign (PC application included)
Electrical requirements	90v - 264v AC 50/60Hz, OR 24v DC (+/- 2%) at 5A (if direct)
Dimensions	(W) 218.0mm x (H) 160.0mm x (D) 149.5mm
Weight	5.6kg
TouchPad Specification	
Type	5.7 inch, full colour touchscreen (640x480 resolution). Handheld with docking station included.
Connectivity	USB, Ethernet, Mini USB (for power / data connection to printer)
Dimensions	(W) 173mm x (H) 128mm x (D) 34mm including docking station, (W) 181mm x (H) 135mm x (D) 50mm including docking station
Weight	0.4kg
TouchPanel Specification	
Type	10.4 inch, full colour touchscreen (800x600 resolution) VESA mountable with optional brackets
IP Protection	Certified to IP65
Connectivity	2 x USB, Ethernet
Electrical requirements	100/240VAC, 50/60 Hz
Dimensions	(W) 307mm x (H) 232mm x (D) 75mm
Weight	2.8kg



DOMINO V230I



Printer Specification	
Printing Modes	Intermittent and Continuous in the same printer
Left hand / Right hand	Both options available (convertible with no extra parts in 15 minutes)
Print resolution	300 dpi
Maximum print area (IM)	32 mm x 55 mm
Maximum print area (CM)	32 mm x 500 mm
Print speed (max) (IM)	53 mm x 55 mm
Print speed (max) (CM)	53 mm x 500 mm
Speed range (CM)	400 mm/s*
Print repeat rate (max)	10 mm/s – 750 mm/s*
Ribbon drive technology	6 prints / s (with a 10mm long print)*
Max ribbon length	i-Tech Ribbon Drive with unique Clancing Arm tension control
Standard Ribbon widths	770m (up to 19.25m effective length with Economy Mode)
	34 mm, 23 mm
	55 mm, 34 mm
Ribbon save modes*	
Economy Mode	Variable in 1% increments up to 60%
Retraction Mode	Less than 1 mm gap between prints
Column Mode	Yes
Stop mid print	Yes
Print features	
Date code format	Yes
Offsets	Yes
Shift codes	Yes
Serial number generation	Yes
Fonts	Most true type fonts
Dynamic bar codes	Yes
2D codes	Yes
Database linking	Yes
Logos / bitmaps	Yes
In-field text highlighting	Yes – via QuickDesign Lite
Graphical User Interface	
	QuickStep, full colour intuitive navigation via large, easy to read buttons and icons. WYSIWYG print preview. Multilingual support.
Controller options	
	No dedicated controller required.
	Options:
	+ Domino TouchPanel (10.4")
	+ Domino TouchPad (5.7")
	+ PC based interface (via Ethernet cable or network)
Connectivity	
	Ethernet / USB x 2 / mini USB (service)
Inputs	
	Print Go, Encoder
Outputs	
	Error Ready, Ribbon Low Spare (software configurable volt free contacts)
Special features	
	Master slave, macros, password, fastmode
Label creation	
	Onboard and via QuickDesign Lite (PC application included)
Electrical requirements	
	90v – 264v AC 50/60Hz, OR 24v DC (+/- 2%) at 5A (if direct)
Dimensions	
	(W) 218mm x (H) 160mm x (D) 176mm
	(W) 218mm x (H) 160mm x (D) 197mm
Weight	
	6.9kg
	7.5kg
TouchPanel Specification	
Type	10.4 inch, full colour touchscreen (800x600 resolution) VESA mountable with optional brackets
IP Protection	Rated to IP65
Connectivity	2 x USB, Ethernet
Electrical requirements	100/240 VAC, 50/60 Hz
Dimensions	W 307mm x H 232mm x D 75mm
Weight	2.8kg
TouchPad Specification	
Type	5.7 inch, full colour touchscreen (640x480 resolution). Handheld with docking station included.
Connectivity	USB, Ethernet, Mini USB (for power / data connection to printer)
Dimensions	(W) 173mm x (H) 128mm x (D) 34mm excluding docking station, (W) 181mm x (H) 135mm x (D) 50mm including docking station
Weight	0.4kg
PSU Specification	
Standard	
Dimensions / Weight	W 67 mm x H 34 mm x D 164 mm / 0.4kg
Cable length (PSU to printer)	1.2m
Optional Industrial Long Length	
Dimensions / Weight	W 117 mm x H 217 mm x D 62 mm / 1.0kg
Cable length (PSU to printer)	2.8m

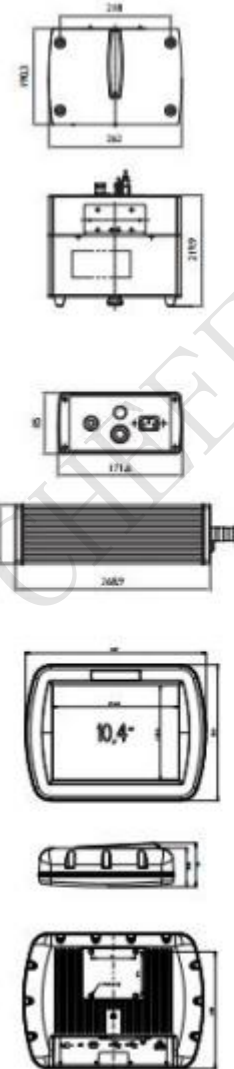


DOMINO V320I



Printer Specification	
Printing Modes	Intermittent Mode (IM) and Continuous Mode (CM) in the same printer
Left hand / Right hand	Both options available (convertible within 30 minutes)
Print resolution	300 dpi
Maximum print area (IM)	53mm x 115mm
Maximum print area (CM)	53mm x 2700mm
Print speed (max) (IM)	7.0mm/s*
Speed range (CM)	1.0mm/s - 1400 mm/s*
Print repeat rate (max)	6 prints/s (with a 10mm long print)*
Ribbon drive technology	i-Tech Ribbon Drive with unique Dancing Arm tension control
Max ribbon length	1600m (up to 4000m effective length with Economy Mode)
Standard Ribbon widths	30mm, 55mm, 130mm
Ribbon save modes	
Economy mode	Variable in 1% increments up to 60%
Retraction mode	Less than 1mm gap between prints
Column mode	Yes
Stop mid print	Yes
Print features	
Date code format	Yes
Offsets	Yes
Shift codes	Yes
Serial number generation	Yes
Fonts	Yes
Dynamic bar codes	Yes
2D codes	Yes
Database linking	Yes
Graphical User Interface	
QuickStep, full colour interface. Intuitive navigation via large, easy to read buttons and icons. WYSIWYG print preview. Multi-language support.	
Controller options	
No dedicated controller required. Hardware interface options: • Domino TouchPanel via Ethernet cable or network • Domino TouchPad via Ethernet cable or network • PC based interface via Ethernet cable or network	
Connectivity	
Ethernet, USB, SD card and Mini USB (for service)	
Inputs	
Print Go, Encoder	
Outputs	
Error, Ready (software configurable)	
Special features	
Master slave, password, fast mode, macros, LabSpeed	
Label creation	
Onboard and via QuickDesign (included)	
Electrical requirements	
115/240VAC, 50/60 Hz, 300VA	
Compressed air requirements	
0.3ml / Print (6 Bar Max) 0.5ml / Print (6 Bar Max)	
Dimensions	
W 262mm x H 190.3mm x D 220mm	
Weight	
13kg	
TouchPanel Specification	
Type	10.4 inch, full colour touchscreen (800x600 resolution) VESA mountable with optional brackets
IP Protection	Certified to IP65
Connectivity	2 x USB, Ethernet
Electrical requirements	100/240 VAC, 50/60 Hz
Dimensions	W 307mm x H 232mm x D 75mm
Weight	2.8kg
TouchPad Specification (not illustrated)	
Type	5.7 inch, full colour touchscreen (510x480 resolution) Hand-held with docking station included
Connectivity	Ethernet (for connection to printer or Network), USB
Electrical requirements	Powered via universal Mini USB power adapter (supplied) 115/240VAC, 50/60Hz input
Dimensions	W 170.0mm x H 127.9mm x D 33.7mm (excluding docking station)
Weight	0.4kg
PSU Specification	
Dimensions	W 171.6mm x H 84.6mm x D 273.9mm
Weight	2.45kg
Environmental requirements	
Temperature: 5°C to 40°C, Humidity: 20-80%, non condensing	

*Note: Print capability is dependent upon application and substrate type.



DOMINO

M230I



Labels one or two panels on pallets in motion or stationary

Adjustable height stand included

Up to 15.7" stroke distance to front or back label Up to 10.2" stroke distance to side label

Label apply height from floor to upper edge of label: 43-52" (+/- 2" feet adjustment)

Easy to clean magnetic mounted thermal print head

Blow assisted label application to ensure label attachment

10 discrete inputs and 10 discrete outputs to connect to PLC for status

Optional integrated scanner to ensure barcode readability

600 m ribbon and label roll capacity

Easy to service removable panel

Machine stop included

12 dots/mm (300dpi) resolution

Low media detection system

AVAILABLE MODELS

M230i-NS100-c260/400-110x110

M230i-NS100-c260/400-110x150

M230i-NS150-c260/400-150x110

M230i-NS150-c260/400-150x210

CONFIGURATION OPTIONS

Printer size	4" (NS100) or 6" (NS150)
Orientation	Left or Right
Scanner	Datalogic (DS)
Pad sizes 4"	4"x4"
	4"x6" (portrait)
Pad size 6"	6"x4" (landscape)
	6"x8" (portrait)
Machine stop	Included

Citronix

Ci5200



	ci5200	ci5300	ci5500	ci5650	Options available with ci5500 and ci5650			
	Entry Level	Intermediate	High Performance	Harsh Environment	Contrast	High Contrast	Small Character Micro	High Speed HS50
Assumed usage (hrs/year)	2,000 - 4,000	3,000 - 6,000	3,000 - 8,500	3,000 - 8,500	3,000 - 8,500	3,000 - 8,500	3,000 - 8,500	3,000 - 8,500
Lines of print	1 - 2 lines	1 - 3 lines	1 - 5 lines	1 - 5 lines	1 - 5 lines	1 - 5 lines	1 - 5 lines	1 - 5 lines
Character height (1)	3mm to 12mm	1.5mm to 12mm	1.5mm to 12mm	1.5mm to 12mm	3mm to 12mm	3mm to 12mm	0.6mm to 6mm	1.5mm to 12mm
Font height	5 to 16 dots	5 to 25 dots	5 to 31 dots	5 to 31 dots	5 to 31 dots	5 to 31 dots	5 to 31 dots	5 to 31 dots
Line speed (2)	up to 6.9 m/s	up to 9.8 m/s	up to 9.8 m/s	up to 9.8 m/s	up to 6.9 m/s	up to 6.9 m/s	up to 10.3 m/s	up to 10.6 m/s
Nozzle size	65µ	65µ	65µ	65µ	65µ	65µ	40µ	50µ
Drop size	Macro (75µ)	Normal (60µ), Macro (75µ)	Normal (60µ), Macro (75µ)	Normal (60µ), Macro (75µ)	Macro (75µ)	Macro (75µ)	40µ	50µ
10.1" Touch Screen	•	•	•	•	•	•	•	•
PixelPlus	•	•	•	•	•	•	•	•
ciPrecisionPlus	•	•	•	•	•	•	•	•
ciEasyServ	•	•	•	•	•	•	•	•
SmartFlush	•	•	•	•	•	•	•	•
ciSafeFill	•	•	•	•	•	•	•	•
ciLink	•	•	•	•	•	•	•	•
SD, USB, RS232 and Ethernet	•	•	•	•	•	•	•	•
IP65 External Connectors	•	•	•	•	•	•	•	•
Inputs (photoeye / shaft encoder / programmable)	1 / 1 / 0	2 / 1 / 8	2 / 1 / 8	2 / 1 / 8	2 / 1 / 8	2 / 1 / 8	2 / 1 / 8	2 / 1 / 8
Outputs (programmable alarms / relay)	3 / 1	3 / 1	3 / 1	3 / 1	3 / 1	3 / 1	3 / 1	3 / 1
Cabinet	Powder Coated Steel	Stainless Steel	Stainless Steel	Stainless Steel	Stainless Steel	Stainless Steel	Stainless Steel	Stainless Steel
IP Rating	IP55	IP55	IP55	IP65	IP55 / IP65	IP55 / IP65	IP55 / IP65	IP55 / IP65
Conduit length (3)	9ft	9ft	9ft	9ft	9ft	9ft	9ft	9ft
Weight (incl. printhead)	18kg	18kg	18kg	18.7kg	18kg / 18.7kg	18kg / 18.7kg	18kg / 18.7kg	18kg / 18.7kg
Warranty (4)	30 months as standard, provided to distributor with option to purchase additional 12 months or 36 months							
Service interval	Earlier of 8,000 hours / 18 months							
Languages	Multiple languages supported, including but not limited to English, Chinese, Arabic, Korean, Russian, Greek, Hebrew, German, Spanish etc.							
Power	90 - 260V / 3 Amp, auto-ranging; 50 - 60Hz							
Operating Temp Range	5°C to 45°C (41-113°F), ink dependent							
Humidity	10 - 90%, non-condensing							

(1) Mic: 5x5 font. Mac: 16+ font

(2) Based on 5 drop font at 50dpi. Up to 6.9m/sec (ci5200) and 9.8m/sec (ci5300, ci5500, ci5650) depending on message.

(3) 15ft, 20ft and anaconda options available for 65µm nozzle size

(4) Warranty for Heavy Pigment pump limited to 12 months.

Citronix Ci5300



	ci5200	ci5300	ci5500	ci5650	Options available with ci5500 and ci5650			
	Entry Level	Intermediate	High Performance	Harsh Environment	Contrast	High Contrast	Small Character Micro	High Speed HS50
Assumed usage (hrs/year)	2,000 - 4,000	3,000 - 6,000	3,000 - 8,500	3,000 - 8,500	3,000 - 8,500	3,000 - 8,500	3,000 - 8,500	3,000 - 8,500
Lines of print	1 - 2 lines	1 - 3 lines	1 - 5 lines	1 - 5 lines	1 - 5 lines	1 - 5 lines	1 - 5 lines	1 - 5 lines
Character height (1)	3mm to 12mm	1.5mm to 12mm	1.5mm to 12mm	1.5mm to 12mm	3mm to 12mm	3mm to 12mm	0.6mm to 6mm	1.5mm to 12mm
Font height	5 to 16 dots	5 to 25 dots	5 to 31 dots	5 to 31 dots	5 to 31 dots	5 to 31 dots	5 to 31 dots	5 to 31 dots
Line speed (2)	up to 6.9 m/s	up to 9.8 m/s	up to 9.8 m/s	up to 9.8 m/s	up to 6.9 m/s	up to 6.9 m/s	up to 10.3 m/s	up to 10.6 m/s
Nozzle size	65µ	65µ	65µ	65µ	65µ	65µ	40µ	50µ
Drop size	Macro (75µ)	Normal (60µ), Macro (75µ)	Normal (60µ), Macro (75µ)	Normal (60µ), Macro (75µ)	Macro (75µ)	Macro (75µ)	40µ	50µ
10.1" Touch Screen	•	•	•	•	•	•	•	•
PixelPlus	•	•	•	•	•	•	•	•
αPrecisionPlus	•	•	•	•	•	•	•	•
αEasyServ	•	•	•	•	•	•	•	•
SmartFlush	•	•	•	•	•	•	•	•
αSafeFill	•	•	•	•	•	•	•	•
αLink	•	•	•	•	•	•	•	•
SD, USB, RS232 and Ethernet	•	•	•	•	•	•	•	•
IP65 External Connectors	•	•	•	•	•	•	•	•
Inputs (photo cell / shaft encoder / programmable)	1 / 1 / 0	2 / 1 / 8	2 / 1 / 8	2 / 1 / 8	2 / 1 / 8	2 / 1 / 8	2 / 1 / 8	2 / 1 / 8
Outputs (programmable alarms / relay)	3 / 1	3 / 1	3 / 1	3 / 1	3 / 1	3 / 1	3 / 1	3 / 1
Cabinet	Powder Coated Steel	Stainless Steel	Stainless Steel	Stainless Steel	Stainless Steel	Stainless Steel	Stainless Steel	Stainless Steel
IP Rating	IP55	IP55	IP55	IP65	IP55 / IP65	IP55 / IP65	IP55 / IP65	IP55 / IP65
Conduit length (3)	9ft	9ft	9ft	9ft	9ft	9ft	9ft	9ft
Weight (incl. printhead)	18kg	18kg	18kg	18.7kg	18kg / 18.7kg	18kg / 18.7kg	18kg / 18.7kg	18kg / 18.7kg
Warranty (4)	30 months as standard, provided to distributor with option to purchase additional 12 months or 36 months							
Service interval	Earlier of 8,000 hours / 18 months							
Languages	Multiple languages supported, including but not limited to English, Chinese, Arabic, Korean, Russian, Greek, Hebrew, German, Spanish etc.							
Power	90 - 260V (3 Amp), auto-ranging; 50 - 60Hz							
Operating Temp Range	5°C to 45°C (41-113°F), ink dependent							
Humidity	10 - 90%, non-condensing							

(1) Min: 5x5 font, Max: 16+ font

(2) Based on 5 drop font at 50dpi. Up to 6.9m/sec (ci5200) and 9.8m/sec (ci5300, ci5500, ci5650) depending on message.

(3) 15ft, 20ft and anacorda options available for 65µm nozzle size

(4) Warranty for Heavy Pigment pump limited to 12 months.

Citronix Ci5500



	ci5200	ci5300	ci5500	ci5650	Options available with ci5500 and ci5650			
	Entry Level	Intermediate	High Performance	Harsh Environment	Contrast	High Contrast	Small Character Micro	High Speed HS50
Assumed usage (hrs/year)	2,000 - 4,000	3,000 - 6,000	3,000 - 8,500	3,000 - 8,500	3,000 - 8,500	3,000 - 8,500	3,000 - 8,500	3,000 - 8,500
Lines of print	1 - 2 lines	1 - 3 lines	1 - 5 lines	1 - 5 lines	1 - 5 lines	1 - 5 lines	1 - 5 lines	1 - 5 lines
Character height (1)	3mm to 12mm	1.5mm to 12mm	1.5mm to 12mm	1.5mm to 12mm	3mm to 12mm	3mm to 12mm	0.8mm to 6mm	1.5mm to 12mm
Font height	5 to 16 dots	5 to 25 dots	5 to 31 dots	5 to 31 dots	5 to 31 dots	5 to 31 dots	5 to 31 dots	5 to 31 dots
Line speed (2)	up to 6.9 m/s	up to 9.8 m/s	up to 9.8 m/s	up to 9.8 m/s	up to 6.9 m/s	up to 6.9 m/s	up to 10.3 m/s	up to 10.6 m/s
Nozzle size	65µ	65µ	65µ	65µ	65µ	65µ	40µ	50µ
Drop size	Macro (75µ)	Normal (60µ), Macro (75µ)	Normal (60µ), Macro (75µ)	Normal (60µ), Macro (75µ)	Macro (75µ)	Macro (75µ)	40µ	50µ
10.1" Touch Screen	•	•	•	•	•	•	•	•
PixElPlus	•	•	•	•	•	•	•	•
ciPrecisionPlus	•	•	•	•	•	•	•	•
ciEasyServ	•	•	•	•	•	•	•	•
SmartFlush	•	•	•	•	•	•	•	•
ciSafeFill	•	•	•	•	•	•	•	•
ciLink	•	•	•	•	•	•	•	•
SD, USB, RS232 and Ethernet	•	•	•	•	•	•	•	•
IP65 External Connectors	•	•	•	•	•	•	•	•
Inputs (photo cell / shaft encoder / programmable)	1 / 1 / 0	2 / 1 / 8	2 / 1 / 8	2 / 1 / 8	2 / 1 / 8	2 / 1 / 8	2 / 1 / 8	2 / 1 / 8
Outputs (programmable alarms / relay)	3 / 1	3 / 1	3 / 1	3 / 1	3 / 1	3 / 1	3 / 1	3 / 1
Cabinet	Powder Coated Steel	Stainless Steel	Stainless Steel	Stainless Steel	Stainless Steel	Stainless Steel	Stainless Steel	Stainless Steel
IP Rating	IP55	IP55	IP55	IP65	IP55 / IP65	IP55 / IP65	IP55 / IP65	IP55 / IP65
Conduit length (3)	9ft	9ft	9ft	9ft	9ft	9ft	9ft	9ft
Weight (incl. printhead)	18kg	18kg	18kg	18.7kg	18kg / 18.7kg	18kg / 18.7kg	18kg / 18.7kg	18kg / 18.7kg
Warranty (4)	30 months as standard, provided to distributor with option to purchase additional 12 months or 36 months							
Service interval	Earlier of 8,000 hours / 18 months							
Languages	Multiple languages supported, including but not limited to English, Chinese, Arabic, Korean, Russian, Greek, Hebrew, German, Spanish etc.							
Power	90 - 260V (3 Amp), auto-ranging; 50 - 60Hz							
Operating Temp Range	5°C to 45°C (41-113°F), ink dependent							
Humidity	10 - 90%, non-condensing							

(1) Min: 5x5 font. Max: 16+ font

(2) Based on 5 drop font at 50dpi. Up to 6.9m/sec (ci5200) and 9.8m/sec (ci5300, ci5500, ci5650) depending on message.

