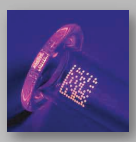
THE PLATINUM PACKAGING GROUP

PLATSEAL PLATMachinery PLATSERV






Avoid manufacturing downtime with the **1808 JIC** smart Continuous Inkjet printer, made for Industry 4.0 productivity pioneers.

Continuous Inkjet

1808 JIC

The **1808 JIC** printer builds upon comprehensive insights gained from the fleet of cloud-connected **1808 JIC** printers, the largest in the industry, to enable your journey towards Industry 4.0.

With a built-in vital sign monitoring system, smart alerts, on-demand remote technical support, Wi-Fi connectivity, and an advanced automated troubleshooting program, the 108 JIC anticipates potential printer issues in time for you to avoid them and enables you to recover faster should downtime still occur.





Harness digital capabilities

- Reduce downtime with the Videojet MAXIMiZETM advanced diagnostics suite
- React sooner to faults and minimize the need for on-site service calls with VideojetConnect Remote ServiceTM
- Recover from faults more quickly with RapidRecoverTM automated troubleshooting engine

Right code at the right quality

- Detect when printhead cleaning is required with the 1808 ink build-up sensor
- Simplify cleaning procedures to just a push of a button with the 1808 Auto-rinse
- Remove potential for human error with the suite of line integration and code management capabilities

Minimize operator interruptions

- Go longer between printhead cleanings with intelligent start-stop sequence
- Increase make-up cartridge changeover interval by up to 2x with best-in-class make-up consumption and 1L cartridge size option
- Easily accommodate operator-performed annual maintenance that takes just 5 minutes per year

Natural fit in your line

- Integrate into your line more easily with a dynamic rotating printhead
- Optimize for washdown with a 316 grade stainless steel, IP66rated cabinet
- Select from a wide variety of inks engineered to meet your application
- Withstand the toughest traversing application with a durable over-molded umbilical

PLATMachinery

www.platinumpkggroup.com

Continuous Inkjet

1808 JIC

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, 9x12, 10x16, 16x24, 25x34
Twin-line: 4x5, 5x5, 4x7, 5x7, 7x9, 9x12, 10x16
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; GS

DataMatrix codes
10x10, 12x12, 14x14, 16x16, 8x18, 18x18, 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 CLARiSOFTTM 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 FlowTM 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)

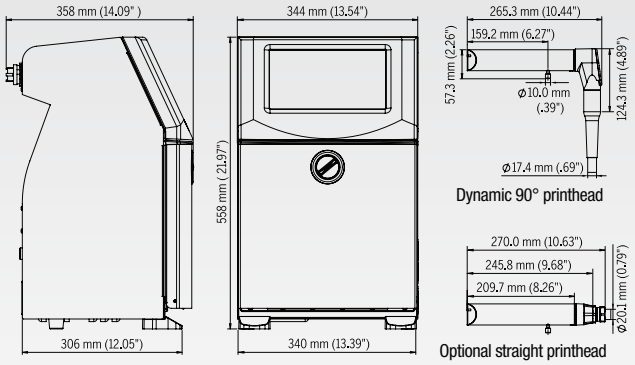
Temperature/humidity range
32°F to 122°F (0°C to 50°C)
10% to 90% RH non-condensing

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, 70Ws

Approximate weight
Unpacked and dry: 48.5lbs. (22kg)

Options
60 or 70 micron nozzle
Dry air kit for high humidity (requires plant air)
SIMPLICiTYTM Workflow Modules: Ethernet/IPTM or PROFINET, Scan2RunTM Wide range of accessories
Straight printhead



CERTIFIED ISO 9001 DOCUMENTED QUALITY

*CLARiSOFT™ Package Coding Design software required for certain bar codes and other advanced functionality

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TEL: (562) 630-6700

FOR MORE INFORMATION:
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