

HIGH SPEED MULTI-PURPOSE PRINTER

NEW

PP 405

PP 405

The Professional, Multi-Purpose, Impact Printer



PP 405 with Printer Stand and 3 ASF-Cassettes

The **PP 405** is a multifunctional, 24 pin Print head, high performance Impact Printer, offering flexible Media management and a variety of Modular Interfaces (Personality Modules), allowing easy integration into various System and Network environments.

The **PP 405** can be equipped with up to 3 - ASF (Auto Sheet Feeder) Cassettes, one single Sheet Feeder and one Tractor, for fan-fold media. With very low noise emission, the **PP405** Printer is an excellent fit for Office and Industrial environments. The robust printing device and durable cabinet design, guarantees strong reliability in professional printing applications, with typical print volumes of up to 20,000 pages per month.

In combination with these technology features and the cost-effective / long-life ribbons, the **PP 405** keeps the total cost-of-ownership (TCO) at a minimum and may be just the right solution for your Impact Printer needs!

- Heavy Duty, 24-wire Dot Matrix Printer
- Flatbed design for straight and reliable media transport
- Robust design
- Performance:
600 cps (10 cpi)
507 pages per hour
20,000 pages per month
- Quiet operation:
Noise level ≤ 52 dB(A)
- 5 paper inputs,
3 paper outputs
- Up to 6 excellent copies (1+5)
- Heavy-duty Tear Bar for correct print job separation
- Automatic Gap Control (AGC)
- Flexible media management for fan-fold media, single sheets, heavy form-sets, Labels and Envelopes
- Fulfills versatile application requirements as well as in Business and Industry
- Modular interface concept (Personality Modules) for major host systems and network environments

IMPORTED by:

MICROPLEX®

PRODUCED by:

PSi

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TECHNICAL DATA

Printer Specification

Technology:	Serial impact, Dot matrix
Print Head:	24 wires, 0.25 mm (0.01 inch) needle diameter; Life time 400 million characters
Print Mode:	Data (DQ), Near Letter (NLQ) and Letter Quality (LQ)
Print Format:	136 characters at 10 cpi
Ribbon:	Cartridge, nylon Ribbon, Black, more than 16 million characters
Dimensions:	25.4" x 15.6" x 10.9" (W x D x H) (635 x 390 x 273 mm)
Weight:	50 pounds (22.7 kg)
Diagnostics:	Self test, Hex dump, Remote Diagnostics via interface
Operator Panel:	16 digit LCD display, trilingual (German, English, French)
Rated Voltage:	200-240 V (100-125 V opt.), 50-60 Hz
Power Input:	120 W, 15 W Standby
Environmental Conditions:	Operating: +10°C to +35 °C (+50°F to +95°F) 20% to 80% relative humidity Storage: -40°C to +70 °C (-40°F to +158°F) 5% to 85% relative humidity
Noise Level:	52 dB(A) acceptable to ISO 7779
Agency Approvals:	VDE/GS, UL, C-UL, CE, FCC-B, CCC

Performance

Print Speed:	DQ: 600 cps at 10 cpi NLQ: 300 cps at 10 cpi LQ: 150 cps at 10 cpi												
Throughput: (ECMA 132)	<table><thead><tr><th>Mode</th><th>Fan-fold</th><th>Cut Sheets</th></tr></thead><tbody><tr><td>DQ:</td><td>507</td><td>490 pages/hour</td></tr><tr><td>NLQ:</td><td>398</td><td>386 pages/hour</td></tr><tr><td>LQ:</td><td>251</td><td>248 pages/hour</td></tr></tbody></table>	Mode	Fan-fold	Cut Sheets	DQ:	507	490 pages/hour	NLQ:	398	386 pages/hour	LQ:	251	248 pages/hour
Mode	Fan-fold	Cut Sheets											
DQ:	507	490 pages/hour											
NLQ:	398	386 pages/hour											
LQ:	251	248 pages/hour											
Duty Cycle:	20,000 pages per month												
MTBF:	10,000 hours at 25% duty cycle												