(3) 15ft, 20ft and anaconda options available for 65um nozzle size

(4) Warranty for Heavy Pigment pump limited to 12 months.

Citronix

Ci5650



	ci5200	ci5300	ci5500	ci5650	Options available with ci5500 and ci5650			
	Entry Level	Intermediate	High Performance	Harsh Environment	Contrast	High Contrast	Small Character Micro	High Speed HS50
Assumed usage (hrs/year)	2,000 - 4,000	3,000 - 6,000	3,000 - 8,500	3,000 - 8,500	3,000 - 8,500	3,000 - 8,500	3,000 - 8,500	3,000 - 8,500
Lines of print	1 - 2 lines	1 - 3 lines	1 - 5 lines	1 - 5 lines	1 - 5 lines	1 - 5 lines	1 - 5 lines	1 - 5 lines
Character height (1)	3mm to 12mm	1.5mm to 12mm	1.5mm to 12mm	1.5mm to 12mm	3mm to 12mm	3mm to 12mm	0.6mm to 6mm	1.5mm to 12mm
Font height	5 to 16 dots	5 to 25 dots	5 to 31 dots	5 to 31 dots	5 to 31 dots	5 to 31 dots	5 to 31 dots	5 to 31 dots
Line speed (2)	up to 6.9 m/s	up to 9.8 m/s	up to 9.8 m/s	up to 9.8 m/s	up to 6.9 m/s	up to 6.9 m/s	up to 10.3 m/s	up to 10.6 m/s
Nozzle size	65µ	65µ	65µ	65µ	65µ	65µ	40µ	50µ
Drop size	Macro (75µ)	Normal (60µ), Macro (75µ)	Normal (60µ), Macro (75µ)	Normal (60µ), Macro (75µ)	Macro (75µ)	Macro (75µ)	40µ	50µ
10.1" Touch Screen	•	•	•	•	•	•	•	•
PixelPlus	•	•	•	•	•	•	•	•
αPrecisionPlus	•	•	•	•	•	•	•	•
αEasyServ	•	•	•	•	•	•	•	•
SmartFlush	•	•	•	•	•	•	•	•
αSafeFill	•	•	•	•	•	•	•	•
αLink	•	•	•	•	•	•	•	•
SD, USB, RS232 and Ethernet	•	•	•	•	•	•	•	•
IP65 External Connectors	•	•	•	•	•	•	•	•
Inputs (photo cell / shaft encoder / programmable)	1 / 1 / 0	2 / 1 / 8	2 / 1 / 8	2 / 1 / 8	2 / 1 / 8	2 / 1 / 8	2 / 1 / 8	2 / 1 / 8
Outputs (programmable alarms / relay)	3 / 1	3 / 1	3 / 1	3 / 1	3 / 1	3 / 1	3 / 1	3 / 1
Cabinet	Powder Coated Steel	Stainless Steel	Stainless Steel	Stainless Steel	Stainless Steel	Stainless Steel	Stainless Steel	Stainless Steel
IP Rating	IP55	IP55	IP55	IP65	IP55 / IP65	IP55 / IP65	IP55 / IP65	IP55 / IP65
Conduit length (3)	9ft	9ft	9ft	9ft	9ft	9ft	9ft	9ft
Weight (incl. printhead)	18kg	18kg	18kg	18.7kg	18kg / 18.7kg	18kg / 18.7kg	18kg / 18.7kg	18kg / 18.7kg
Warranty (4)	30 months as standard, provided to distributor with option to purchase additional 12 months or 36 months							
Service interval	Earlier of 8,000 hours / 18 months							
Languages	Multiple languages supported, including but not limited to English, Chinese, Arabic, Korean, Russian, Greek, Hebrew, German, Spanish etc.							
Power	90 - 260V; (3 Amp), auto-ranging; 50 - 60Hz							
Operating Temp Range	5°C to 45°C (41-113°F), ink dependent							
Humidity	10 - 90%, non-condensing							

- (1) Min: 5x5 font, Max: 16+ font
 (2) Based on 5 drop font at 50dpl. Up to 6.9m/sec (ci5200) and 9.8m/sec (ci5300, ci5500, ci5650) depending on message.
 (3) 19ft, 20ft and ansi/coda options available for 85um nozzle size
 (4) Warranty for Heavy Pigment pump limited to 12 months.

Imaje 9018



Print features

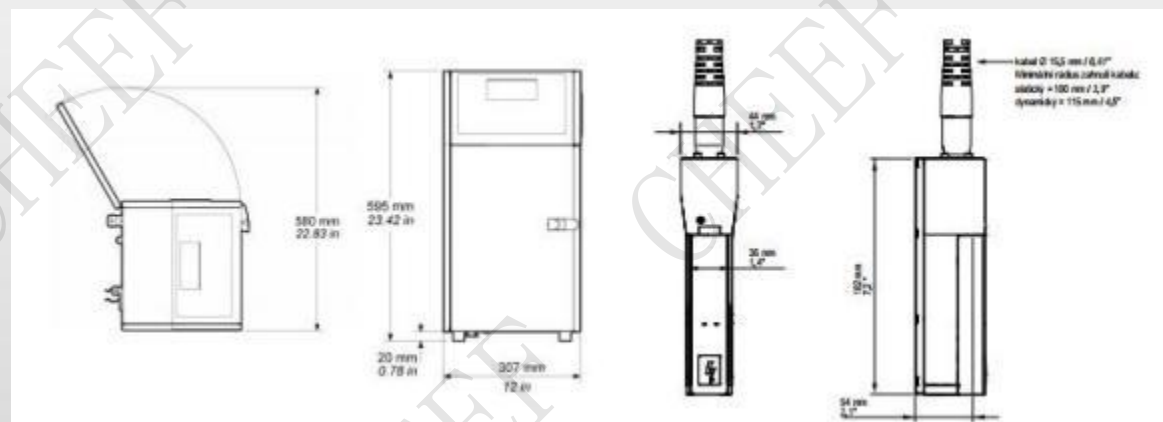
- ▶ Mono-jet printhead
- ▶ G head (printing resolution: 71 dpi)
- ▶ Up to 3 lines of print
- ▶ Print speed: up to 3 m/s
- ▶ Font height from 5 to 24 dots
- ▶ Character height: from 1.8 to 8.7 mm
- ▶ Wide choice of characters (Latin, Arabic, Cyrillic, Greek, Japanese, Chinese, Hebrew, Korean ...)

Operations

- ▶ Message library (up to 100 messages)
- ▶ International operator/machine interface (choice of 31 languages)
- ▶ Large wysiwyg backlit blue screen
- ▶ Integrated online guidance for navigation and diagnostics
- ▶ Creation of logos directly on the operator/machine interface
- ▶ USB port
- ▶ M6' ink circuit
- ▶ Jet Speed Control guarantees marking quality
- ▶ Automatic selection of fonts, depending on print speed and printhead/object distance
- ▶ Possibility to choose different types of quick-drying black inks, including MEK-free
- ▶ 2 sealed intelligent cartridges, 0.75 liter each
- ▶ Quick connect/disconnect of accessories (photocell, encoder, alarm)

Other characteristics

- ▶ Weight: 18.5 kg
- ▶ 2-meter flexible umbilical cable
- ▶ Stainless steel cabinet
- ▶ Dust/humidity protection rating: IP54 rating
- ▶ No plant air required
- ▶ Operating temperature range: 0° to 40° C, depending on ink used
- ▶ Humidity: 10% to 90% non-condensing
- ▶ Electrical power supply: 100- 120 V or 200-240 V with automatic switching; frequency 50/60 Hz; power 34 VA
- ▶ options
 - ▶ 4-line printing
 - ▶ RS-232 connectivity
 - ▶ Printhead pressurization kit (plant air required)
 - ▶ Encoder and alarm connectivity



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Accessories

- ▶ Printer supports: stands (stainless steel or aluminum), table or wall mounting bracket
- ▶ Stainless steel printhead cover
- ▶ Photocell
- ▶ Encoder
- ▶ Alarm beacon (24 V)

Imaje 9029



Print features

- Mono-jet printhead
- G head (printing resolution: 71 dpi)
- Up to 4 lines of print
- Print speed: up to 4.4 m/s
- Font height from 5 to 24 dots
- Character height: from 1.8 to 8.7 mm
- Wide choice of characters (Latin, Arabic, Cyrillic, Greek, Japanese, Chinese, Hebrew, Korean ...)

Operations

- Message library (up to 100 messages)
- International operator/machine interface (choice of 31 languages)
- Large WYSIWYG backlit blue screen
- Integrated help for navigation and diagnostics
- Creation of logos directly on the operator/machine interface
- USB port
- M6⁺ ink circuit
- Jet Speed Control guarantees marking quality
- Automatic selection of fonts, depending on print speed and printhead/object distance
- Possibility to choose ink types: quick-drying MEK-free and MEK, alcohol-based, color changing for sterilization process
- 2 sealed intelligent cartridges, 0.8 liter each
- Quick connect/disconnect of accessories (photocell, encoder, alarm)
- RS-232 connectivity

Other characteristics

- Weight: 18.5 kg
- 2-meter flexible umbilical cable
- Stainless steel cabinet
- Dust/humidity protection rating: IP55
- No plant air required
- Operating temperature range: 0° to 40° C, depending on ink used
- Humidity: 10% to 90% non-condensing
- Electrical power supply: 100 - 120 V or 200 - 240 V with automatic switching; frequency 50/60 Hz; power 34 W
- Options
- One and two-dimensional barcodes (Datamatrix)

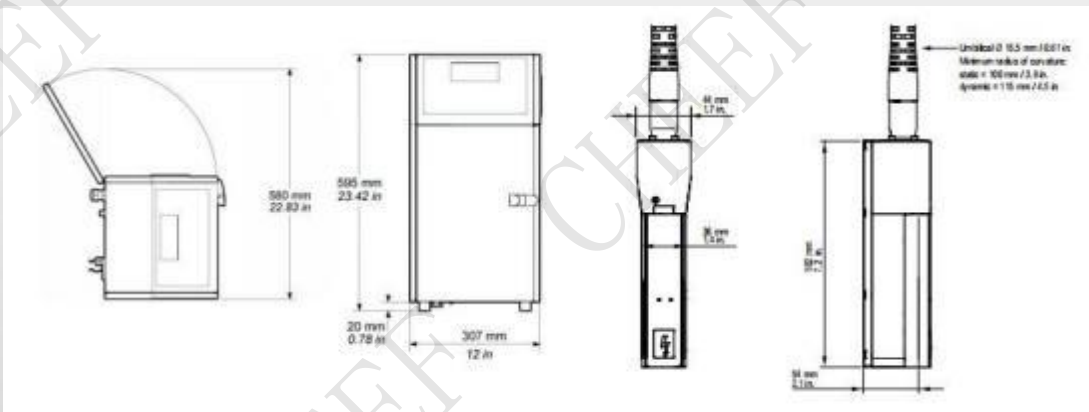
Ethernet connectivity

- Printhead pressurization kit (plant air required)
- Autonomous pressurization kit (no plant air required)

3-meter umbilical

Accessories

- Printer supports: stands (stainless steel or aluminum), table or wall mounting bracket
- Stainless steel printhead cover
- Photocell
- Encoder
- Alarm beacon (24 V)
- Conveyor stop output



Imaje 9330



Print features

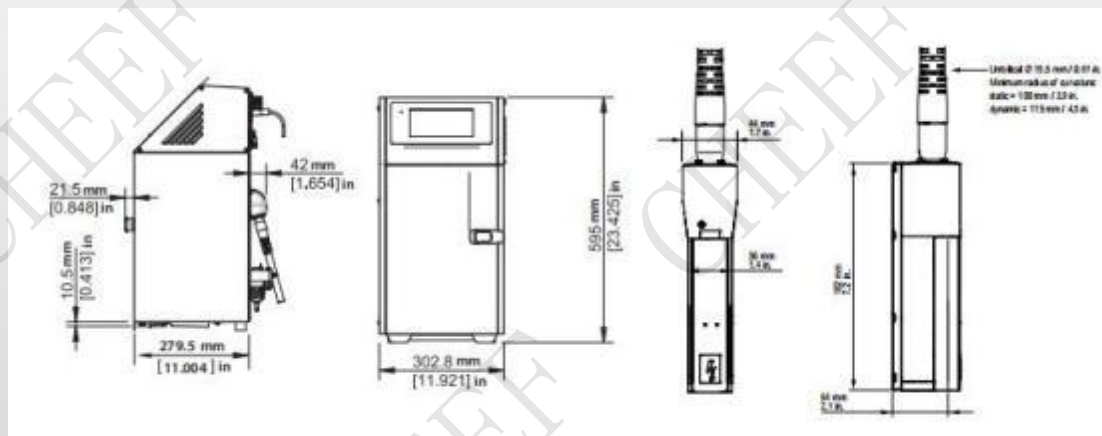
- Mono-jet printhead
- G head (printing resolution: 71 dpi)
- Up to 4 lines of print
- Print speed: up to 4.4 m/s
- Maximum speed (7 dot high characters):
 - 0.60 m/s (0.36 mm drop pitch for 4 lines)
 - 1.01 m/s (0.36 mm drop pitch for 3 lines)
- Font height from 5 to 24 dots
- Character height: from 1.8 to 8.6 mm
- Wide choice of characters (Latin, Arabic, Cyrillic, Greek, Japanese, Chinese, Hebrew, Korean ...)
- Operations
 - Message library (up to 1000 messages)
 - International operator/machine interface (choice of 31 languages)
 - Color touch screen
 - Maximum number of characters per second: 2083
 - On-screen output: on/off, consumable level indication, current print counter
 - On-screen help and maintenance information
 - Programmable shut down
 - 2 sealed intelligent cartridges, 0.75 liter each
 - Quick connect/disconnect of accessories (photocell, encoder, alarm, I/O)
 - Connectivity: Ethernet / RS-232

Other characteristics

- Weight: 18.5 kg
- 3-meter flexible umbilical cable
- Stainless steel cabinet
- Dust/humidity protection rating: IP55
- No plant air required
- Operating temperature range: 5° to 40° C, depending on ink used
- Humidity: 0% to 90% non-condensing
- Electrical power supply: 100 - 120 V or 200 - 240 V with automatic switching; frequency 50/60 Hz; power 34 W

Accessories

- Printer supports: stands (stainless steel or aluminum), table or wall mounting bracket
- Photocell
- Encoder
- Alarm beacon (24 V)
- Options
 - Printhead pressurization kit (plant air required)
 - Autonomous pressurization kit (no plant air required)



Imaje 9410



Características de impresión ► Cabezal monojet

- Cabezal G (resolución de impresión 71ppp)
- Hasta 5 líneas de impresión
- Velocidad de impresión: hasta 4,6 m/s
- Altura de fuente de 5 a 32 puntos para mensajes multi línea
- Tamaño de caracteres: de 1,5 a 11 mm
- Código de barras EAN8/EAN13/UPCA/UPCE, código 39, entrelazado 2 de 5, Datamatrix y código QR
- Amplia gama de fuentes (Latín, árabe, japonés, cirílico, hebreo, chino, coreano, etc.)

Operaciones

- Biblioteca de hasta 100 mensajes
- Interfaz de operador internacional con una amplia oferta de idiomas
- Pantalla táctil en color de siete pulgadas de ancho, con vista previa WYSIWYG de la imagen impresa: visualización instantánea de la autonomía de impresión expresada en horas y en número de mensajes, sistema de asistencia y alertas integrado, edición y gestión de mensajes simplificados y creación de perfiles de usuarios
- Puertos USB y SD
- Calidad de impresión garantizada gracias al Jet Speed Control (controla la velocidad del chorro)
- Selección automática de las fuentes según la velocidad de impresión y la distancia entre el cabezal y el objeto
- Tintas polivalentes, de alto rendimiento; sin cetona ni MEK
- Cartuchos precintados de 0,8 litros, con sistema de orientación
- Conexión y desconexión rápidas de los accesorios (fotocélula, alarma y codificador)
- Conectividad
- Gestión espe

Otras características ► Peso: 25 kg

- Integración de la impresora en mesa o en soporte vertical
- Ombilic ultraflexible de tres metros
- Consola y funda de cabezal de impresión totalmente de acero inoxidable
- Nivel de protección polvo/agua: IP55 que no precisa aire comprimido
- Temperatura de funcionamiento: 0 a 40 °C según la tinta utilizada
- Índice de humedad: 10 al 90%, sin condensación
- Alimentación eléctrica: 100- 120 V o 200-240 V, con conmutación automática; frecuencia 50/60 Hz; potencia 60 VA

Opciones

- Kit de presurización de cabezal
- Conexión RS-232/422, interfaz paralela, numerosas entradas/salidas para su control a

dis

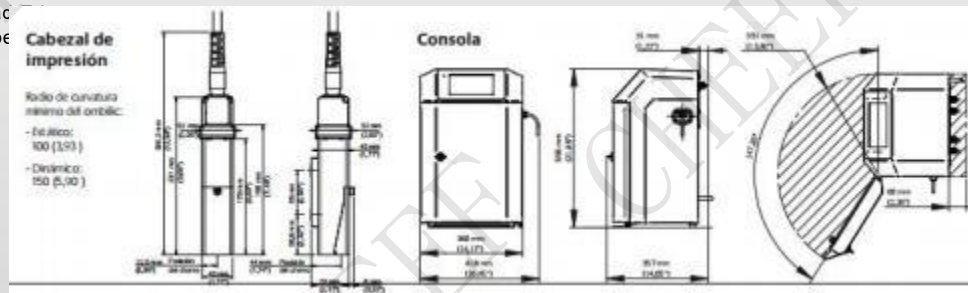
- Ombilic ultraflexible de seis metros

Accesorios

- Soportes para la impresora: pies soporte de impresora (acero inoxidable o aluminio), mesa o escuadra para montaje vertical
- Pies soporte de cabezal (acero inoxidable)
- Kits de fijación de cabezal
- Focélulas
- Codificadores
- Alarmas ópticas (24 V)

- Software ► Compatible con CoLOS Create Professional y CoLOS Enterprise

CoLOS Graphics



Imaje 9450



PRINT FEATURES ► Mono-jet printhead

- G head (printing resolution: 71 dpi)
- M head (printing resolution: 115 dpi)
- Up to 5 lines of print
- Print speed: up to 6.6 m/s
- Font height from 5 to 32 dots
- Character height: from 1.2 to 11.2 mm

► Wide choice of 1D and 2D barcodes:

EAN8/EAN13/UPCA/UPCE barcodes, code 39, interleaved 2 of 5, Datamatrix, QR code

► Wide choice of characters: Latin, Arabic, Cyrillic, Hebrew, Japanese, Chinese, Korean, etc.

OPERATIONS ► Message library (up to 1000 messages)

- International operator/machine interface with a wide choice of languages
- WYSIWYG 7-inch wide touch screen: realtime display of remaining print capacity expressed in hours and number of messages; integrated assistance and alert system; simplified message printing and management; creation of user profiles; tracking of consumption and printer availability
- USB and SD ports
- Jet Speed Control guarantees marking quality
- Automatic selection of fonts, depending on print speed and printhead/object distance
- Broad range of inks: multi-use, high performance; alcohol_x0002_based, ketone-free and MEK-free inks
- Sealed 0.8-liter cartridges with foolproofing system
- Quick connect/disconnect of accessories (photocell, alarm and encoder)
- Parent/child connectivity
- Ethernet connectivity
- Specific date management (rounding date function)

OTHER CHARACTERISTICS

- Weight: 25 kg
- Table-top or vertical mounting
- Ultra-flexible 3-meter umbilical cable
- Stainless steel cabinet and printhead case
- Dust/humidity protection rating: IP56 not requiring plant air
- Operating temperature range: 0 to 40°C depending on ink used
- Humidity: 10 to 90% non-condensing

► Electrical power supply: 100- 120 V or 200-240 V with automatic switching; frequency 50/60 Hz; power 60 VA

OPTIONS

- Promotional coding and Mark and Read
- Ultra-flexible 6-meter umbilical cable
- IP66 protection (requires plant air)
- Ultrarapid mode for high-speed printing
- Printhead pressurization kit
- RS-232/422 connectivity, parallel interface, many I/O

possibilities to enable remote operation

ACCESSORIES

- Printer supports: stands (stainless steel or aluminum), table or wall mounting brackets
- Printhead supports: stand (stainless steel) and choice of brackets
- Photocells
- Encoders
- Alarm beacons (24

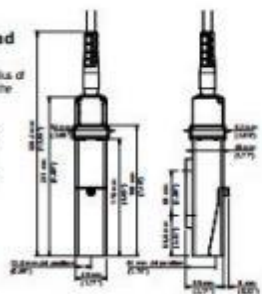
V) SOFTWARE

- Compatible with CoLOS Create Professional and CoLOS

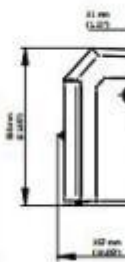
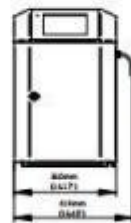
Printhead

Minimum radius of curvature of the umbilical:

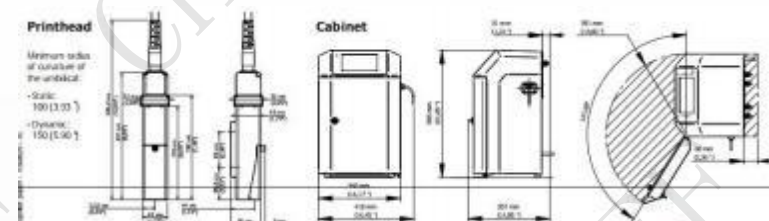
- Static:
100 (3.93)
- Dynamic:
150 (5.90)



Cabinet



Imaje 9450E



PRINT FEATURES

- ▶ Mono-jet printhead
- ▶ G head (printing resolution: 71 dpi) or M head (printing resolution: 115 dpi)
- ▶ Up to 5 lines of print
- ▶ Print speed: up to 1,000 m/min
- ▶ Font height from 5 to 32 dots
- ▶ Character height: from 1 to 1.2 mm
- ▶ Wide choice of 1D and 2D barcodes: EAN8/EAN13/GS1-128/UPCA/UPCE barcodes, code 39, code 128, interleaved 2 of 5, Datamatrix, QR code

- ▶ Wide choice of characters: Latin, Arabic, Cyrillic, Hebrew, Japanese, Chinese, Korean, etc.

INKS

- ▶ One black multipurpose ink for all beverage substrates: glass (RGB, OWB), PET, returnable PET, liquid bricks, cans, caps, pouches, shrink_x0002_wrap film, cartons, corrugated, paper

- ▶ Broad range of inks: white and orange inks for glass and pasteurization, black MEK-free ink, high adhesion permanent inks for liquid carton and

PE caps and anti-counterfeiting inks

OPERATIONS

- ▶ Message library (up to 1,000 messages)
- ▶ International operator/machine interface with a wide choice of languages
- ▶ WYSIWYG 7-inch wide touch screen: real-time display of remaining print capacity expressed in hours and number of messages; integrated assistance and alert system; simplified message printing and management; creation of user profiles; and tracking of consumption and printer availability
- ▶ USB and SD ports
- ▶ Jet Speed Control guarantees marking quality
- ▶ Automatic selection of fonts, depending on print speed and printhead/ object distance
- ▶ Sealed 0.8-liter cartridges with fool proofing system
- ▶ Quick connect/disconnect of accessories (photocell, alarm and encoder). Parent/child connectivity.
- ▶ Ethernet connectivity
- ▶ Specific date management (rounding date function)

OTHER CHARACTERISTICS

- ▶ Weight: 25 kg
- ▶ Table-top or vertical mounting
- ▶ Ultra-flexible 3-meter umbilical cable
- ▶ Stainless steel cabinet and printhead case
- ▶ Dust/humidity protection rating: IP56 not requiring plant air
- ▶ Operating temperature range: 0 to 45 °C depending on printer model and ink used
- ▶ Humidity: 10 to 90% non-condensing

- ▶ Electrical power supply: 100- 120 V or 200-240 V with automatic switching; frequency 50/60 Hz; power 60 VA

OPTIONS

- ▶ Promotional coding and Mark & Read
- ▶ 9450 Sc for pigmented ink use
- ▶ Ultra-flexible 6-meter umbilical cable
- ▶ IP66 protection (requires plant air)
- ▶ Ultrarapid mode for high-speed printing
- ▶ Enhanced autonomy kit
- ▶ Printhead pressurization kit
- ▶ RS-232/422 connectivity, parallel interface, many I/O possibilities to enable remote operation

ACCESSORIES

- ▶ Printer supports: Quick format change stands (stainless steel or aluminum), table or wall mounting bracket
- ▶ Printhead stand (stainless steel) and different printhead brackets
- ▶ Photocells; encoders; alarm beacons (24

V) SOFTWARE

- ▶ Compatible with CoLOS Create Professional and CoLOS Enterprise
- ▶ Logo creation with CoLOS Graphics
- ▶ OEM protocol compatibility: TetraPak fillers, Kronen Checkmat, Sidel, etc.
- ▶ Compatible with Weihenstephan standard

Image SmartDate X30



Print features

- Print speed:
 - Continuous: 50 to 600 mm/s
 - Intermittent: 100 to 600 mm/s
 - Print area:
 - Intermittent: 32 mm x 40 mm
 - Continuous: 32 mm x 50 mm
 - Printer features:
 - Automatic printhead setup
 - Dead-dot detection
 - Average gap between prints: 0.5 mm
 - Automatic shift codes and serial numbers
 - Multiple variable user input fields with alpha numeric texts
 - Ribbon saving mode:
 - Radial ribbon saving
 - Interlaced mode
 - Print specifications: True type font support, including non-Roman characters and symbols. Printing of real-time clock, dates and auto updating best before dates, barcodes including; HanXin, QR/GS1, RSS
- ## Operations
- Hand held terminal interface with LCD screen for message selection, variable data entry, diagnostics and system setup
 - Hot swappable/removable user interface
 - Full diagnostics
 - Robust LED status indicators on the printer
 - Hardware interface:
 - Inputs: "Print go" and 1 configurable input
 - Outputs: Fault, warning
 - USB for downloading images, settings and data files
 - RS232, Ethernet communications standard
 - Communications protocols for PCs, PLCs and packaging machines

Other characteristics

- Supplies:
 - Variety of thermal transfer ribbons: SmartDate Xceed, SmartDate Xtra and SmartDate Xpert
 - Ribbon widths: 22 mm and 33 mm
 - Maximum ribbon length: up to 700 m
 - Printer weight:
 - Intermittent: 5.5 kg
 - Continuous: 5.0 kg
 - Electrical power supply: ~ 110 – 230 Vac (+/- 10%) 50 – 60 Hz
 - SmartDate X30 without power supply requires 24 VDC
 - No air supply required
 - Operating temperature range: 0 to 40 °C
 - Humidity: 10% to 90% non-condensing
- ## Software
- Included, free of charge, CoLOS® Create for design of simple messages; compatible with CoLOS® Create Pro and CoLOS® Enterprise version 4 or higher
- ## Optional accessories
- Mounting bracket
 - Encoder

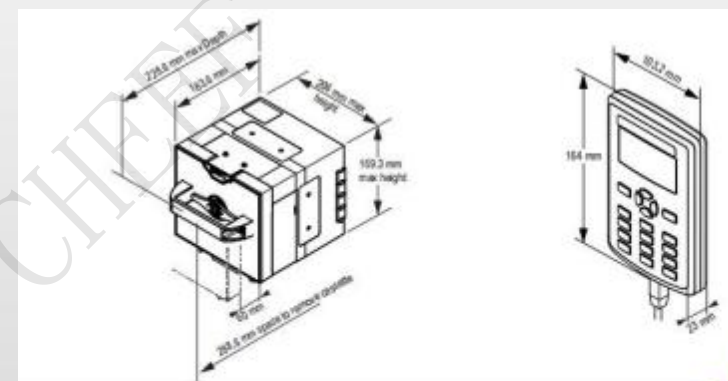


Image SmartDate X45

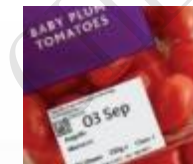


Print features

- Print speed:
 - Intermittent: up to 600 mm/s
 - Continuous: 30 to 600 mm/s
- Print area:
 - Intermittent: 32 mm or 53 mm x 75 mm
 - Continuous: 32 mm or 53 mm x 250 mm
- Print features:
 - Automatic printhead setup
 - Detect: Dead-dot detection
 - Quick change printhead
 - Intermittent or continuous printing
 - Easily change from left to right hand with no additional parts
 - Gap between prints: 0.5 mm
 - Automatic shift codes and serial numbers
 - Multiple variable user input fields with alphanumeric texts
 - High-pack-rate mode
- Ribbon-saving mode: Radial ribbon save, Interlaced mode, Radial mode 1, Radial mode 2, Radial interlaced, Whitespace, Radial whitespace, and Step advance
- Print specifications: Full TrueType font support, including non-Roman characters and symbols. Printing of real-time clock, dates and auto_x0002 Updating best before dates, barcodes: ITF, Code 39, Code 128, EAN 128, EAN 8, EAN 13, UPC A, UPC E, RSS linear, PDF 417, GS1 DataMatrix, QR and Composite RSS barcodes support

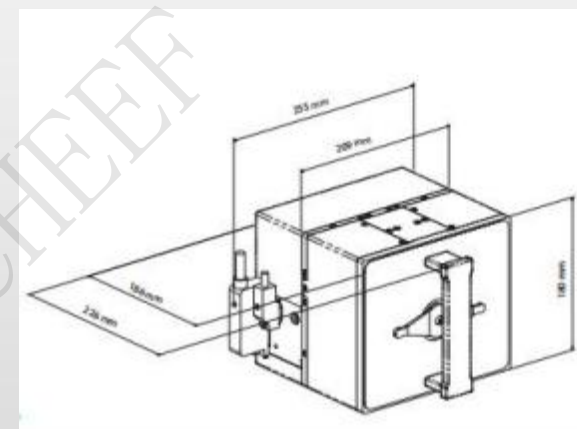
Operations

- User interface: 10.1" full colour 1024 x 600 touch screen for message selection, variable data entry, diagnostics and system setup
- MI Sigma functionality
- Advanced health and availability monitoring
- Configurable user home screen
- Animated help tutorials: ribbon fitting, printhead cleaning, printhead replacing
- Simple print adjust
- Parent/Child function to allow parent control for up to 7 children
- Configurable password protection capability
- WYSIWYG print preview of printed message, real-time display of remaining print capacity expressed in hours and number of prints
- Full diagnostics (pack rate, speed)
- Robust LED status indicators on the printer
- Webbing diagram for fast ribbon changes
- Hardware interface: Inputs: "print go" and 1 configurable input
Outputs: fault, warning, and 2 configurable outputs
- Software interface: USB for downloading images, settings and data files. RS232, Ethernet communications standard. Communications protocols for PCs, PLC and packaging machines, including full remote control web server



Other characteristics

- Supplies: thermal transfer ribbon available in a variety of grades and colors
- Maximum ribbon length: up to 1100 m
- Minimum ribbon width: 20 mm
- Maximum ribbon width: 55 mm
- Weight: Printer: 7.8 kg, Color controller: 4.5 kg
- Electrical power supply: 90 – 264 V with automatic switching; frequency 47/63 Hz; power 150 VA
- Air supply: 6 bar/90 psi (maximum) dry, uncontaminated
- Air consumption: down to 0.4 ml/print at 2.5 bar
- Operating temperature range: 0 to 40°C
- Humidity: 10% to 90% non-condensing
- Optional accessories
 - Detect-Plus: code detection
 - Promotional coding
 - WEB Browser and Virtual Network Computing support
 - Mounting bracket
 - Encoders
 - IP protection kit for installed SmartDate X45
- Software
 - Included, CoLOS® Free 6.0 for design of simple messages



Imaje SmartDate X65



Print features

- Print speed:
 - Intermittent: up to 700 mm/s
 - Continuous: 10 to 1200 mm/s (combined)
 - Continuous: 10 to 1800 mm/s (shuttled)
- Print area:
 - Intermittent: 53 mm x 75 mm
 - Continuous: 53 mm x 750 mm (combined/application dependent)
 - Continuous: 53 mm x 100 mm (shuttled)
- Print features:
 - Automatic printhead setup
 - Detect: Dead-dot detection
 - Quick change print head
 - Intermittent and continuous printer
 - Easily change from left to right hand with no additional parts
 - Gap between prints: 0.5 mm
 - Automatic shift codes and serial numbers
 - Multiple variable user input fields with alphanumeric texts
 - High-pack-rate mode
- Ribbon-saving mode: Radial ribbon save, Interlaced mode, Radial mode 1, Radial mode 2, Radial interlaced, Whitespace, Radial whitespace, Step advance
- Print specifications: Full TrueType font support, including non-Roman characters and symbols. Printing of real-time clock, dates and auto-up_x0002_dating best before dates, barcodes: ITF, Code 39, Code 128, EAN 128, EAN 8, EAN 13, UPC A, UPC E, RSS linear, PDF 417, ID Matrix, QR and Composite RSS barcodes support

Operations

- User interface: 10.1" full colour 1024 x 600 touch screen for message selection, variable data entry, diagnostics and system setup
- MI Sigma Functionality
- Advanced health and availability monitoring
- Configurable user home screen
- Animated help tutorials: ribbon fitting, printhead cleaning, printhead replacing
- Simple print adjust and image adjust
- Master/slave function to allow master control for up to 7 slaves
- Configurable password protection capability
- WYSIWYG print preview of printed message, real-time display of remaining print capacity expressed in hours and number of prints
- Full diagnostics (pack rate, speed)
- Robust LED status indicators on the printer
- Webbing diagram for fast ribbon changes
- Hardware interface: Inputs: "print go" and 1 configurable input
- Outputs: fault, warning, and 2 configurable outputs
- Software interface: USB for downloading images, settings and data files. RS232, Ethernet communications standard. Communications protocols for PCs, PLC and packaging machines, including full remote control web server

Other characteristics

- Supplies: thermal transfer ribbon available in a variety of grades and colours
 - Maximum ribbon length: up to 1100 m
 - Minimum ribbon width: 20 mm
 - Maximum ribbon width: 55 mm
 - Weight: Printer: 7.8 kg, Colour controller: 4.5 kg
 - Electrical power supply: 90 – 264 V with automatic switching; frequency 47/63 Hz; power 150 VA
 - Air supply: 6 bar/90 psi (maximum) dry, uncontaminated
 - Air consumption: down to 0.4 ml/print at 2.5 bar
 - Operating temperature range: 0 to 40°C
 - Humidity: 10% to 90% non-condensing
- ## Optional accessories
- Detect-Plus: code detection
 - Promotional coding
 - IP protection option suitable for pressured water cleaning
 - WEB Browser and VNC support
 - Mounting bracket
 - Encoders
 - IP protection kit for installed SmartDate X65
- ## Software
- Included, CoLOS® Free 6.0 for design of simple messages

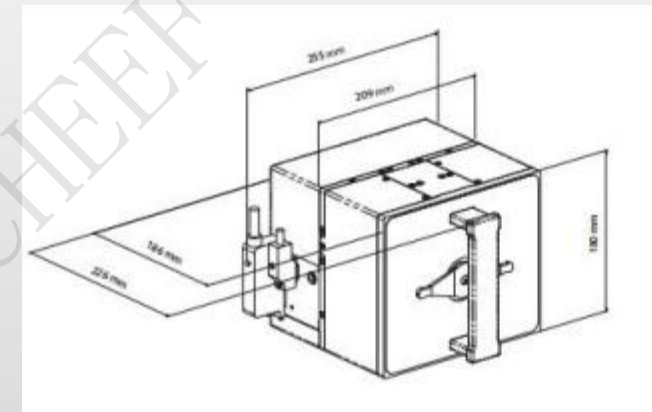


Image SmartDateX65 128



Print features

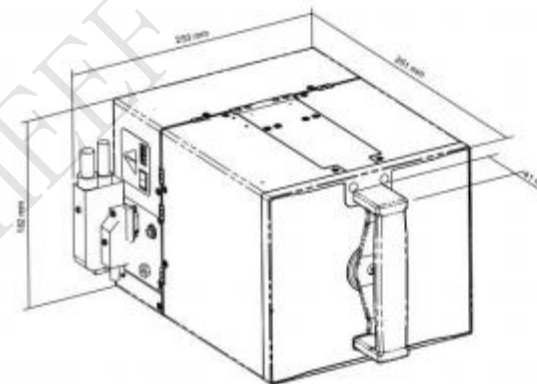
- Print speed:
 - Intermittent: up to 700 mm/s
 - Continuous: 10 to 700 mm/s
- Print area:
 - Max: Intermittent: 128 mm x 75 mm
 - Max: Continuous: 128 mm x 150 mm*
- Print features:
 - Automatic printhead setup
 - Detect: Dead-dot detection
 - Quick change print head
 - Combined intermittent and continuous printing
 - Easily change from left to right hand with no additional parts
 - Gap between prints: 0.5 mm
 - Automatic shift codes and serial numbers
 - Multiple variable user input fields with alphanumeric texts
 - High-pack-rate mode
- Ribbon-saving mode: Radial ribbon save, Interlaced mode, Radial mode 1, Radial mode 2, Radial interlaced, Whitespace, Radial whitespace, Step advance
- Print specifications: Full TrueType font support, including non-Roman characters and symbols. Printing of real-time clock, dates and auto_x0002_updating best before dates, barcodes: ITF, Code 39, Code 128, EAN 128, EAN 8, EAN 13, UPC A, UPC E, RSS linear, PDF 417, GS1 DataMatrix, QR and Composite RSS barcodes support

Operations

- User interface: 10.1" full colour 1024 x 600 touch screen for message selection, variable data entry, diagnostics and system setup
- MI Sigma functionality
- Advanced health and availability monitoring
- Configurable user home screen
- Animated help tutorials: ribbon fitting, printhead cleaning, printhead replacing
- Simple print adjust and image adjust
- Master/slave function to allow master control for up to 7 slaves
- Configurable password protection capability
- WYSIWYG print preview of printed message, real-time display of remaining print capacity expressed in hours and number of prints
- Full diagnostics (pack rate, speed)
- Robust LED status indicators on the printer
- Webbing diagram for fast ribbon changes
- Hardware interface: Inputs: "print go" and 1 configurable input
- Outputs: fault, warning, and 2 configurable outputs
- Software interface: USB for downloading images, settings and data files. RS232, Ethernet communications standard. Communications protocols for PCs, PLC and packaging machines, including full remote control web server

Other characteristics

- Supplies: thermal transfer ribbon available in a variety of grades and colors
- Maximum ribbon length: up to 1100 m
- Minimum ribbon width: 55 mm
- Maximum ribbon width: 130 mm
- Weight: Printer: 10.2 kg, Color controller: 4.8 kg
- Electrical power supply: 90 – 264 V with automatic switching; frequency 47/63 Hz; power 150 VA
- Air supply: 6 bar/90 psi (maximum) dry, uncontaminated
- Air consumption: down to 0.4 ml/print at 2.5 bar
- Operating temperature range: 0 to 40°C
- Humidity: 10% to 90% non-condensing
- Optional accessories
 - Promotional coding
 - IP protection option suitable for pressured water cleaning
 - WEB Browser and VNC support
 - Mounting bracket
 - Encoders
 - IP protection kit for installed SmartDate X65- 128
- Software
 - Included, CoLOS® Free 6.0 for design of simple messages



Imaje SmartDate OEM Connect



Operations

- WEB User Interface or VNC, enables full functionality of the SmartDate printer directly from the HMI (Human Machine Interface) of the packaging machine.
- Three Communication Protocols: via the Web Browser on the host PC, via enhanced DCP Communications and via NGPCL Protocol.
- SmartDate X45 and X65 User Familiarity: Animated help tutorials, Print /Image Adjust, On-Board Configurable Password Protection.
- WYSIWYG print preview of printed message, real-time display of remaining print capacity expressed in hours and number of prints.
- Parent/Child function to allow control up to 7 printers.
- Full diagnostics (Pack Rate, Speed).
- Hardware interface: Inputs: "Print go" and 1 configurable input. Outputs: Fault, warning, and 2 configurable outputs.
- Message storage: Can be stored directly on the controller, on the USB, on the host PC mode or on the local network.
- S/W interface: USB for downloading images, settings and data files. RS232, Ethernet communications standard.