Paper Handling

Paper Path:	Flat bed Technology, straight-through media handling, up to 5 input and 3 output possibilities, selectable via software or Operator Panel
Automatic Gap Control (AGC):	AGC automatically optimizes the Print head gap, based on media thickness.
Copies:	1 + 5 copies, max. media thickness 0.5 mm (0.02 inch)
FANFOLD PAPER	
Paper Input:	Integrated Push Tractor with "park" position
Paper Output:	Exits at the rear side, zero-tear-off
Paper Width:	4" to 16" inch (100 to 400 mm)
Paper Weight:	60 to 90 g/m ² , Form sets up to 350 g/m ²
Form Feed:	11 inch/second
Paper Run Control:	Unattended Printing Mode
CUT SHEETS	
Paper Input:	Manual front insertion; automatic sheet feeders (opt.)
Paper Output:	User selectable Paper Exit at the front, or face down stacker at the top of the printer, capacity of 360 sheets
Paper Width:	4.2" to 12.2" inch (105 to 305 mm)
Paper Weight:	Refer to Options, Cassettes

Connectivity

(PM) PERSONALITY MODULE: SER/PAR/USB

Interfaces:	Parallel IEEE 1284, Serial RS-232C/OF, USB 2.0
Emulations:	IBM Proprinter XL24 (AGM), Epson LQ 2550/1060, ESC/P2, Philips GP 310/490
Buffer:	Selectable up to 176 KByte
Character Sets:	ISO 8859/1, ISO 8859/9, 8859/15; IBM Set 1/Set 2 in 14 national versions; IBM Code Pages 437, 850, 857, 858, 860, 863, 865; Epson Ext. Char. Set in 15 National Versionen; Eastern European character sets 771, 773, 774, 775, 852, 1125, 1251; Baltic RiM, Greek, CZ, HUN, Russia, Win Lat 2
Fonts:	Draft quality: High Speed Draft, Data and Data Large; Near Letter and Letter quality: Courier, OCR-A, OCR-B, Orator, Prestige, Roman, Script, Sans script
Character Attributes:	Bold, italic, shadow, outline, double strike, underline, double underline, over line, strike through, sub/ superscript, double to octuple, for Data Large 99-fold size
Pitches (cpi):	10, 12, 15, 17.1, 18 and 20 cpi, proportional
Line Spacing (lpi):	2, 3, 4, 6, 8, ... 360 lpi
Barcode:	EAN 8, EAN 13, UPC-A, UPC-E, Postnet, KIX Code, Code 39, Code 93, Code 128 (incl. EAN 128), Codabar, 2 of 5 industrial, 2 of 5 interleaved, and MSI Mod 10/10
Graphics:	360 x 360 dpi max.
Macros:	Parameter settings, up to 4 individual Printer Config- urations, selectable via software or Operator Panel.

Additional, Optional PERSONALITY MODULES

RS-422:	SER RS-422/PAR/USB
Ethernet:	Ethernet 10BaseT / 100BaseTX RJE45
IPDS:	Ethernet
IGP:	SER/PAR with Printronix IGP 10/20/40 emulation
HP:	SER/PAR or Ethernet with HP2934/2235 emulation
GENICOM:	SER/PAR or Ethernet with Genicom 3840 emulation
String Change:	SER/PAR or Ethernet

(NOTE: Printer drivers for Windows and SAP R/3 device types are available for download at <http://www.psiprinters.com>)

Options

ASF Cassettes:	Up to 3 Automatic Sheet Feeders (ASF); Media size: DIN A4 portrait and landscape, A5, A6, B5, Letter, Legal
Cassette A1:	Cut sheets 70 to 100g/m ² , form sets up to 260g/m ² ; capacity: 180 sheets (80g/m ²)
Cassette B1:	Media 100 to 150 g/m ² , form sets up to 300 g/m ² ; Envelopes from 70 to 90g/m ² ; capacity: 40 Envelopes
Cassette C1:	Cardboard and massive Envelope up to 300g/m ²
Extended Manual Feeder:	To be used with single sheet and form sets input, for frequent Users, particularly when ASF Cassettes are mounted.
Printer Stand:	Media handling of dual fanfold paper input, Dimensions: 17.7" x 26.4" x 33.6" (WxDxH) (450 x 660 x 840 mm) Weight: approx. 35 pounds (16 kg)

Specifications are subject to change without notice. All registered trademarks are the property of their respective companies.

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