Print features

- Print speed: Intermittent: up to 700 mm/s, Continuous: 10 to 1800 mm/s.
- Print area: Intermittent: 32mm, 53mm or 128 mm x 75mm, Continuous: 32 mm, 53 mm or 128 mm x 250 mm.
- Print features: Automatic printhead setup, Detect: Dead-dot detection, Quick Change Print Head, Combined intermittent and continuous printer, Easily change from left to right hand with no additional parts, Gap between Prints - 0.5 mm, Automatic shift codes and serial numbers, Multiple variable user input fields with alpha-numeric texts, High Pack rate Mode.
- Ribbon saving mode: Radial ribbon saving, Interlaced mode, Multi-print triggers and Negative ribbon advance.
- Print specifications: Full true type font support, including non-Roman characters and symbols. Printing of real-time clock, dates and auto updating best before dates, barcodes; ITF, Code 39, Code 128, EAN 128, EAN 8, EAN 13, UPC A, UPC E, RSS linear, PDF 417, GS1 DataMatrix, QR and Composite RSS barcodes support.

Other characteristics

- Supplies: Thermal transfer ribbon available in a variety of grades and colors.
- Maximum ribbon length: up to 1100 m.
- Minimum ribbon width: 20 mm.
- Maximum ribbon width: 130 mm.
- Weight:
 - Printer: 7.8 kg.
 - SmartDate X45 and X65 OEM Connect: 3Kg.
 - Remote User Interface: 2.63Kg.

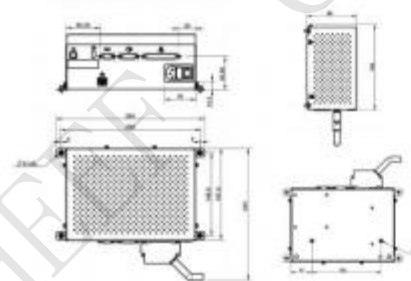
Electrical power supply:

- SmartDate X45 OEM Connect - 100-230V AC (+/- 10%), 50/60Hz.
- SmartDate X65 OEM Connect - 115-230V AC (+/- 10%) 50/60Hz.
- Air supply: 6 bar/90 psi (maximum) dry, uncontaminated.
- Air consumption: from 0.4 ml/print at 2.5 bar.
- Operating temperature range: 0 to 40°C.
- Humidity: 10% to 90% non-condensing.
- Options • Detect-Plus: Code Detection.
- Promotional Coding.

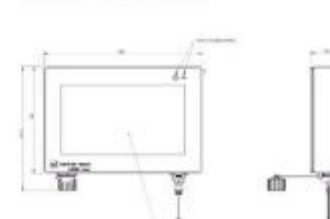
Accessories • Mounting bracket, encoders, and bar code scanner.

PC software • Included CoLOS® Free for design of simple messages.

SmartDate OEM Connect



Remoter User Interface



LINX

8300



PRINT SPEEDS AND SIZES

Nozzle size: 60 µm, 70 µm

Lines of print: Up to 3

Character height 2 to 7.5 mm range:

Maximum speed 2.5 m/s

for single line print

(5 dot high

characters):

Maximum speed 0.83 m/s

for two line print

(7 dot high

characters):

Recommended 12mm

distance from

printhead to

substrate:

HARDWARE FEATURES

Automatic printhead flushing

Printhead jet-speed control for consistent printing in changing ambient temperatures

Mistake-proof, mess-free ink and solvent refilling while printing (0.75 litre cartridges)

8-inch full colour touch screen, solvent proof

Flexible conduit for easy printhead positioning

Recommended service interval: 3,000 hours

SOFTWARE FEATURES

Automatic printhead cleaning with fast start and stop option

Simple message creation and editing with

drag-and-drop field positioning

Total print count, message count and batch count

Password-protected functions, with configurable user access

Message editing while printing

Message creation/editing while printing

On-screen output rate measurement

On-screen fluid level indicators

On-screen alerts and printer status information

Message and line setting backup, copy and restore using USB storage device

MESSAGE PRINTING FACILITIES

Text, symbols and numbers

One-step message editing with protected fields, for fast, mistake-proof editing

Height, width and delay functions for easy code sizing and positioning

Automatic formats for printing dates, times and date rounding (using the printer's internal clock)

Automatic date forward function

Sequential numbering, forward and backward counting, variable intervals

One-touch sequential number reset option from the home screen

Number of messages stored: up to 100 using internal printer memory (depending on message content), more can be stored using a USB storage device

Bold character printing (up to 3 times)

Variable character spacing

Inverted and reversed printing

Shift coding (message content changes

automatically at defined times)

Graphics and logos can be imported into the printer using the USB port

Barcode printing: 2D Data Matrix, GS1, EAN 8 and 13, Code 128 A, B and C, UCC/EAN 128, Code 39, Interleaved 2 of 5, UPC A and E

PRINTHEAD OPTIONS

2m conduit

3m conduit (option)

INK RANGE

Linx MEK base (dye-based)

CONNECTIONS/INTERFACING FOR

Product detector

Shaft encoder

USB – for message and printer settings backup and transfer and logo download to the printer

PHYSICAL CHARACTERISTICS

Printhead cover tube and enclosure: Stainless steel

IP43 environmental protection rating

Bench or table mounting

Operating temperature range: 5-45°C

Humidity range (r.h., non-condensing): 90% max

Power supply: 100-240V, 50/60Hz

Power consumption: 70W

Weight: 16kg (including fluids)



PRINTHEAD



SIDE ELEVATION



FRONT ELEVATION



TOP ELEVATION



LINX

8830



PRINT SPEED AND SIZE

Printhead: Mk 1 1 Midi Mk 1 1 Midi plus

Dimensions 62 m 75 m
nozzles:

Line count: Up to 3 Up to 3

Dimensional range 1.8 to 2. 1 to

character height: 20 mm 20. 1 mm

Top speed 6.25 m/s 7.28 m/s

to print a single line (0.47 mm (0.57 mm .)

single (Character height font width) text width)
5 dots):

Maximum speed 2.46 m/s 2.38 m/s

to print two lines (0.43 mm (0.52 mm .)

(character height font width) text width)
7 dots):

Recommended 12mm 20mm

Magnetic distance (35mm for (45mm for
printhead for upper encoder

Substrate: cartons cartons
message type) message type)

HARDWARE CHARACTERISTICS

Easi-Change® maintenance module
easy to replace

Unique automatic printhead rinsing: interval

normal cleaning is required every 3 months (100 starts
on and off) – dye-based ink, up to 1
month - lightly pigmented ink

Ink jet speed control and temperature sensor of
printhead for uniform printing under pulsating temperature
conditions

fickle around

Ink and solvent do not cause confusion,
no ink during printing (0.5 liter cartridge, box
solvent 1 liter)

7 inch full color touch screen with visor

strong polymer, solvent resistant

Stable ink pump does not require periodic replacement

Extended shutdown time (up to 3 months) without
rinse or flush the printer

Durable, flexible dual-tube printhead cord for applications
using stationary and moving printheads

SOFTWARE CHARACTERISTICS

Start printing, pause printing and turn off inkjet with one go
press

Auto power off after spray off

Create and edit newsletters simply with functionality
drag and drop spot positioning, zoom function and
insert mode for long messages

Total number of prints, number of bulletins and number of print the screen and reset using the side trigger

Select newsletters using product images

Password protected functions can

Customize user profiles

Create/edit bulletins while printing

Power rating and outage log

on the screen. Can be downloaded to a USB device

Material level on the screen, the printer can operate

Active for an additional 12 hours from the original warning
material in most applications

On-screen diagnostic and help information

Select and edit QuickSwitch® messages
by

use barcode scanner

Automatic font and newsletter format selection

PrintSync®

, based on the selected message type and speed
production line level

Various operator languages (user depends on
select) with an on-screen keyboard, a secondary keyboard to
multi-language printing

Shaft encoder installation instruction program and

Simple line speed, installed on the lines
new production line

Archive bulletins and back up printer settings, copy
and restore by USB

Simple Connect Protocol (script based on
YAML) and Linx Remote Interface to connect
PC or PLC by Ethernet port

NEWSLETTER PRINTING FUNCTIONS

Text, symbols and numbers

Suggestion fields for step-by-step newsletter editing

with customizable on-screen prompts

Height, width and delay functions for sizing

and easy code locator

Automatic formats for printing date, time and do

round date (using printer's internal clock)

Custom date and time editor for creating

Different date format on request

Automatic date jump function. Add the number of seconds, minutes,
hours at current time, or number of days, weeks, or
month on current date

Automatic time adjustment option for weather time

Daylight Saving Daylight

Consecutive numbers, forward and backward counting, interval

Option to reset consecutive numbers with a word operation

Print the screen and reset using the side trigger
outside

Number of messages stored: up to 1000 by
printer's internal memory (depending on copy content)
message), can store more by USB

Print bold characters (up to 9 times)

Create variable character spacing to improve functionality
display system recognition

Rotate printed characters (rotate 90°)

Print code in shifts (message content changes automatically
at a preset time)

Graphics and logos can be imported into the printer below
bitmap file format by USB port

Invert in

Barcodes (ITF 2 of 5, Code 39, Code 128, EAN 13,
EAN 8, UPCA, Pharmacode, Data Matrix, QR Code)



LINX

8900



PRINT SPEEDS AND SIZES

Printhead: Mk 1 1 Midi Mk 1 1 Midi plus

Nozzle size: 62 µm 75 µm

Lines of print: 1, 2 or 3 1, 2 or 3

Character height 8900: 8900:

range: 1.8 to 8.8 mm 2. 1 to 10.7 mm

8910: 8910:

1.8 to 20 mm 2. 1 to 20 mm

Maximum speed 8900: 8900:

for single line print 2.92 m/s 2.84 m/s

(5 dot high (0.37 mm (0.44 mm
characters): drop pitch) drop pitch)

8910: 8910:

6.25 m/s 7.28 m/s

(0.47 mm (0.57 mm
drop pitch) drop pitch)

Maximum speed 8900: 8900:

for two line print 1.46 m/s 1.42 m/s
(7 dot high (0.37 mm (0.44 mm
characters): drop pitch) drop pitch)

8910: 8910:

2.09 m/s 2.02 m/s

(0.37 mm (0.44 mm
drop pitch) drop pitch)

Recommended 8900: 12mm 8900: 20mm
distance from 8910: 12mm 8910: 20mm

printhead to (35mm for (45mm for
substrate: carton coding carton coding
message style) message style)

message style) message style)

message style) message style)

HARDWARE FEATURES

Easi-Change® Service Module, change interval:

up to 18 months (13,000 hours) – dye-based inks,

up to 12 months (6,000 hours) – soft pigmented inks*

Unique automatic printhead flushing: typical cleaning
interval 3 months (100 starts and stops) – dye-based
inks, up to 1 month – soft pigmented inks

Printhead jet-speed control and temperature

sensing for consistent printing in changing ambient

temperatures

Mistake-proof, mess-free ink and solvent refilling

while printing (0.5 litre ink cartridge, 1 litre solvent

cartridge)

10-inch full colour touch screen with tough,

solvent-resistant polymer cover

Durable ink pump with no scheduled changes

required

required

Extended shutdowns (up to 3 months) without
printer flushing or draining

Robust, flexible dual-tube conduit for static and
moving printhead applications

SOFTWARE FEATURES

Single-press start print, pause print and jet
shutdown

Auto power-off after jet shutdown

Simple message creation and editing with

drag-and-drop field positioning, zoom function and
insert mode for long messages

Total print count, message count and batch count

Message store display and message style selection

Password-protected functions, with customisable
user profiles

Message creation/editing while printing

On-screen output rate measurement and production
stoppage log. Downloadable onto USB device

On-screen fluid level indicators, 12 hour running
from fluid refill warning to printer stop in most
applications

On-screen help and diagnostics information

QuickSwitch® message selection and editing using
bar code scanner

PrintSync® automatic font and message format
selection, based on message style selected and
production line speed

Multiple operator languages (user selectable) with
on-screen keyboards, secondary keyboard for
multi-language printing

Simple line speed and shaft encoder setup wizard,
for installation on new production lines

Message store and printer settings backup, copy
and restore using USB storage device

Simple Communications Protocol (YAML based
scripts) and Linx Remote Communications Interface
for connection to PCs or PLCs using Ethernet port
or optional RS232 port

MESSAGE PRINTING FACILITIES

Text, symbols and numbers

Prompted fields for one-step message editing with
customisable on-screen prompts

Height, width and delay functions for easy code
sizing and positioning

Automatic formats for printing dates, times and date

Automatic formats for printing dates, times and date

Automatic formats for printing dates, times and date

Automatic formats for printing dates, times and date

Automatic formats for printing dates, times and date

rounding (using the printer' s internal clock)

Custom date and time editor to create different date
formats as required

Automatic date forward function. Add number of
seconds, minutes, hours to the current time, or
number of days, weeks or months to the current date

Automatic time adjustment option for daylight
savings time

Sequential numbering, forward and backward
counting, variable intervals

One-touch sequential number reset option from the
printer screen, and reset using external trigger

Number of messages stored: up to 1000 using
internal printer memory (depending on message
content), more can be stored using a USB storage
device

Bold character printing (up to 9 times)

Variable character spacing and inverse image
printing, for improved readability and vision system
recognition

Rotated character (tower) printing

Shift coding (message content changes
automatically at defined times)

Graphics and logos can be imported into the printer
as bitmap files using the USB port

Reverse and inverted printing (option)

Barcodes (ITF 2 of 5, Code 39, Code 128, EAN 13,
EAN 8, UPCA, Pharmacode, Data Matrix, QR Code)

FRONT ELEVATION



LINX

8920



Print speeds and sizes

Printhead: Mk11 Midi Mk11 Midi plus

Nozzle size: 62 µm 75 µm

Lines of print: Up to 5 Up to 5

Character height 1.8 to 20 mm 2.1 to 20 mm range:

Maximum speed 6.25 m/s 7.28 m/s for single line print (0.47 mm (0.57 mm (5 dot high drop pitch) drop pitch) characters):

Maximum speed 2.46 m/s 2.38 m/s for two line print (0.43 mm (0.52 mm (7 dot high drop pitch) drop pitch) characters):

Recommended 12mm 20mm distance from (35mm for (45mm for printhead to carton coding carton coding substrate: message style) message style)

Hardware features

Easi-Change® Service Module, change interval: up to 24 months (18,000 hours) – dye-based inks, up to 12 months (6,000 hours) – soft pigmented inks*

Unique automatic printhead flushing: typical cleaning interval 3 months (100 starts and stops) – dye-based inks, up to 1 month – soft pigmented inks

Printhead jet-speed control and temperature sensing for consistent printing in changing ambient temperatures

Mistake-proof, mess-free ink and solvent refilling while printing (0.5 litre ink cartridge, 1 litre solvent cartridge)

10-inch full colour touch screen with tough, solvent-resistant polymer cover

Durable ink pump with no scheduled changes required

Extended shutdowns (up to 3 months) without printer flushing or draining

Robust, flexible dual-tube conduit for static and moving printhead applications

Software features

Single-press start print, pause print and jet shutdown

Auto power-off after jet shutdown

Simple message creation and editing with drag-and-drop field positioning and zoom function for long messages

Total print count, message count and batch count

Message store display and message style selection

Password-protected functions, with customisable user profiles

Message creation/editing while printing

On-screen output rate measurement and production stoppage log. Downloadable onto USB

On-screen fluid level indicators, 12 hour running from fluid refill warning to printer stop in most applications

On-screen help and diagnostics information

PrintSync® automatic font and message format selection, based on message style selected and production line speed

Multiple operator languages (user selectable) with on-screen keyboards, secondary keyboard for multi-language printing

Simple line speed and shaft encoder setup wizard, for installation on new production lines

Up to 50 line settings can be stored, with individual line names

Message store and printer settings backup, copy and restore using USB storage device

Simple Communications Protocol (YAML based scripts) and Linx Remote Communications Interface for connection to PCs or PLCs using Ethernet port or optional RS232 port

QuickSwitch® message selection and editing using bar code scanner

Message printing facilities

Text, symbols and numbers

Prompted fields for one-step message editing with customisable on-screen prompts

Height, width and delay functions for easy code sizing and positioning

Automatic formats for printing dates and times (using the printer's internal clock)

Custom date and time editor to create different date formats as required

Automatic date forward function. Add number of seconds, minutes, hours to the current time, or number of days, weeks or months to the current date

Automatic time adjustment option for daylight savings time

Sequential numbering, forward and backward counting, variable intervals, multiple number ranges, alphanumeric sequencing

One touch sequential number reset option from the

printer screen, and reset using external trigger

Sequential text fields, increment and reset sequences using external triggers, optional one touch sequence reset from the printer screen

'Production Schedule' function, to print a sequence of messages automatically, with different triggering and repeat print options

Number of messages stored: up to 1000 using internal printer memory (depending on message content), more can be stored using a USB storage device

Bold character printing (up to 9 times)

Variable character spacing for improved vision

system recognition

Rotated character (tower) printing

Shift coding (message content changes automatically at defined times)

Graphics and logos can be imported into the printer as bitmap files using the USB port

Reverse and inverted printing

Barcodes (ITF 2 of 5, Code 39, Code 128, EAN 13, EAN 8, UPCA, Pharmacode, Data Matrix, QR Code)

FRONT ELEVATION



LINX

8940



Print speeds and sizes
Printhead: Mk11 Midi Mk11 Midi plus
Nozzle size: 62 µm 75 µm
Lines of print: Up to 5 Up to 5
Character height 1.8 to 20 mm 2.1 to 20 mm range:

Maximum speed 6.25 m/s 9.10 m/s
for single line print (0.47 mm (0.57 mm (5 dot high drop pitch) drop pitch) characters):

Maximum speed 2.65 m/s 2.56 m/s
for two line print (0.43 mm (0.52 mm (7 dot high drop pitch) drop pitch) characters):

Recommended 12mm 20mm
distance from (35mm for (45mm for
printhead to carton coding carton coding
substrate: message style) message style)

Hardware features

Easi-Change® Service Module, change interval:
up to 24 months (18,000 hours) – dye-based inks,
up to 12 months (6,000 hours) – soft pigmented inks*
Unique automatic printhead flushing: typical cleaning
interval 3 months (100 starts and stops) – dye-based
inks, up to 1 month – soft pigmented inks
Printhead jet-speed control and temperature
sensing for consistent printing in changing ambient
temperatures

Mistake-proof, mess-free ink and solvent refilling while
printing (0.5 litre ink cartridge 1 litre solvent cartridge)

10-inch full colour touch screen with tough,
solvent-resistant polymer cover

Durable ink pump with no scheduled changes required
Extended shutdowns (up to 3 months) without printer
flushing or draining

Robust, flexible dual-tube conduit for static and
moving printhead applications

Software features

Single-press start print, pause print and jet shutdown

Auto power-off after jet shutdown

Simple message creation and editing with
drag-and-drop field positioning and zoom function for
long messages

Total print count, message count and batch count

Message store display and message style selection

Password-protected functions, with customisable

user profiles

Message creation/editing while printing

On-screen system monitoring, to measure key ink
system and environmental parameters, to help avoid
unscheduled stoppages

On-screen output rate measurement and production
stoppage log. Downloadable onto USB

On-screen fluid level indicators, 12 hour running from
fluid refill warning to printer stop in most applications

On-screen help and diagnostics information

PrintSync® automatic font and message format
selection, based on message style selected and
production line speed

Multiple operator languages (user selectable) with
on-screen keyboards, secondary keyboard for
multi-language printing

Simple line speed and shaft encoder setup wizard,
for installation on new production lines

Up to 50 line settings can be stored, with individual
line names

Message store and printer settings backup, copy and
restore using USB storage device

Simple Communications Protocol (YAML based
scripts) and Linx Remote Communications Interface
for connection to PCs or PLCs using Ethernet port or
optional RS232 port

QuickSwitch® message selection and editing using
bar code scanner

Message printing facilities

Text, symbols and numbers

Prompted fields for one-step message editing with
customisable on-screen prompts

Height, width and delay functions for easy code
sizing and positioning

Automatic formats for printing dates and times
(using the printer's internal clock)

Custom date and time editor to create different date
formats as required

Automatic date forward function. Add number of
seconds, minutes, hours to the current time, or
number of days, weeks or months to the current date
Automatic time adjustment option for daylight
savings time

Sequential numbering, forward and backward
counting, variable intervals, multiple number ranges,

alphanumeric sequencing

One touch sequential number reset option from the
printer screen, and reset using external trigger

Sequential text fields, increment and reset sequences
using external triggers, optional one touch sequence
reset from the printer screen

'Production Schedule' function, to print a sequence
of messages automatically, with different triggering
and repeat print options

Number of messages stored: up to 1000 using internal
printer memory (depending on message content),
more can be stored using a USB storage device

Bold character printing (up to 9 times)

Variable character spacing for improved vision

system recognition

Rotated character (tower) printing

Shift coding (message content changes automatically
at defined times)

Graphics and logos can be imported into the printer
as bitmap files using the USB port

Reverse and inverted printing

Barcodes (ITF 2 of 5, Code 39, Code 128, EAN 13,
EAN 8, UPCA, Pharmacode, Data Matrix, QR Code)

FRONT ELEVATION



LINX 7900



Print speeds and printhead options

Printhead	Micro	Mini	Ultima*	Mid*	Mid EC	Ultima plus	Mid plus
Lines of print supported	1, 2 or 4	1 or 2	1, 2 or 3	3, 2, 3, 4 or 5	1, 2 or 3	1, 2 or 3	1, 2, 3, 4 or 5
Character height range	1.3 to 8.0 mm	1.4 to 6.7 mm	1.8 to 7.8 mm	1.8 to 12 mm	1.8 to 10.5 mm	2.1 to 9.5 mm	2.1 to 13.8 mm
Maximum speed: single line print, wide pitch, High Performance print option	8.41 m/s	6.83 m/s	6.25 m/s	6.28 m/s	6.28 m/s	7.38 m/s	2.10 m/s
Maximum number of characters per second	2222	2047	2222	1995	1995	2133	821
High Performance (HP) print option	0	0	0	0	0	0	0
Linx 7900	0	0	0	0	0	0	0
Linx 7900 Spectrum (for pigmented inks)	0	0	0	0	0	0	0
Linx 7900 Solver (for lowest solvent consumption)	0	0	0	0	0	0	0
Linx 7900 Swift (for high speed lines)	0	0	0	0	0	0	0
Linx 7900FG (for Food Grade inks)	0	0	0	0	0	0	0
Linx 7900BC (for wet bottle coding)	0	0	0	0	0	0	0

*For certain inks, Ultima A and Midi A printheads replace Ultima and Midi printheads, to provide reliable performance. Print speeds are unchanged.

General features

- Single button startup and shutdown
- Simple menu-driven WYSIWYG message creation and editing
- SumFill® mistake-proof refill system and on-screen fluid level indicators
- Integral QWERTY keyboard (full size) and V, VGA back-lit colour display, printer status indicators (4 LEDs)
- USB port for copy and back up of message and printer settings
- FullFlash® automatic printhead and conduit flush
- Saving remote field data over a power cycle
- Linx Insight® remote printer control and status view
- Auto power-off

- Automatic diagnostics
- Multiple operator languages (user selectable)
- Dynamically adjusted service interval up to 9000 hours (not available with Spectrum, FG)
- Password-protected functions
- Dynamic message and logo storage capacity
- Prompted fields
- QuickSwitch Plus automated code setup software
- PrintSync print format selection software
- Print History log

Programming and printing facilities

- Fixed and variable text
- Upper and lower case characters
- Graphics/logo printing
- Logo creation and editing, on-screen
- QuickSwitch® message selection and editing using bar code scanner
- Bar codes EAN 8, EAN 13, 2 of 5, 1TF, Code 39, Code 128, UPC-A, GS1 128 linear barcode
- Data Matrix 2D codes
- Boil factor (up to 10 times)
- Height, width and delay functions for easy code sizing and positioning
- Standard and user-definable formats for shift coding
- 7900FG: Egg coder configuration matches service interval to flock life, and provides reliable operation in barn environments
- 7900 Spectrum: Inverse Image barcodes and text e.g. white on black

- Remote communications interface
- Real-time clock functions
- Automatic date forward function
- Batch coding and counting
- Sequential numbering and messages
- Dynamic reverse and invert printing for traversing lines
- Related character ("lower") printing
- Message creation/editing whilst printing
- Time-to-message function
- Flexible print trigger options
- LogoJet PC-based message and logo creation software
- 7900 Swift: narrow fonts for coding onto small print areas
- 7900 Spectrum: programmable pre-set ink mix times

Printhead options

- 2m conduit
- 4m conduit (not available with Solver or FG printers)
- 90° printhead configuration
- Positive air purge to printhead

- Cutaway printhead cover tube
- Magnetic shielded cover tube
- Midi Short Reach Right Angled (SRRA) printhead (for 7900, Solver), length 130mm

Ink range

	Linx 7900	Linx 7900 Spectrum	Linx 7900 Solver	Linx 7900 Swift	Linx 7900BC	Linx 7900FG
Linx MEK base (dye-based/soft pigmented)	•	• (soft pigmented)	•	• (1240, 1405)	• (1058)	
Linx mixed base	•		•			
Linx ethanol base	•		•			
Linx MEK base High Opacity pigmented inks	•	•				
Linx Food Grade inks						•

Connections/Interfacing for

- Shaft encoder
- Primary and secondary product detectors
- External single stage alarm output
- USB
- RS232
- Ethernet

- External multi-stage alarm output
- Parallel I/O
- Multiple printer triggering from single product detector/shaft encoder
- Volt-free contact alarm connection (e.g. for use with external mains-driven alarm)

Physical characteristics

Base and enclosure

IP55 environmental protection rating**

IP65 environmental protection rating**

Mounting options

Operating temperature range

Humidity range (r.h., non-condensing)

Power supply

Power consumption

Power rating

Weight

Regulatory approvals

- GS
- CE
- GOST R

- Stainless steel
- (not available with 7900 Spectrum)
- (standard for 7900 Spectrum, not available with 7900FG printers)
- Bench or console
- 5 – 45°C (FG: 0 – 40°C)
- 90% max
- 100-230V, 50/60Hz
- 60W (typical when printing, excluding FG and Spectrum)
- 200W
- 21kg (Spectrum and FG, 24kg)

Key • Standard ○ option **Independently verified – certificates available on request

Top Elevation



Front Elevation



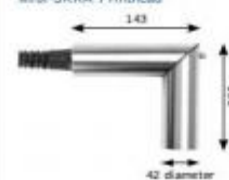
Side Elevation



Printhead



Midi SRRA Printhead



LINX 5900



ESPECIFICACIONES

Impresora	Mini	Última	Midi	Última Plus	Midi Plus
Líneas posibles de impresión	1 ó 2	Hasta 3	Hasta 3	Hasta 3	Hasta 3
Rango de altura del mensaje	1.4 a 4.6 mm	1.8 a 7.8 mm	1.8 a 7.8 mm	2.1 a 9.5 mm	2.1 a 10.7 mm
Velocidad máx. de línea	6.83 m/s	6.25 m/s	6.28 m/s	7.28 m/s	2.10 m/s
Número máximo de caracteres por segundo	2,667	2,222	1,905	2,133	821

Cabezal	Mini	Última	Midi	Última Plus	Midi Plus
Distancia recomendada del cabezal al sustrato	12 mm				
Inyector	50 µm	62 µm	62 µm	75 µm	75 µm
Conducto	2 m (opcional 4 m)				

Rango de Tintas	Mini	Última	Midi	Última Plus	Midi Plus
Base MEK de Linx			Si		
Base mixta Linx			Si		
Base etanol Linx			Si		
Base pigmentada Linx			Si		

Características Físicas	Mini	Última	Midi	Última Plus	Midi Plus
Materiales de la cubierta	Acero inoxidable				
Rango de protección	IP55				
Opciones de montaje	Sobre banco, sobre carro Linx o mesa opcionales				
Rango de temperatura	5 - 45° C				
Rango de humedad	10 - 90% (humedad relativa sin condensación)				
Suministro eléctrico	100 - 230 VAC, 50/60 Hz				
Consumo de energía	60 W (común durante la impresión)				
Peso	21.0 kg (incluye fluidos y cabezal de impresión)				

LINX TT1000



PERFORMANCE

Intermittent and continuous mode in the same printer

Printhead characteristics:

53mm, 300dpi, 12 dots/mm;

107mm, 300dpi, 12 dots/mm

Print area - intermittent motion mode:

Up to 53mm (W) x 75mm (L) (53mm)

Up to 107mm (W) x 75mm (L) (107mm)

Print area - continuous motion mode:

Up to 53mm (W) x 300mm (L) (53mm)

Up to 107mm (W) x 300mm (L) (107mm)

Maximum throughput*:

Up to 700 prints per minute (53mm)

Up to 450 prints per minute (107mm)

Ribbon width:

20mm - 55mm (53mm)

55mm - 110mm (107mm)

Maximum ribbon length:

1200m

Ribbon gap between messages:

0.5mm nominal

Print speed* - intermittent motion mode:

10mm/sec - 800mm/sec (53mm)

10mm/sec - 600mm/sec (107mm)

Print speed* - continuous motion mode:

1mm/sec - 1000mm/sec (53mm)

1mm/sec - 1000mm/sec (107mm)

Cable length between printer and power supply

unit: 3 metres (5m option)

GENERAL FEATURES

8.0" WVGA (800x480) LCD touch screen graphic

user interface including WYSIWYG print preview

Clutchless bi-directional ribbon drive including ribbon consumption indicator and ribbon break/end of reel detection

Lightweight, simple, push button cassette design

On-board diagnostics including printhead health

3 levels of password protection

Multiple operator languages

*Print speeds and throughput are substrate, application and set-up dependent

PROGRAMMING AND PRINTING FEATURES

Linx CLARISOFT® message design software

Full downloadable font support for Windows®

TrueType® (including multiple languages and Unicode support)

Barcodes EAN-8, EAN-13, UPC-A, UPC-E,

Code 39, EAN128, Code 128, ITF, PDF417, Data

Matrix, QR, RSS (including 2D composite codes)

Fixed/variable/merged text and numeric fields

User enterable text and numeric fields

Auto incrementing/decrementing text, counters and barcodes

Basic shape drawing

Flexible date/time formats

Auto best before date calculation

Formats for shift coding

Multiple graphic formats supported -

any size up to maximum print area

Link fields to databases

Field orientation 0°, 90°, 180°, 270°

Mirror image, image rotation, and inverse printing

Real time clock functions

User configurable drop down lists fields

Radial, intermittent stripes and interleaved images

ribbon save functionality

MOUNTING OPTIONS

Universal bracket system for integrating printer into

intermittent and continuous motion packaging

machinery

RIBBON RANGE OPTIONS

Wax / Resin or Resin ink

Range of colours, lengths and widths

CONNECTIONS/INTERFACING FOR

External inputs (fully software configurable):

3 PNP inputs

External outputs (fully software configurable):

2 relay outputs and 2 PNP +24v outputs

RS232

Ethernet

USB memory stick support

Binary and ASCII communications

Host PC Mode (remote database) using

CLARINET® (option)

Claricom CLARINET® coder independent network management software (option)

Link up to four TT 1000 printers to a single user

interface

PHYSICAL CHARACTERISTICS

Air supply: No compressed air required

Humidity range: 85% max

Power supply: 100 - 240VAC, 50/60Hz

Operating temperature: 0° - 40°C

REGULATORY APPROVALS

CE

NRTL

FCC

Linx operates a policy of continuous product improvement and reserves the right to change the specification of products without notice.



LINX TT750



PERFORMANCE

Intermittent and continuous mode in the same printer

Printhead characteristics:

32mm, 300dpi, 12 dots/mm;

53mm, 300dpi, 12 dots/mm

Print area - intermittent motion mode:

Up to 32mm (W) x 75mm (L) (32mm)

Up to 53mm (W) x 75mm (L) (53mm)

Print area - continuous motion mode:

Up to 32mm (W) x 200mm (L) (32mm)

Up to 53mm (W) x 200mm (L) (53mm)

Maximum throughput*:

250 prints per minute

Ribbon width:

20mm - 35mm (32mm)

20mm - 55mm (53mm)

Maximum ribbon length:

Up to 1200m

Ribbon gap between messages:

0.5mm nominal

Print speed* - intermittent motion mode:

40mm/sec - 750mm/sec

Print speed* - continuous motion mode:

40mm/sec - 750mm/sec

Cable length between printer and power supply unit: 3 metres (5m option)

GENERAL FEATURES

8.0" WVGA (800x480) LCD touch screen graphic

user interface including WYSIWYG print preview

Clutchless bi-directional ribbon drive including ribbon consumption indicator and ribbon break/end of reel detection

Lightweight, simple, push button cassette design

On-board diagnostics including printhead health

3 levels of password protection

Multiple operator languages

*Print speeds and throughput are substrate, application and set-up dependent

PROGRAMMING AND PRINTING FEATURES

Linx CLARISOFT® message design software

Full downloadable font support for Windows®

TrueType® (including multiple languages and Unicode support)

Barcodes EAN-8, EAN-13, UPC-A, UPC-E, Code 39, EAN128, Code 128, ITF, PDF417, Data Matrix, QR, RSS (including 2D composite codes)

Fixed/variable/merged text and numeric fields

User enterable text and numeric fields

Auto incrementing/decrementing text, counters and barcodes

Basic shape drawing

Flexible date/time formats

Auto best before date calculation

Formats for shift coding

Multiple graphic formats supported -

any size up to maximum print area

Link fields to databases

Field orientation 0°, 90°, 180°, 270°

Mirror image, image rotation, and inverse printing

Real time clock functions

User configurable drop down lists fields

Radial, intermittent stripes and interleaved images

ribbon save functionality

MOUNTING OPTIONS

Universal bracket system for integrating printer into

intermittent and continuous motion packaging

machinery

RIBBON RANGE OPTIONS

Wax / Resin or Resin ink

Range of colours, lengths and widths

CONNECTIONS/INTERFACING FOR

External inputs (fully software configurable):

3 PNP inputs

External outputs (fully software configurable):

2 relay outputs and 2 PNP +24v outputs

RS232

Ethernet

USB memory stick support

Binary and ASCII communications

Host PC Mode (remote database) using

CLARINET® (option)

Claricom CLARINET® coder independent network management software (option)

Link up to four TT 750 printers to a single user interface

PHYSICAL CHARACTERISTICS

Air supply: No compressed air required

Humidity range: 85% max

Power supply: 100 - 240VAC, 50/60Hz

Operating temperature: 0° - 40°C

REGULATORY APPROVALS

CE

NRTL

FCC

Linx operates a policy of continuous product improvement and reserves the right to change the specification of products without notice.



LINX

TT500



PERFORMANCE

Intermittent and continuous mode in the same printer

Printhead characteristics:

32mm, 200dpi, 8 dots/mm

Print area - intermittent motion mode:

Up to 32mm (W) x 47mm (L)

Print area - continuous motion mode:

Up to 32mm (W) x 100mm (L)

Maximum throughput*:

150 prints per minute

Ribbon width:

20mm - 33mm

Maximum ribbon length:

700m

Print speed* - intermittent motion mode:

50mm/sec - 300mm/sec

Print speed* - continuous motion mode:

40mm/sec - 500mm/sec

Cable length between printer and power supply

unit: 3 metres (5m option)

GENERAL FEATURES

5.0" WVGA (800x480) LCD touch screen graphic

user interface including WYSIWYG print preview

Clutchless bi-directional ribbon drive including rib_x0002

bon consumption indicator and ribbon break/end of

reel detection

Lightweight, simple, push button cassette design

On-board diagnostics including printhead health

3 levels of password protection

Multiple operator languages

*Print speeds and throughput are substrate,

application and set-up dependent

PROGRAMMING AND PRINTING FEATURES

Linx CLARISOFT® message design software

Full downloadable font support for Windows®

TrueType® (including multiple languages and

Unicode support)

Barcodes EAN-8, EAN- 13, UPC-A, UPC-E and QR

Fixed/variable text and numeric fields

User enterable text and numeric fields

Auto incrementing/decrementing text, counters

and barcodes

Basic shape drawing

Flexible date/time formats

Auto best before date calculation

Formats for shift coding

Multiple graphic formats supported -

any size up to maximum print area

Link fields to databases

Field orientation 0° ,90° ,180° ,270°

Mirror image, image rotation, and inverse printing

Real time clock functions

User configurable drop down lists fields

Radial ribbon save functionality

MOUNTING OPTIONS

Universal bracket system for integrating printer into

intermittent and continuous motion packaging

machinery

RIBBON RANGE OPTIONS

Wax / Resin or Resin ink

Range of colours, lengths and widths

CONNECTIONS/INTERFACING FOR

External inputs (fully software configurable):

2 PNP inputs

External outputs (fully software configurable):

2 relay outputs and 2 PNP +24v outputs

RS232

Ethernet

USB memory stick support

Binary and ASCII communications

Host PC Mode (remote database) using

CLARINET® (option)

Claricom CLARINET® coder independent network

management software (option)

Link up to four TT 500 printers to a single user

interface

PHYSICAL CHARACTERISTICS

Air supply: No compressed air required

Humidity range: 85% max

Power supply: 100 - 240VAC, 50/60Hz, 2A

Operating temperature: 0° - 40°C

REGULATORY APPROVALS

CE

NRTL

FCC

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improvement and reserves the right to change the

specification of products without notice.



LINX

TT5 and TT10



PERFORMANCE

Unique solid-state ribbon drive
Intermittent motion
Continuous motion
Printhead characteristics:
55mm, 300dpi, 12 dots/mm (TT5)
110mm, 300dpi, 12 dots/mm (TT10)
Print area - intermittent motion mode:
53mm (W) x 75mm (L) (TT5)
107mm (W) x 75mm (L) (TT10)
Print area - continuous motion mode:
53mm (W) x 135mm (L) (TT5)
107mm (W) x 200mm (L) (TT10)
Ribbon width:
20mm - 55mm (TT5)
55mm - 110mm (TT10)
Maximum ribbon length:
1200m (TT5), 700m (TT10)
Print speed - intermittent motion mode:
50mm/sec - 800mm/sec (TT5)
50mm/sec - 700mm/sec (TT10)
Print speed - continuous motion mode:
0mm/sec - 1000mm/sec (TT5)
0mm/sec - 800mm/sec (TT10)
Cable length between printer and controller:
3 metres
High throughput modes configurable by software
Print speeds and throughput are resolution, substrate, application and set-up dependent
GENERAL FEATURES
8.4" TFT SVGA (800 x 600) touch screen operator interface
Full-colour LCD touch panel interface with WYSIWYG print preview
Clutchless bi-directional ribbon drive
Simple ribbon webbing
3 levels of password protection
On-board diagnostics
On-board memory, compact flash and/or expansion card
Off-line set up and parameter storage
Multiple operator languages
Job selection and database support as standard

PROGRAMMING AND PRINTING FEATURES

Linx CLARISOFT® image design software
Full downloadable font support for Windows TrueType (including multiple languages and Unicode support)
Fixed, variable and merged text fields
Link fields to databases
Flexible date/time formats
Formats for shift coding
Field orientation 0°, 90°, 180°, 270°
Mirror image printing, image rotation
Real time clock functions
Auto best before date calculation and concession management
Scaleable text including rotation, mirror and inverse printing
Multiple graphic formats supported - any size up to maximum print area
Barcodes EAN 8, EAN 13, UPC-A, UPC-E Code 39, EAN128, Code 128, ITF, PDF417, Data Matrix QR Model 2, RSS (including 2D composite codes)
Text blocks
Auto incrementing/decrementing text, counters and barcodes
Basic shape drawing
User configurable drop down lists fields
512MB message store memory
Ribbon save functionality (3 types)
MOUNTING OPTIONS
Universal bracket system for integrating coder into packaging machinery
RIBBON RANGE OPTIONS
Wax / Resin ink
Resin ink
Range of colours available on request

Connections/interfacing for

External inputs (fully software configurable):
3 PNP inputs
External outputs (fully software configurable):
2 relay outputs and 2 PNP +24V outputs
RS232
Ethernet
USB memory stick support
Binary and ASCII comms protocols and Windows drivers
Host PC Mode (remote database) using Linx CLARINET® (option)
Linx CLARINET® coder independent network management software (option)
Master/slave unit - link up to four coders to a single controller and user interface (option)
Web server capability - fully integrate user interface into packaging machinery (option)
ZPL emulation for label design programs (option)
Physical characteristics
Air supply: 6 Bar, 90psi, uncontaminated
1.0ml/cycle (max)
Humidity range: 85% max
Power supply: 90-264V
Operating temperature: 5° - 40°C
IP55 environmental protection rating
(EN 60529: 1991/IEC60529: 1989):
TT5 Washdown Controller (option)
IP65 environmental protection rating
(EN 60529: 1991/IEC60529: 1989):
TT5 Washdown Printer (option)
REGULATORY APPROVALS
MET NRTL
CE mark
FCC
Linx operates a policy of continuous product improvement and reserves the right to change the specification of products without notice.

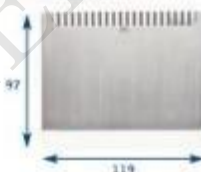


LINX

TT3



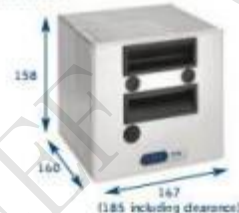
Controller Top Elevation



Controller Front Elevation



TT3 Printer



Ribbon Cassette



Performance

Printer

Unique solid-state clutchless bi-directional ribbon drive	•
Intermittent motion	•
Continuous motion	•
Printhead width and resolution	35mm, 300dpi, 12 dots/mm
Print area - continuous motion mode	32mm (W) x 40mm (L)
Print area - intermittent motion mode	32mm (W) x 38mm (L)
Ribbon width	22mm, 33mm
Ribbon save option	Interleaved mode
Maximum ribbon length	600 metres
Print speed - intermittent motion mode	50mm/sec - 40mm/sec
Print speed - continuous motion mode	40mm/sec - 50mm/sec
Cable length between printer and controller	3 metres
Print speeds and throughput are substrate, application and set-up dependent	

Linx TT3

General features

• 5.7" QVGA (240 x 320) CSTN colour LCD	• 3 levels of password protection
• Touch screen operator interface	• On-board diagnostics
• WYSIWYG print preview	• On-board memory
• Ribbon consumption indicator	• Off-line set up and parameter storage
• Clutchless bi-directional ribbon drive	• Multiple operator languages
• Simple ribbon webbing	

Programming and printing facilities

• Codes supplied with a range of standard code formats	• Field orientation 0°, 90°, 180°, 270°
• CLARISOFT for TT3 code design software (Windows 2000/XP/Vista)	• Mirror image printing, image rotation
• Full downloadable font support for Windows TrueType (including multiple languages and Unicode support)	• Real time clock functions
• Fixed and variable text fields with user entry	• Auto test before date calculation and concession management
• Flexible date/time formats	• Scalable text including rotation, mirror and inverse printing
• Formats for shift coding	• User configurable drop down lists fields

Mounting options

Standard bracket systems for integrating coder into intermittent and continuous motion packaging machinery

o

Ribbon range

Wax / Resin ink	o
Colours - black, metallic white (others on request)	o
Resin ink	o

Connections/interfacing for

External inputs (fully software configurable)	3 PNP (print go, inhibit print, spare and quadrature encoder)
External outputs (fully software configurable)	4 (2 relay, 2 PNP)
RS232	•
USB memory stick support	•

Services

Air supply	4-6 Bar, locally regulated
Power supply	90-240 VAC 50/60 Hz
Operating temperature	5° - 40°C

Regulatory approvals

MET/RTL	•
CE mark	•
FCC	•

Key • standard o option

Linx operates a policy of continuous product improvement and reserves the right to change the specification of products without notice.

Hitachi UX Series



Item	Model	
	UX-S160W Basic	UX-D160W Dynamic
Nozzle size	55µm	
Max. print line number	Up to 3 lines	Up to 3 lines (option: up to 6 lines)
Max. # of print characters	Up to 240 characters	Up to 240 characters (option: up to 1,000 characters)
Font (Horizontal x Vertical)	4 x 5	—
	5 x 5	—
	5 x 7(8), 9 x 7(8)	—
	7 x 10	—
	11 x 11	—
	10 x 12	—
	12 x 16	—
	18 x 24	—
	24 x 32	—
	30 x 40	—
	36 x 48	—
Character height	2 x 10mm	
Display & input device	WYBWYG design Display: TFT LCD (10.4" color), backlight provided Input device: Touch panel, input sound provided	
Screen language (11 languages selectable)	English, Chinese, Korean, Thai, Vietnamese, German, French, Dutch, Italian, Spanish, Swedish, Danish, Greek, Russian, Czech, Polish, Arabic, Serbian, Turkish, Hungarian, Bulgarian, Catalan, Romanian, Finnish, Norwegian, Slovenian	
Maximum print rate (characters per second) (Font 5x5, space 1, 1 line)	Up to 1,348	Up to 1,148 (Optional: Up to 2,294)
Standard characters	Alphanumeric (A-Z, a-z, 0-9), symbols (27) and space: Total 90	
User pattern	50 patterns each for dot matrix	200 patterns each for dot matrix
Print functions	Calendar, Count, Font matrix, Password	
Barcode printing	—	code39, 128, 13, EAN-8, EAN-13, UPCA, UPEC, code128, EAN-128, GS1 Database
2D code printing	—	Data Matrix (4x4 character/minimum: 96 characters), QR, Micro QR code
Message storage capacity	150 messages	300 messages (Option: Up to 2,000 messages (depends on data content))
Input signal	Print target detector, Rotary encoder pulse (NPN/PPV Selectable)	Print target detector, Printing stop, Rotary encoder pulses, Resonance printing, Remote control (Run, Stop, High-voltage ON/OFF, Reset, (NPN/PPV Selectable))
Output signal	Print ready, Fault, Warning (NPN Only)	Print in progress or Print complete, Online (NPN/PPV Selectable), Print ready, Fault, Warning (NPN Only)
Data interface	Option (RS-232C at baud rates selectable up to 115,200bps)	RS-232C at baud rates selectable up to 115,200bps
Printer (Optional communication)	—	IEEE1284, 100BASE-T
External memory	USB for user data storage	
Print head (print length / angle)	45° (inline / 90 degrees)	
Operating temperature range	0-50°C (32-122°F)	
Operating humidity range	30-90% RH (no condensation)	
Power supply (Automatic voltage selection)	AC 100-1000V/50/60Hz/10% 5.0W/0.1A	
Dimensions (Width x Depth x Height)	400 x 300 x 577 mm	
International protection	IP55	IP55
Approximate weight	27kg	

Information in this brochure is subject to change without notice.



Hitachi

UX-D140W



Item		Model
		UX-D140W
Nozzle Size		40µm
Max. # of Print Lines		Up to 4 lines
Max. # of Print Characters		Up to 1,000 characters
Font (horizontal x vertical)	4 x 5	✓
	5 x 5	✓
	5 x 7 (8), 9 x 7 (8)	✓
	7 x 10	✓
	11 x 11	✓ (Chinese Only)
	12 x 18	✓
	18 x 24	✓
	24 x 32	✓
Character Height		1 - 5 mm
Display & Input Device		WYSIWYG Design Display: TFT LCD (10.4" color), backlight provided Input Device: Touch Panel, Input Sound Provided
Screen Language (2 languages selectable)		English, Chinese, Korean, Thai, Vietnamese, German, French, Dutch, Italian, Spanish, Portuguese, Swedish, Danish, Greek, Russian, Czech, Polish, Arabic, Serbian, Turkish, Hungarian, Bulgarian, Catalan, Romanian, Finnish, Norwegian, Slovenian
Max. Print Rate (Characters per second) (Font 5x5, Space 1, 1 Line)		Up to 3,000
Standard Characters		Alphanumeric (A-Z, a-z, 0-9), Symbols (27) and Space: Total 90
User Pattern		200 patterns each for dot matrix
Print Functions		Calendar, Count, Font mixture, Password
Barcode Printing		code39, ITF, NW-7, EAN-13, EAN-8, UPC-A, UPC-E, code128/EAN-128, GS-1 DataBar
2D Code Printing		Data Matrix (Alphabet: 49 characters/Numerals: 96 characters), QR*, Micro QR code
Message Storage Capacity		2,000 messages (depends on data content)
Input Signal		Print target detection, Printing stop, Rotary encoder pulse, Reciprocal printing, Remote control (Run, Stop, High-voltage ON / OFF, Reset), (NPN / PNP Selectable)
Output Signal		Print in progress or Print complete, Online (NPN / PNP Selectable), Print ready, Fault, Warning (NPN Only)
Data Interface		RS-232C at baud rates selectable up to 115,200bps
Ethernet (Modbus communication)		IEEE802.3, 100BASE-T
External Memory		USB for user data storage
Print Head Cable Length/Angle		4m (in-line/90 degrees)
Operating Temperature Range		0-35°C (1.687 K ink)
Operating Humidity Range		30-90% RH (no condensation)
Power Supply (Automatic Voltage Selection)		AC100-130/220-240V±10% 50/60Hz 130VA
Approval		CE, UL, cUL, C-Tick, FCC, ICES
Dimensions (W x D x H)		400 x 330 x 527 mm
International Protection		IP65
Approximate Weight		27kg



Hitachi UX-D1 40W



Item	Model	
	UX-D140W	
Nozzle Size	40µm	
Max. # of Print Lines	Up to 4 lines	
Max. # of Print Characters	Up to 1,000 characters	
Font (horizontal x vertical)	4 x 5	✓
	5 x 5	✓
	5 x 7(8), 9 x 7(8)	✓
	7 x 10	✓
	11 x 11	✓ (Chinese Only)
	12 x 18	✓
	18 x 24	✓
	24 x 32	✓
Character Height	1 - 5 mm	
Display & Input Device	WYSIWYG Design Display: TFT LCD (10.4" color), backlight provided Input Device: Touch Panel, Input Sound Provided	
Screen Language (2 languages selectable)	English, Chinese, Korean, Thai, Vietnamese, German, French, Dutch, Italian, Spanish, Portuguese, Swedish, Danish, Greek, Russian, Czech, Polish, Arabic, Serbian, Turkish, Hungarian, Bulgarian, Catalan, Romanian, Finnish, Norwegian, Slovenian	
Max. Print Rate (Characters per second) (Font 5x5, Space 1, 1 Line)	Up to 3,000	
Standard Characters	Alphanumeric (A-Z, a-z, 0-9), Symbols (27) and Space: Total 90	
User Pattern	200 patterns each for dot matrix	
Print Functions	Calendar, Count, Font mixture, Password	
Barcode Printing	code39, ITF, NW-7, EAN-13, EAN-8, UPC-A, UPC-E, code128/EAN-128, GS-1 DataBar	
2D Code Printing	Data Matrix (Alphabet: 49 characters/Numerals: 96 characters), QR™, Micro QR code	
Message Storage Capacity	2,000 messages (depends on data content)	
Input Signal	Print target detection, Printing stop, Rotary encoder pulse, Reciprocal printing, Remote control (Run, Stop, High-voltage ON / OFF, Reset), (NPN / PNP Selectable)	
Output Signal	Print in progress or Print complete, Online (NPN / PNP Selectable), Print ready, Fault, Warning (NPN Only)	
Data Interface	RS-232C at baud rates selectable up to 115,200bps	
Ethernet (Modbus communication)	IEEE802.3, 100BASE-T	
External Memory	USB for user data storage	
Print Head Cable Length/Angle	4m (in-line/90 degrees)	
Operating Temperature Range	0-35°C (1.687 K ink)	
Operating Humidity Range	30-90% RH (no condensation)	
Power Supply (Automatic Voltage Selection)	AC100-130/220-240V±10% 50/60Hz 130VA	
Approval	CE, UL, cUL, C-Tick, FCC, ICES	
Dimensions (W x D x H)	400 x 330 x 527 mm	
International Protection	IP65	
Approximate Weight	27kg	



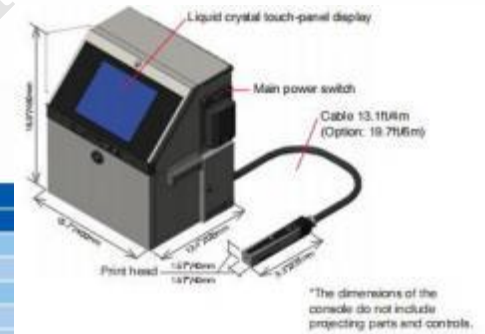
Hitachi UX-Dseries



Nozzle Size	65µm	55µm	40µm	100µm	
Maximum number of print lines	Up to 6 lines	Up to 4 lines			
Maximum number of print characters	Up to 240 characters (Option: Up to 1,000 characters)	Up to 1,000 characters			
Font (Horizontal x Vertical)	4 x 5	✓			
	5 x 5	✓			
	5 x 7(8), 9 x 7(8)	✓			
	7 x 10	✓			
	11 x 11	✓ (Chinese only)	-	✓ (Chinese only)	-
	10 x 12	✓	-		
	12 x 16	✓			
	18 x 24	✓	✓*2	✓	
	24 x 32	✓	-	✓	
30 x 40	✓	-			
36 x 48	✓	-			
Character height	2 ~ 10 mm	2 ~ 8 mm	1 ~ 5mm	3 ~ 15mm	
Display & input device	WYSIWYG design display: TFT LCD (10.4" color), backlight provided; input device: Touch panel, input sound provided				
Screen language (2 languages selectable)	English, Chinese, Korean, Thai, Vietnamese, German, French, Dutch, Italian, Spanish, Portuguese, Swedish, Danish, Greek, Russian, Czech, Polish, Arabic, Serbian, Turkish, Hungarian, Bulgarian, Catalan, Romanian, Finnish, Norwegian, Slovenian				
Maximum print rate (Character per second) (Font 6x5, space 1, 1 line)	Up to 1,148 (Option: Up to 2,563*1)	Up to 3,173	Up to 3,080	Up to 408	
Standard characters	Alphanumeric: 0-9, A-Z, a-z, 0-9; symbols (23) and space: Total 90				
User patterns	300 patterns each for dot matrix (50 patterns for 30x40 and 36x48 fonts)	200 patterns each for dot matrix			
Print functions	Calendar, Count, Font mixture, Password				
Barcode printing	code39, ITF, NW-7, EAN-13, EAN-8, UPC-A, UPC-E, code128, GS-1, DataBar				
2D printing	Data Matrix (Alphabet: 49 characters; numeric: 98 characters), QR Code, Micro QR code	Data Matrix (Alphabet: 49 characters; numeric: 98 characters), QR Code*2, Micro QR code			
Message storage capacity	300 Messages (Option: Up to 2,000 Messages (depends on data content))				
Input signal	Print target detection, Printing stop, Rotary encoder pulse, Reciprocal printing, Remote control (Run, Stop, High-voltage ON/OFF, Reset), (NPN/PNP Selectable)				
Output signal	Print in progress or Print complete, Online (NPN/PNP Selectable), Print ready, Fault, Warning (NPN Only)				
Data interface	RS-232C at baud rates selectable up to 115,200bps				
Ethernet (Modbus communication)	-	IEEE802.3, 100BASE-T			
External memory	USB for user data storage				
Printhead cable length / angle	4m (in-line 90 degrees)				
Operating temperature range	0-50°C (106/7K inh)	0-40°C (104/7K inh)	0-30°C (66/7K inh)		
Operating humidity range	30-90% RH (no condensation)				
Power supply (Automatic voltage selection)	AC100-120/220-240V±10% 50/60Hz 1.50 VA				
Approval	CE, UL, cUL, C-Tick, FCC, ICES				
Dimensions (Width x Depth x Height)	400 x 320 x 527 mm				
International protection	IP65				
Approximate weight	27kg				



Hitachi RX2-SD160W



Item	Model
	RX2-SD160W
Nozzle size	80µm
Max. print line number	Up to 3 lines (Option: Up to 5 lines)
Maximum number of print characters	Up to 120 characters (Option: Up to 1,000 characters)
Font (Horizontal x Vertical)	4x5 5x5 5x7 (8), 9x7 (8) 7x10 11x11 10x12 12x16 18x24 24x32 Option: ✓ ✓ ✓ ✓ ✓ (Chinese only) ✓ ✓ ✓ Option: ✓
Character height	0.08-0.39 inches / 2-10 mm
Display & input device	WYSIWYG design Display: TFT LCD (10.4" color), backlight provided Input device: Touch panel, input sound provided
Screen language 2 language selectable:	English, Chinese, Korean, Thai, Vietnamese, German, French, Dutch, Italian, Spanish, Portuguese, Swedish, Danish, Greek, Russian, Czech, Polish, Arabic, Serbian, Turkish, Hungarian, Bulgarian, Catalan, Romanian, Finnish, Norwegian available
Maximum print rate (character per second) (Font 5x5 space 1, 1 line)	Up to 1,148 (Option: Up to 2,296)
Standard characters	Alphanumeric (A-Z, a-z, 0-9), symbols (27), space: Total 90
User pattern	Each dot matrix 200 patterns
Print functions	Calendar, Count, Font mixture, Password security, etc.
Barcode printing	code 39, ITF, NW-7, EAN-13, EAN-8, UPC-A, UPC-E, code128/EAN-128, GS-1 DataBar
2D code printing	Option: Data Matrix (Alphabet: 49 characters/Numerals: 98 characters), QR, Micro QR code
Message storage capacity	48 messages (Option: Up to 2,000 messages [depends on data content])
Input signal	Print target detection, Printing stop, Rotary encoder pulse, Reciprocal printing, Remote control (Run, Stop, High-voltage ON/OFF, Reset), (NPNPNP Selectable)
Output signal	Print in progress or Print complete, Online (NPNPNP Selectable), Print ready, Fault, Warning (NPN Only)
Data interface	RS-232 at baud rates selectable up to 115,200bps (Option: Ethernet)
External memory	USB for user data storage
Head cable length / angle	13.1ft/4m (inline/0 degrees), (Option: 19.7ft/6m)
Operating temperature range	32 ~ 113°F / 0-45°C (JP-K67, JP-K69 Ink)
Humidity range	30 ~ 90% R.H. (no condensation)
Power supply (Automatic voltage selection)	AC100 ~ 120/220 ~ 240V±10% 50/60Hz 150VA (AC Inlet)
Approval	CE, UL, cUL, C-Tick, FCC, ICES
Overall size (Width x Depth x Height)	15.7 x 12.6 x 18.9 inches 400x320x480mm
Environmental protection	IP65
Approximate weight	55lbs / 25kg

Zanasi Z4700



PRINTING CHARACTERISTICS

- Up to 4 lines of print
- Characters height from 0,8 to 12 mm (0,032" – 0,47")
- Line speed capability: up to 400 mt/min (1320 ft/min)
- Print rate: up to 2136 ct/sec
- Messages and logos storage: up to 4 GB with expandable micro SD memory
- Up to 6800 stroke per message
- Fixed and variable text field types (with operator, automatic or external)
- Text field placing is freely selectable
- Available fonts: 5x4, 5x5, 7x4, 7x5, 9x7, 10x8, 16x 10, 24x 16
- Space between characters is freely selectable
- Print intensity is freely selectable
- Rapid images, shapes and lines creation from touch-screen display
- Automatic date, time, off sets and expiry date multifunction
- Incrementing/decreasing alphanumeric product counters up to 9 digits
- Metric repeat print – message function
- Customizable message repeat with single print start
- Field orientation: 0° , 90° , 180° , 270°
- Tower print function (Text rotation of 90°)
- Coding throw distance up to 90 mm - 3,54" (single line from minimum 3 mm - 0,118")

BAR CODES

- 2/5 Industrial, UPC-A, CODE 39, EAN 13, CODE 128 (A,B,C), EAN 128 (A,B,C), 2D - Datamatrix, ITF (A,B,C)

CONTROL UNIT CHARACTERISTICS

- 10, 1" TFT full color anti-reflection high contrast LED touch-screen
- Stainless steel structure AISI 304
- IP55 rating, no compressed air

- Conduit length: 2 mt – 6,56 ft (4 mt – 13, 1 ft optional)

GENERAL FEATURES

- Exclusive customizable user interface for single operator (functionality, language and alphabets)
- Intuitive user interface with graphic icons
- Innovative graphic editor with stretch and drag & drop functions with smartphone technology
- User interface and virtual keyboard with foreign languages and alphabets
- Automatic flushing with solvent recycling in both start up and shut down
- Low consumption thanks to the enhanced recycling system
- Message storage with file name
- Print parameters storage in the messages
- Check message dimension
- Multi-level access with login
- Report function for executed printing counter
- On line help and user manual with contextual photos and videos

PRINTHEAD

- Stainless steel and aluminium structure hermetically sealed
- Micro Print Nozzle for high quality resolution print (optional)
- Auto-phasing of ink stream for consistent print quality
- Microjet nozzle cleaning function
- Wide range of standard, pigmented, food and MEK-free inks
- Conduit inlet at 90° (optional)
- Internal Supply Positive Air Function
- 90° model for reduced/short spaces

(optional)

EXTERNAL CONNECTIONS

- Serial connection RS232 and RS485/422
- Ethernet interface for LAN 10/ 100 connection
- USB port version 2.0
- Sensor management for product reading
- System ready output
- Shaft Encoder input for variable speed production lines
- External alarm outputs with traffic light column
- Parallel interface BCD, 2 bit
- Scanner connection for printed bar code validation or index message selection

ENVIRONMENT/ELECTRICAL REQUIREMENTS

- Temperature: from 5° to 45° C (40° - 113°F)
- Humidity: 10 - 90% (non-condensing)
- Single Phase, 85 - 240 Vac, 50 - 60 Hz, 100 VA

Zanasi Z303



PRINTING CHARACTERISTICS

- Management of one 16 or two 7 dots
- printheads
 - Up to two lines of print
 - Print height from 5 to 60 mm (0,20" - 2,37")
 - Line speed capability: up to 180 mt/min (591 ft/min)
- Printing rate: up to 266 ct/sec
- 100 messages storage per head
- 80 characters for each message
- Selectable lines vertical gap
- Available font: 5x5, 7x5, 9x7, 16x 10
- Bold factor: up to 5 times
- Logos creation from keyboard
- Up to 26 different logos storage
- Automatic calendar and expiration date print
 - Incremental/decreasing products counter up to 9 digits
 - Repeat print - message function
 - Printing in all moving directions
 - Tower print function (text rotation of 90°)
 - Coding throw distance up to 35 mm (1,37")

CONSTRUCTION CHARACTERISTICS

- Membrane panel solvent resistant
- Backlit alphanumeric display
- Stainless steel structure AISI 304
- Printhead-console distance: up to 10 mt (33 ft)

GENERAL FEATURES

- Print parameters stored in the messages
- Report function for executed printing counter
- Help button for texts editing
- Keypad access with password
- Operator selectable foreign language

prompts

PRINT HEAD

- High speed solenoid technology
- Ink options to include: Rapid dry and high adhesion inks
- Stainless nozzle plate AISI 304
- Stainless steel structure AISI 304
- Dimensions printhead 7 dots: 230 mm x 80 mm x 45 mm (9,0" x 3,1" x 1,8")
- Dimensions printhead 16 dots: 230 mm x 80 mm x 85 mm (9,0" x 3,1" x 3,3")

EXTERNAL CONNECTIONS

- Serial connection: RS232, RS422 or RS485
- Sensor management for product detection
- Parallel interface BCD
- Shaft encoder input for variable speed production lines
- External alarm output

CF-7500 printer



Application:
Widely used in food, beverage, tobacco, electronics, medicine, leather, alcohol and other industries. Applicable materials: paper, plastic, film, foil, wood, glass, PVC, ABS etc..

Performance characteristics:

(1) Advanced performance
Original ink viscosity detection and liquid level detection technology
Fully dissected nozzle design
The magnetically controlled non-contact high-voltage switch is designed to avoid machine failure caused by poor contact after long-term use.

(2) Maintenance is simpler and inspection is easier
The circuit system is separated from the ink system to avoid accidental damage to the machine during maintenance and use.

(3)A drawer-type ink system makes maintenance easier.
Direct operation of the ink system with a single valve and pump closure through the menu makes it easier to determine machine failures and eliminate unnecessary maintenance costs.

(4) Perfect function, convenient and durable
The automatic cleaning of the nozzle ensures that the machine will operate stably for long periods of time.
The unique 25 dot matrix design is suitable for customers in different industries to meet the requirements of various logos.
Chinese display menu, built-in 12 dot matrix, 16 dot matrix each three thousand Chinese character library, spelling f sound input, pattern online editing function is complete.
Spin-on ink addition system, plug and play, no need to replace the ink tank, saving consumables.
Support data transmission, and can form a complete automated identification system with other electronic devices (such as weighing instruments, computers).
Dedicated print fonts and print modes can be tailored to customers with special requirements.

Print Effect Picture for reference

Technical data	Configure
Print head diameter	41mm
Print lines	1-3lines
Print head length	260mm
Max dots	25dots
Dots types	5*5, 7*5.9*7, 11*9 , 16*11,24*16
Nozzle aperture	60μm
Conduitlength	2700mm
Machine size	345*286*570mm
Weight	27KG
Voltage	100V-240V AC
Frequency	50Hz-60Hz
Power	120W
Operating temperature	5-45° C
Relative humidity	0-90%, Non-frosting
Storage temperature	5-45° C



Big Character on line Ink Jet Printer D07B



Product features:

text, mixed-interface suitable for porous material and

economic, reliable, no maintenance, long service life and unique designs and quick wash function.

Print Parameter:

Spray Printing font size and the line number:

7 points array: height 10-24mm interval any regulation, width any regulation can spray printing line digital or English

in the English can selected store information: 100 article, each article

information can entered 36 a 32 points array characters or 72 a 16 points characters or 144 a 7 points digital or English software function: real-time date clock, and print batch, and count, and shifts, and font upper and lower upside down, and around flip print speed: 0.5- 120 meters/minutes

print distance: from was spray printing objects surface: 5-50mm state displayed: print Shi red indicates lamp bright screen displayed: displayed all print parameter, at a glance, a key change set triggered way: photoelectric induction device triggered Spray printing direction: side spray, and Xia spray spray printing material: permeability or non-penetration material are can using

Ink: water ink (permeability surface) or oily ink (non-permeability)

ink color: black

way: built-in pump suppressed

gas source pressure: 0.03Mp

power parameter: AC220V, and 50HZ, average power is less than 100W data: can RS232 and computer transmission using environment: temperature-20 degrees-60 degrees, humidity 30%-70% machine weight: 10Kg

machine size: 240*190*100cm

machine appearance: industrial spray, wear-resistant and durable

Big Character on line Ink Jet Printer D07W



Product features:

text, mixed-interface suitable for porous material and

economic, reliable, no maintenance, long service life and unique designs and quick wash function.

Print Parameter:

Spray Printing font size and the line number:

7 points array: height 10-24mm interval any regulation, width any regulation can spray printing line digital or English

in the English can selected store information: 100 article, each article

information can entered 36 a 32 points array characters or 72 a 16 points characters or 144 a 7 points digital or English software function: real-time date clock, and print batch, and count, and shifts, and font upper and lower upside down, and around flip print speed: 0.5- 120 meters/minutes

print distance: from was spray printing objects surface: 5-50mm state displayed: print Shi red indicates lamp bright screen displayed: displayed all print parameter, at a glance, a key change set triggered way: photoelectric induction device triggered Spray printing direction: side spray, and Xia spray spray printing material: permeability or non-penetration material are can using

Ink: water ink (permeability surface) or oily ink (non-permeability)

ink color: White

way: built-in pump suppressed

gas source pressure: 0.03Mp

power parameter: AC220V, and 50HZ, average power is less than 100W data: can RS232 and computer transmission using environment: temperature-20 degrees-60 degrees, humidity 30%-70% machine weight: 10Kg

machine size: 240*190*100cm

machine appearance: industrial spray, wear-resistant and durable

Big Character on line Ink Jet Printer D16B



Product features:

text, mixed-interface suitable for porous material and

economic, reliable, no maintenance, long service life and unique designs and quick wash function.

Print Parameter:

Spray Printing font size and the line number:

7 points array: height 10-24mm interval any regulation, width any regulation can spray printing line digital or English

16 points array: height 10-60mm interval any regulation, width any regulation, can spray printing line characters and double line digital or English

in the English can selected store information: 100 article, each article

information can entered 36 a 32 points array characters or 72 a 16 points characters or 144 a 7 points digital or English software function: real-time date clock, and print batch, and count, and shifts, and font upper and lower upside down, and around flip
print speed: 0.5- 120 meters/minutes

print distance: from was spray printing objects surface: 5-50mm state displayed: print Shi red indicates lamp bright screen
displayed: displayed all print parameter, at a glance, a key change set triggered way: photoelectric induction device triggered Spray
printing direction: side spray, and Xia spray spray printing material: permeability or non-penetration material are can using

Ink: water ink (permeability surface) or oily ink (non-permeability)

ink color: black

way: built-in pump suppressed

gas source pressure: 0.03Mp

power parameter: AC220V, and 50HZ, average power is less than 100W data: can RS232 and computer transmission using

environment: temperature-20 degrees-60 degrees, humidity 30%-70% machine weight: 10Kg

machine size: 240*190*100cm

machine appearance: industrial spray, wear-resistant and durable

Big Character on line Ink Jet Printer D16W



Product features:
text, mixed-interface suitable for porous material and

economic, reliable, no maintenance, long service life and unique designs and quick wash function.

Print Parameter:

Spray Printing font size and the line number:

7 points array: height 10-24mm interval any regulation, width any regulation can spray printing line digital or English

16 points array: height 10-60mm interval any regulation, width any regulation, can spray printing line characters and double line digital or English

in the English can selected store information: 100 article, each article

information can entered 36 a 32 points array characters or 72 a 16 points characters or 144 a 7 points digital or English software function:

real-time date clock, and print batch, and count, and shifts, and font upper and lower upside down, and around flip

print speed: 0.5- 120 meters/minutes

print distance: from was spray printing objects surface: 5-50mm state displayed: print Shi red indicates lamp bright screen

displayed: displayed all print parameter, at a glance, a key change set triggered way: photoelectric induction device triggered Spray

printing direction: side spray, and Xia spray spray printing material: permeability or non-penetration material are can using

Ink: water ink (permeability surface) or oily ink (non-permeability)

ink color: White

way: built-in pump suppressed

gas source pressure: 0.03Mp

power parameter: AC220V, and 50HZ, average power is less than 100W data: can RS232 and computer transmission using

environment: temperature-20 degrees-60 degrees, humidity 30%-70% machine weight: 10Kg

machine size: 240*190*100cm

machine appearance: industrial spray, wear-resistant and durable

Big Character on line Ink Jet Printer D32B



Product features:

text, mixed-interface suitable for porous material and

economic, reliable, no maintenance, long service life and unique designs and quick wash function.

Print Parameter:

Spray Printing font size and the line number:

7 points array: height 10-24mm interval any regulation, width any regulation can spray printing line digital or English

16 points array: height 10-60mm interval any regulation, width any regulation, can spray printing line characters and double line digital or English

32 points array characters or double line 16 points array characters and four line digital letters operation interface:

in the English can selected store information: 100 article, each article

information can entered 36 a 32 points array characters or 72 a 16 points characters or 144 a 7 points digital or English software function:

real-time date clock, and print batch, and count, and shifts, and font upper and lower upside down, and around flip

print speed: 0.5- 120 meters/minutes

print distance: from was spray printing objects surface: 5-50mm state displayed: print Shi red indicates lamp bright screen

displayed: displayed all print parameter, at a glance, a key change set triggered way: photoelectric induction device triggered Spray

printing direction: side spray, and Xia spray spray printing material: permeability or non-penetration material are can using

Ink: water ink (permeability surface) or oily ink (non-permeability)

ink color: black

way: built-in pump suppressed

gas source pressure: 0.03Mp

power parameter: AC220V, and 50HZ, average power is less than 100W data: can RS232 and computer transmission using

environment: temperature-20 degrees-60 degrees, humidity 30%-70% machine weight: 10Kg

machine size: 240*190*100cm

machine appearance: industrial spray, wear-resistant and durable

Big Character on line Ink Jet Printer D32W



Product features:

text, mixed-interface suitable for porous material and

economic, reliable, no maintenance, long service life and unique designs and quick wash function.

Print Parameter:

Spray Printing font size and the line number:

7 points array: height 10-24mm interval any regulation, width any regulation can spray printing line digital or English

16 points array: height 10-60mm interval any regulation, width any regulation, can spray printing line characters and double line digital or English

32 points array: height 10-126mm interval any regulation, width any regulation, can spray printing line

in the English can selected store information: 100 article, each article

information can entered 36 a 32 points array characters or 72 a 16 points characters or 144 a 7 points digital or English software function: real-time date clock, and print batch, and count, and shifts, and font upper and lower upside down, and around flip

print speed: 0.5- 120 meters/minutes

print distance: from was spray printing objects surface: 5-50mm state displayed: print Shi red indicates lamp bright screen displayed: displayed all print parameter, at a glance, a key change set triggered way: photoelectric induction device triggered Spray printing direction: side spray, and Xia spray spray printing material: permeability or non-penetration material are can using

Ink: water ink (permeability surface) or oily ink (non-permeability)

ink color: White

way: built-in pump suppressed

gas source pressure: 0.03Mp

power parameter: AC220V, and 50HZ, average power is less than 100W data: can RS232 and computer transmission using

environment: temperature-20 degrees-60 degrees, humidity 30%-70% machine weight: 10Kg

machine size: 240*190*100cm

machine appearance: industrial spray, wear-resistant and durable

DOD Ink Jet handling Printer

Item Name: 16dot DOD handling black ink printer

Model: DH16B

Item Name: 16dot DOD handling white ink printer

Model: DH16W

Item Name: 32dot DOD handling black ink printer

Model: DH32B

Item Name: 32dot DOD handling white ink printer

Model: DH32W

Product Introduction:

1, small size, the body weighs 2.6Kg, the nozzle ultra-light.

2, the character height arbitrarily adjusts the 5mm-60mm interval arbitrary adjustment

3, the Pinyin input method, the operation convenient

4, with the cleaning function, the ink bag package ink may change at any time to replace the

cleaning liquid bag, and has the discharge ink interface, may the instantaneous nozzle and the

ink tube in the ink discharge, and fills the cleaning liquid, guarantees the next normal use,

The sprinkler never jams, not dry.

5, gas-liquid separation, to ensure that the air pump gas is not blocked by Ink

6, four-wheel design, can spray plane, arc surface, pipe wall, such as any irregular surface

7, the track can be adjusted, can card different thickness of pipe

8, 4.3-inch color LCD screen, humanized operation

Special features:

machine-specific height adjustment function, So the nozzle can be adjusted an angle, and

then set a slope in the host with this angle, through the encoder to give the synchronization

signal, print out the characters are taller than the original character, it is worth proposing is to change the height of the letter and not reduce the number of printing points.

Product parameters:

Printing font size and number of lines: 32-point array:

Height 10-- 126mm interval arbitrary adjustment, the width of any adjustment can be sprayed single-line Chinese characters and two lines of digital or English

software features: real-time date clock, print batches, count, shift font up and down, flip-out

printing graphics: Inkjet printers Standard graphics, symbols and other date codes: Support century, year, month, day, time, minute,

printing speed: manual control

printing distance: from the surface of the printed object: 8mm fixed

state display: The red indicator light on the screen

display: Display all the printing parameters, at a glance, a key to

change the setting

trigger: Photoelectric sensor trigger

printing Control: Encoder Control Printing

Direction: 360 degrees can be sprayed printing

material: permeable or non-permeable material

can use ink: water-based ink (permeable surface) or oily ink (non-permeable)

ink color: Black, red, blue, yellow, white, optional ink:

Built-in air pump pressure: 0.01-0.06MP A

djustable power supply Parameters: DC24V, 1.5A,

average power consumption less than 30W

charging time: No more than 3 hours

battery life: Minimum Eight hours

temperature-20 degrees-70 degrees,

humidity 30%-70%

cable length: 1.8 m (can be customized according to requirements)

machine weight: approx. 4Kg

machine Size: 205*130 *110mm

machine Appearance: All stainless steel body, anti-wear durable

overall size: 48*38*17.5cm, total weight:10kgs



CF-330 1.27cm Series inkjet printer



Specification	Description
Model	Cheef -HP01 TIJ Thermal Inkjet Printer
Display	Touch Screen
Character height	1mm- 18mm
Print Area	1-8 lines
Print Symbols	Logo,Pictures
Ink Cartridge	Solvent-based or oil-based environmentally friendly ink
Message Memory	huge amounts of information
Print Images	Alphanumeric,logo,date/time,expiry date ,shift code,Lot-box code and barcode ,counter
Printing direction	360 degree
Ink Colors	black,red,blue,yellow,green
Ink Type	Water-based ink and dry fast ink
Message Storage Capacity	Store up to 1000 messages with SD card
Dimension (L/W/H)	135x 128x 200MM
Weight	1.2Kg
Print Speed	80metres per minute
Print Height	1mm to 12mm
Print material	Metal, plastic, paper, glass, wood, stone, etc
Print Resolution	600DPI
Function	Can be used by hand and can be used with the production line

CF-331 2.54cm Series inkjet printer



Specification	Description
Model	CF-331
Display	Touch Screen
Character height	1mm-25mm
Print Area	1-8 lines
Print Symbols	Logo,Pictures
Ink Cartridge	Solvent-based or oil-based environmentally friendly ink
Message Memory	huge amounts of information
Print Images	Alphanumeric,logo,date/time,expiry date ,shift code,Lot-box code and barcode ,counter
Printing direction	360 degree
Ink Colors	black,red,blue,yellow,green
Ink Type	Water-based ink and dry fast ink
Message Storage Capacity	Store up to 1000 messages with SD card
Dimension (L/W/H)	135x 128x 200MM
Weight	1.2Kg
Print Speed	80metres per minute
Print material	Metal, plastic, paper, glass, wood, stone, etc
Print Resolution	600DPI
Function	Can be used by hand and can be used with the production line

CF-331 2.54cm Series inkjet printer



Specification	Description
Model	CF-332
Display	Touch Screen
Character height	1mm-50mm
Print Area	1-8 lines
Print Symbols	Logo,Pictures
Ink Cartridge	Solvent-based or oil-based environmentally friendly ink
Message Memory	huge amounts of information
Print Images	Alphanumeric,logo,date/time,expiry date ,shift code,Lot-box code and barcode ,counter
Printing direction	360 degree
Ink Colors	black,red,blue,yellow,green
Ink Type	Water-based ink and dry fast ink
Message Storage Capacity	Store up to 1000 messages with SD card
Dimension (L/W/H)	135x 128x 200MM
Weight	1.2Kg
Print Speed	80metres per minute
Print material	Metal, plastic, paper, glass, wood, stone, etc
Print Resolution	600DPI
Function	Can be used by hand and can be used with the production line

Desktop Co2 Laser Printer 30W CDB-C30W



Technical data		Configure
Parameter	Laser	CO2 laser
	Wave length	10.64um
	Average power	30W
	Repeat Frequency of Laser	≤25kHz
	Red light localization	Yes
Vibrating mirror parameters	Marking speed	≤7000mm/s
	Repeat positioning accuracy	0.01mm
optical output	Marking Area	70×70mm/110x110mm/175x175mm (apolegamy)
	Minimum line width	0.1mm
	Marking Depth	≤5mm
	Min character	0.4mm
coolant passage	cooling-down method	air patenting
System Properties	Power Supply	2KW/AC220V/50Hz/6A
	Operating	Windows XP WIN7
	Environment Request	0~35° C, Humidity≤90%

Application:

widely used in food, beverage, tobacco, electronics, medicine, leather, alcohol and other industries. Applicable materials: paper, plastic, film, foil, wood, glass, PVC, ABS etc..

Performance characteristics:

(1) the equipment is small in size, easy to install, no maintenance, less power consumption. Unique integrated fully integrated design, optical, electronic, and mechanical devices are highly integrated.

(2) the high-speed galvanometer laser marking header, marking speed, with a high quality beam, long service life, installation characteristics of flexible and convenient maintenance and so on.

(3) special laser printing software, simple operation, no poison, no pollution, high stability, low failure rate. Can meet the needs of more than most of the various types of production line.

Print Effect Picture for reference

Desktop Co2 Laser Printer 30W

CFB-C30W



Technical data		Configure
Parameter	Laser	CO2 laser
	Wave length	10. 64um
	Average power	30W
	Repeat Frequency of Laser	≤25kHz
	Red light localization	Yes
Vibrating mirror parameters	Marking speed	≤7000mm/s
	Repeat positioning accuracy	0. 01mm
optical output	Marking Area	70× 70mm/110x110mm/175x175mm (apolegamy)
	Minimum line width	0. 1mm
	Marking Depth	≤5mm
	Min character	0.4mm
coolant passage	cooling-down method	air patenting
System Properties	Power Supply	2KW/AC220V/50Hz/6A
	Operating	Windows XP WIN7
	Environment Request	0~35° C, Humidity≤90%

Application:

widely used in food, beverage, tobacco, electronics, medicine, leather, alcohol and other industries. Applicable materials: paper, plastic, film, foil, wood, glass, PVC, ABS etc..

Performance characteristics:

(1) the equipment is small in size, easy to install, no maintenance, less power consumption. Unique integrated fully integrated design, optical, electronic, and mechanical devices are highly integrated.

(2) the high-speed galvanometer laser marking header, marking speed, with a high quality beam, long service life, installation characteristics of flexible and convenient maintenance and so on.

(3) special laser printing software, simple operation, no poison, no pollution, high stability, low failure rate. Can meet the needs of more than most of the various types of production line.

Print Effect Picture for reference

Desktop Co2 Laser Printer 30W

CFB-C60W



Technical data		Configure
Parameter	Laser	CO2 laser
	Wave length	10. 64um
	Average power	60W
	Repeat Frequency of Laser	≤25kHz
	Red light localization	Yes
Vibrating mirror parameters	Marking speed	≤12000mm/s
	Repeat positioning accuracy	0. 01mm
optical output	Marking Area	70× 70mm/110x110mm
	Minimum line width	0. 1mm
	Marking Depth	≤5mm
	Min character	0.4mm
coolant passage	cooling-down method	air patenting
System Properties	Power Supply	3KW/AC220V/50Hz/6A
	Operating	Windows XP WIN7
	Environment Request	0~35° C, Humidity≤90%

Application:

widely used in food, beverage, tobacco, electronics, medicine, leather, alcohol and other industries. Applicable materials: paper, plastic, film, foil, wood, glass, PVC, ABS etc..

Performance characteristics:

(1) the equipment is small in size, easy to install, no maintenance, less power consumption. Unique integrated fully integrated design, optical, electronic, and mechanical devices are highly integrated.

(2) the high-speed galvanometer laser marking header, marking speed, with a high quality beam, long service life, installation characteristics of flexible and convenient maintenance and so on.

(3)special laser printing software, simple operation, no poison, no pollution, high stability, low failure rate. Can meet the needs of more than most of the various types of production line.

Print Effect Picture for reference

Desktop Fiber Laser Printer 30W CDB-FL30W



Technical data		Configure
Parameter	Laser	Fibre laser
	Wave length	1064nm
	Average power	30W
	If take optical coupler	Yes
	Repeat frequency of laser	20k Hz~80k Hz
	Red light localization	yes
Vibrating mirror parameters	maximum speed	7000mm/s
	resolution ratio	0.001mm
	Repeat positioning accuracy	0.0025mm
optical output	Marking Area	70× 70mm, 100*100mm (apolegamy)
	Minimum line width	0.01mm
	Min character	0.2mm
coolant passage	cooling-down method	air patenting
System Properties	Power Supply	0.6KW/AC220V/50Hz
	Environment Request	0~35° C, Humidity≤90%



Application:
Normally used on metal...

Performance characteristics:

(1) the equipment is small in size, easy to install, no maintenance, less power consumption. Unique integrated fully integrated design, optical, electronic, and mechanical devices are highly integrated.

(2) the high-speed galvanometer laser marking header, marking speed, with a high quality beam, long service life, installation characteristics of flexible and convenient maintenance and so on.

(3) special laser printing software, simple operation, no poison, no pollution, high stability, low failure rate. Can meet the needs of more than most of the various types of production line.

Print Effect Picture for reference

Flying Fiber Laser Printer 30W CFB-FL30W



Technical data		Configure
Parameter	Laser	Fibre laser
	Wave length	1064nm
	Average power	30W
	If take optical coupler	Yes
	Repeat frequency of laser	20k Hz~80k Hz
	Red light localization	yes
Vibrating mirror parameters	maximum speed	7000mm/s
	resolution ratio	0.001mm
	Repeat positioning accuracy	0.0025mm
optical output	Marking Area	70×70mm, 100*100mm (apolegamy)
	Minimum line width	0.01mm
	Min character	0.2mm
coolant passage	cooling-down method	air patenting
System Properties	Power Supply	0.6KW/AC220V/50Hz
	Environment Request	0~35° C, Humidity ≤ 90%

Application:
Normally used on metal...

Performance characteristics:

(1) the equipment is small in size, easy to install, no maintenance, less power consumption. Unique integrated fully integrated design, optical, electronic, and mechanical devices are highly integrated.

(2) the high-speed galvanometer laser marking header, marking speed, with a high quality beam, long service life, installation characteristics of flexible and convenient maintenance and so on.

(3) special laser printing software, simple operation, no poison, no pollution, high stability, low failure rate. Can meet the needs of more than most of the various types of production line.

Print Effect Picture for reference

Flying Fiber Laser Printer 50W CFB-FL50W



Technical data		Configure
Parameter	Laser	Fibre laser
	Wave length	1064nm
	Average power	50W
	If take optical coupler	Yes
	Repeat frequency of laser	20k Hz~80k Hz
	Red light localization	yes
Vibrating mirror parameters	maximum speed	7000mm/s
	resolution ratio	0.001mm
	Repeat positioning accuracy	0.0025mm
optical output	Marking Area	70× 70mm, 100*100mm (apolegamy)
	Minimum line width	0.01mm
	Min character	0.2mm
coolant passage	cooling-down method	air patenting
System Properties	Power Supply	0.6KW/AC220V/50Hz
	Environment Request	0~35° C, Humidity≤90%



Application:
Normally used on metal...

Performance characteristics:

(1) the equipment is small in size, easy to install, no maintenance, less power consumption. Unique integrated fully integrated design, optical, electronic, and mechanical devices are highly integrated.

(2) the high-speed galvanometer laser marking header, marking speed, with a high quality beam, long service life, installation characteristics of flexible and convenient maintenance and so on.

(3) special laser printing software, simple operation, no poison, no pollution, high stability, low failure rate. Can meet the needs of more than most of the various types of production line.

Print Effect Picture for reference

Flying Fiber Laser Printer 70W CFB-FL70W



Technical data		Configure
Parameter	Laser	Fibre laser
	Wave length	1064nm
	Average power	50W
	If take optical coupler	Yes
	Repeat frequency of laser	20k Hz~80k Hz
	Red light localization	yes
Vibrating mirror parameters	maximum speed	7000mm/s
	resolution ratio	0.001mm
	Repeat positioning accuracy	0.0025mm
optical output	Marking Area	70× 70mm, 100*100mm (apolegamy)
	Minimum line width	0.01mm
	Min character	0.2mm
coolant passage	cooling-down method	air patenting
System Properties	Power Supply	0.6KW/AC220V/50Hz
	Environment Request	0~35° C, Humidity≤90%



Application:
Normally used on metal...

Performance characteristics:

(1) the equipment is small in size, easy to install, no maintenance, less power consumption. Unique integrated fully integrated design, optical, electronic, and mechanical devices are highly integrated.

(2) the high-speed galvanometer laser marking header, marking speed, with a high quality beam, long service life, installation characteristics of flexible and convenient maintenance and so on.

(3) special laser printing software, simple operation, no poison, no pollution, high stability, low failure rate. Can meet the needs of more than most of the various types of production line.

Print Effect Picture for reference

Desktop Fiber Laser Printer 20W CDB-FL20W



Technical data		Configure
Parameter Vibrating mirror parameters optical outputcoola nt passageSyst em Properties	Laser	Fibre laser
	Wave length	1064nm
	Average power	20W
	Modulation frequency range	20k Hz~80k Hz
	Red light localization	yes
	maximum speed	7000mm/s
	resolution ratio	0.001mm
	Repeat positioning accuracy	0.002mm
	Marking Area	110*110mm (apolegamy)
	Minimum line width	0.01mm
	Min character	0.2mm
	cooling-down method	air patenting
	Power Supply	0.6KW/AC220V/50Hz
	Environment Request	0~35° C, Humidity≤90%
		130*40*60cm, 80KG



Application:
Normally used on metal...

Performance characteristics:

(1) the equipment is small in size, easy to install, no maintenance, less power consumption. Unique integrated fully integrated design, optical, electronic, and mechanical devices are highly integrated.

(2) the high-speed galvanometer laser marking header, marking speed, with a high quality beam, long service life, installation characteristics of flexible and convenient maintenance and so on.

(3) special laser printing software, simple operation, no poison, no pollution, high stability, low failure rate. Can meet the needs of more than most of the various types of production line.

Print Effect Picture for reference

Fly Fiber Laser Printer 20W CFB-FL20W



Technical data		Configure
Parameter Vibrating mirror parameters optical outputcoolan t passageSyste m Properties	Laser	MAXFibre laser
	Wave length	1064nm
	Average power	20W
	Modulation frequency range	20kHz~80kHz
	Red light localization	no
	maximum speed	7000mm/s
	resolution ratio	0.001mm
	Repeat positioning accuracy	0.002mm
	Marking Area	110*110mm (apolegamy)
	Galvanometer	Ouya
	Minimum line width	0.01mm
	Min character	0.2mm
	cooling-down method	air patenting
	Power Supply	0.6KW/AC220V/50Hz
	Environment Request	0~35° C, Humidity≤90%
	Control Software	CNF
		130*40*60cm, 105KG

Application:
Normally used on metal...

Performance characteristics:

(1) the equipment is small in size, easy to install, no maintenance, less power consumption. Unique integrated fully integrated design, optical, electronic, and mechanical devices are highly integrated.

(2) the high-speed galvanometer laser marking header, marking speed, with a high quality beam, long service life, installation characteristics of flexible and convenient maintenance and so on.

(3) special laser printing software, simple operation, no poison, no pollution, high stability, low failure rate. Can meet the needs of more than most of the various types of production line.

Print Effect Picture for reference

Desktop Fiber Laser Printer50W CDB-FL50W



Technical data		Configure
Parameter	Laser	Fibre laser
	Wave length	1064nm
	Average power	50W
	If take optical coupler	Yes
	Repeat frequency of laser	20kHz~80kHz
	Red light localization	yes
Vibrating mirror parameters	maximum speed	7000mm/s
	resolution ratio	0.001mm
	Repeat positioning accuracy	0.0025mm
optical output	Marking Area	70×70mm, 100*100mm (apolegamy)
	Minimum line width	0.01mm
	Min character	0.2mm
coolant passage	cooling-down method	air patenting
System Properties	Power Supply	0.6KW/AC220V/50Hz
	Environment Request	0~35° C, Humidity≤90%

Application:
Normally used on metal...

Performance characteristics:

(1) the equipment is small in size, easy to install, no maintenance, less power consumption. Unique integrated fully integrated design, optical, electronic, and mechanical devices are highly integrated.

(2) the high-speed galvanometer laser marking header, marking speed, with a high quality beam, long service life, installation characteristics of flexible and convenient maintenance and so on.

(3) special laser printing software, simple operation, no poison, no pollution, high stability, low failure rate. Can meet the needs of more than most of the various types of production line.

Print Effect Picture for reference

Flying Fiber Laser Printer 50W CFB-FL50W



Technical data		Configure
Parameter	Laser	Fibre laser
	Wave length	1064nm
	Average power	50W
	If take optical coupler	Yes
	Repeat frequency of laser	20k Hz~80k Hz
Vibrating mirror parameters	Red light localization	yes
	maximum speed	7000mm/s
	resolution ratio	0.001mm
	Repeat positioning accuracy	0.0025mm
optical output	Marking Area	70×70mm, 100*100mm(apolegamy)
	Minimum line width	0.01mm
	Min character	0.2mm
coolant passage	cooling-down method	air patenting
System Properties	Power Supply	0.6KW/AC220V/50Hz
	Environment Request	0~35° C, Humidity≤90%

Application:
Normally used on metal...

Performance characteristics:

(1) the equipment is small in size, easy to install, no maintenance, less power consumption. Unique integrated fully integrated design, optical, electronic, and mechanical devices are highly integrated.

(2) the high-speed galvanometer laser marking header, marking speed, with a high quality beam, long service life, installation characteristics of flexible and convenient maintenance and so on.

(3) special laser printing software, simple operation, no poison, no pollution, high stability, low failure rate. Can meet the needs of more than most of the various types of production line.

Print Effect Picture for reference

UV laser

Marking machine

CDB-UV 3.0



Technical data	Configure
wavelength (nm)	355
repeat frequency	10Hz to 150kHz (up to 500kHz)
Pulse width (ns) @30kHz	18
Average power (W) @30kHz	3.0
Average power stability	<±3% over 24 hours
Single pulse energy (uJ) @30kHz	100
Single pulse stability	<3%rms
Spot pattern	TEM00($m^2 < 1.3$)
Spot divergence angle	<2mrad
Spot diameter	0.7mm
Spot roundness	>90%
Point to stability	<50urad
Polarization state	Horizontal
Polarization ratio	100:1
Use voltage	15-30
Refrigeration method	Water-cooling
Temperature range of the usage environment (° C)	-10-50

Application:

Film etching,Glass marking,Material micromachining,Crystal garden cutting,
Laser rapia prototyping

Performance characteristics:

- (1) Ultra clean laboratory package
- (2)Long-term work stability,to meet the 24/7 industrial applications
- (3)Small size,compact structure

Print Effect Picture for reference

UV laser Marking machine

CDB-UV5.0



Technical data	Configure
wavelength (nm)	355
repeat frequency	10Hz to 150kHz (up to 500kHz)
Pulse width (ns) @30kHz	18
Average power (W) @30kHz	5.0
Average power stability	< ±3% over 24 hours
Single pulse energy (uJ) @30kHz	100
Single pulse stability	<3%rms
Spot pattern	TEM00($m^2 < 1.3$)
Spot divergence angle	<2mrad
Spot diameter	0.7mm
Spot roundness	>90%
Point to stability	<50urad
Polarization state	Horizontal
Polarization ratio	100:1
Use voltage	15-30
Refrigeration method	Water-cooling
Temperature range of the usage environment (° C)	-10-50



Application:

Film etching,Glass marking,Material micromachining,Crystal garden cutting,
Laser rapia prototyping

Performance characteristics:

- (1) Ultra clean laboratory package
- (2)Long-term work stability,to meet the 24/7 industrial applications
- (3)Small size,compact structure

Print Effect Picture for reference

UV laser

Marking machine

CFB-UV3.0



Technical data	Configure
wavelength (nm)	355
repeat frequency	10Hz to 150kHz (up to 500kHz)
Pulse width (ns) @30kHz	18
Average power (W) @30kHz	3.0
Average power stability	<±3% over 24 hours
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Polarization ratio	100:1
Use voltage	15-30
Refrigeration method	Water-cooling
Temperature range of the usage environment (° C)	-10-50



Application:

Film etching,Glass marking,Material micromachining,Crystal garden cutting,
Laser rapia prototyping

Performance characteristics:

- (1) Ultra clean laboratory package
- (2)Long-term work stability,to meet the 24/7 industrial applications
- (3)Small size,compact structure

Print Effect Picture for reference

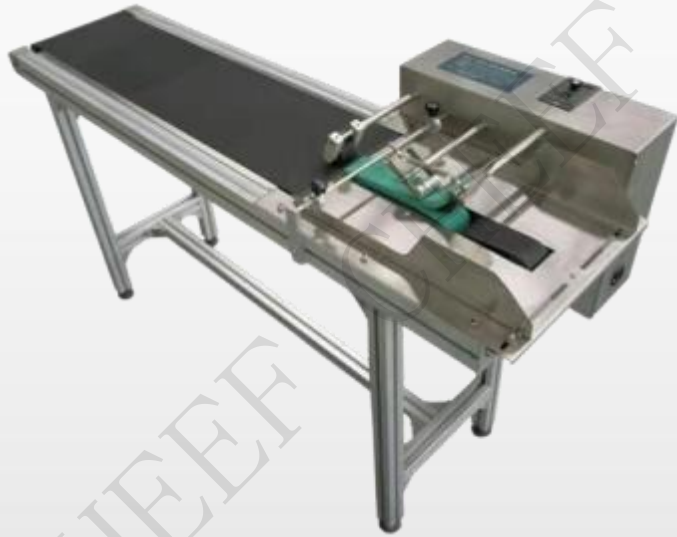
UV inkjet printer UV-CF-JAG5-A1



1. Nozzle type: all imported industrial piezoelectric nozzles, the number of nozzles is 1280, the number of nozzle rows is 4, and there are 4 groups of printing modules
2. Printing width: 54mm; it can be expanded to two groups of nozzles at most, that is, 8 nozzles, and 4 nozzles are a group
3. Printing accuracy: 600DPI*200- 1200DPI (arbitrary precision), high-speed printing barcode grade is A, minimum printing characters 1mm; vertical resolution (vertical) 600DP fixed * horizontal resolution (horizontal) adjustable
4. Printing speed: the resolution is 600DPI*200DPI; the printing speed can reach 150 m/min;
5. Nozzle frequency: single point 30KHZ, grayscale 20KHZ Nozzle ink drop: 7PL Nozzle features: support 7 levels of gray
6. Printing distance: the distance between the nozzle and the product is 4mm
7. Nozzle life: 100Billion actuation' s per nozzle Nozzle material: SST,Nickel alloy&Epoxy adhesive
8. Printing software: independently developed MTprinter variable data editing software, which can be customized according to the special requirements of customers; the software provides interfaces to support secondary development
9. Printing content: more than 80 types of barcodes such as one-dimensional barcode, two-dimensional barcode, drug supervision code, text, database, picture database, serial number, variable picture, anti-counterfeiting code, etc.; barcode level: A grade, B grade ;Hanxin code, GS1-DataBar/RSS and composite barcode, garbled code
10. Interface protocol: open third-party interface, with customer software and data printing; interface type: USB3.0 and optical fiber data transmission
11. Printing method: offline: roll-to-roll or single-sheet platform; online: installed on various printing machines and related supporting equipment
12. Supporting platform: can be matched according to the product, single feeding platform, paging machine platform, rewinding machine platform and customer equipment, etc.

print head	Origin brand	Japan Ricoh (fully imported piezoelectric nozzle)
	Spray print width	54mm
	Injection accuracy	Longitudinal accuracy 600dpi Horizontal accuracy 200dpi- 1200dpi for multiple adjustable
	Spitting spacing	< 2mm
	The printing speed	0- 150m /min
Industrial control computer	Spithead life	30B ilion actuations per nozzle
	Number of nozzles	1280 (single nozzle)
	Case / display screen	12 Inch capacitance screen
	C PU	I ntel Core i5 7200U
	internal storage	The Kingston 8G supports a maximum memory of 32GB of dual-channel D DR3 1066 / 1333
UPS	caliche	256G
	operating system	Original W in10 64 bit
	Uninterrupted Power Supply	Power off delay, UPS voltage stabilization function, power supply for about 25min
	air supply	Portable handle controls without manual adjustment of the cartridge switch
	A C Input	220V/50HZ
Electrical parameters	Power of the whole machine	1000W
	prepared Chinese ink	Ink type
		U V Ink 1000ml / bottle
	Ink brand	European and American imports
	Ink parameters	Level 7-8 filter accuracy 1-2NM particle accuracy <0.2UM
Dust-free cloth	environmental protection	Comply with the EU R oHS2.0 halogen
	Material / Level	Ultra-fine anti-static dust-free cloth microfiber thousand level
	Double way positive / negative pressure	Independent research and development, LCD screen display, convenient operation, continuous stability
	accuracy	0 . 1K pa
	Ink road	Full original ink road, unique design, stable operation, fine , strong reliability
Ink road system	power supply system	Taiwan, China / Ming Wei
	source	
	Sensor / Encoder	KTW /DFS60
	Yatai / internal secret control	
	The weight of the machine	40KG
weight	service environment	Temperature 0-45 C Humidity 15% -75%
service environment		

Standard paging machine: CFL300C



Item	Detail	
Model	CFL300C	
Convey speed	0—50M/min	
Size	1420mm*520mm*870mm	
Belt size	270mm	
Paging Way	Friction type	
Minimum Width of Paging Goods	50mm	
Maximum Width of Paging Goods	300mm	
Thickness of Paging goods	0.5-10mm	
Voltage	220V	
Power	180W	
Type	Standard	
Out package	Wooden Case	
Package Size	1460*530*400	
GW	36kgs	
MOQ	1 Set	
Delivery Time	(1) 1 day for our existing products.(2) 3-5 days-If you want to customize your logo.	
Shipment Ways	by express(DHL,EMS,TNT,FEDEX), by sea, by air etc.	
Payment Term	T/T, Western Union, Paypal , Escrow etc	
Functions/Usage	Paging machine for ink jet print	

Standard conveyor belt: SSD001



Item	Details
1) Model	SSD001
2) Color	As the picture
3) Size	1500*750*200mm, Loading: 5kgs
4) LOGO	Can be customized
5) Sample time	(1) 3-5days-If you want to customize your logo.(2) 1day-For our existing samples for reference
6) MOQ	1 set conveyor
7) OEM& ODM	ODM & OEM all can be acceptable
8) Designs	Many designs & sizes can be chosen wholesale rubber loom bands
9) Packing Details	(1) QTY/CTN: 1 set /ctn CTN size:1520*425*200mm G.W: 23kg(2) According to the requirements of customers
10) Delivery Time	(1) 1 day for our existing products. (2) 3-5 days-If you want to customize your logo.
11) Shipment Ways	by express(DHL,EMS,TNT,FEDEX), by sea, by air etc.
12) Payment Term	T/T, Western Union, Paypal , Escrow etc
13) Functions/Usage	Belt Conveyor for Ink Jet Printer

Customized peripheral equipment

Please provide us with the parameters, the following are the reference pictures of customized products.

