

PSi PP 405 HIGH SPEED MULTI-PURPOSE PRINTER

TECHNICAL DATA

Printer Specification

Technology: serial impact dot matrix
Printhead: 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 characters per inch (cpi)
Ribbon: nylon ribbon cassette, black, more than 16 million characters
Dimensions: 635 x 390 x 273 mm (WxDxH) (25.4 x 15.6 x 10.9 inch)
Weight: ~22.7 kg (52 lb)
Diagnostics: selftest, hexdump, remote diagnostics via interface
Operator Panel: 16 digit LCD display, trilingual (German, English, French)
Rated voltage: 100-120/200-240 V, 50-60 Hz
Power input: 200 W, 40 W Standby
Environmental temperature: operating: +10 to +35 °C (+50 to +95°F) 20 to 80% rel. humidity
storage: -40 to +70 °C (-40 to +158°F) 5 to 85% rel. humidity
Noise level: # 52 dB(A) acc. to ISO 7779
Agency approvals: VDE/GS, UL, CSA, CE, FCC-B

Performance

Print speed: DQ: 600 cps
(10 cpi) NLQ: 300 cps
LQ: 150 cps

Throughput: fanfold cut sheets
(ECMA 132, DQ: 507 490 pages/hour
letter, 1 ply) NLQ: 398 386 pages/hour
LQ: 251 248 pages/hour

Workload: 20,000 pages per month
MTBF: 10,000 hours at 25% duty cycle

Paper Handling

Paper paths: flatbed technology, up to 5 input and 3 output possibilities, selectable via software or operator panel
Automatic Gap Control (AGC): optimizes automatically the distance between printhead and paper according to paper thickness
Copies: 1 + 5 copies, max. paper thickness 0.5 mm (0.02 inch)

FANFOLD PAPER

Paper input: integrated push tractor with park position
Paper output: rear side, zero tear off
Paper width: 4 to 16 inch
Paper weight: 60 to 90 g/m², formsets up to 350 g/m²
Paper run control: for unattended printing mode
Form feed speed: 11 inch/second

CUT SHEETS

Paper input: manual front insertion; automatic sheet feeders (optional)
Paper output: user selectable paper exit at the front or face down stacker at the top of the printer with a capacity of 360 sheets
Paper width: 105 to 305 mm (4.2 to 12.2 inch)
Paper weight: refer to options, Cassettes

Connectivity

STANDARD PERSONALITY MODULE (PM)
Interfaces: parallel Centronics and serial RS-232C/V.24 incl. shared mode
Emulations: IBM Proprinter XL24 (AGM), Epson LQ 2550/1060/, ESC/P2, Philips GP 310/490
Buffer: selectable up to 48 kbyte
Character sets: ISO 7-bit, in 11 national versions incl. ASCII; ISO 8859/1; IBM Set 1/Set 2 in 14 national versions; IBM Code Pages 437, 850, 860, 863, 865; Epson Ext. Char. Set in 15 national versions
Fonts: draft quality: Data, Data Block, and Data Large (block characters); near letter and letter quality: Courier, Letter Gothic (Italic), Micro, OCR-A, OCR-B, Orator, Orator-C, Prestige, Roman, Script
Attributes: bold, italic, shadow, outline, double strike, underline, double underline, overline, strike through, sub/superscript, double to octuple, for Data Large 99-fold size
Pitches: 10, 12, 15, 17.1, 18 and 20 cpi, proportional
Line spacing: 2, 3, 4, 6, 8, ... 360 lpi
Bar code: EAN 8, EAN 13, UPC-A, UPC-E, Code 39, Code 93, Code 128 (incl. EAN 128), Codabar, 2 of 5 industrial, 2 of 5 interleaved, MSI Mod 10/10, Postnet, and KIX Code, all horizontal and vertical
Graphics: uni/bidirectional printing (selectable), 360 x 360 dpi max.
Macros: parameter settings for up to four individual printer configurations, selectable via software or operator panel

OPTIONAL PERSONALITY MODULES

Ethernet: Ethernet (10 Base T, 10 Base 2) and serial interfaces
Twinax IPDS: IBM Twinax and parallel interfaces
Twinax SCS: IBM Twinax, parallel and serial interfaces
Coax SCS: IBM Coax, parallel and serial interfaces
IGP: Standard PM with Printronix IGP 10/20/40 emulation
DEC-ANSI: Standard or Ethernet PM with DEC-ANSI emulation
Eastern European Version: PM Standard, Ethernet, IGP, Coax SCS, or Twinax SCS

Options

ASF Cassettes up to three automatic sheet feeders (ASF); paper size: DIN A4 portrait and landscape, A5, A6, B5, Letter, Legal
Cassette A: cut sheets 70 to 100 g/m², formsets up to 260 g/m²; capacity: 180 sheets (80 g/m²)
Cassette B: paper 100 to 150 g/m², formsets up to 300 g/m²; envelopes from 70 g/m² to 90 g/m²; capacity: 40 envelopes (70 g/m²)
Extended manual feeder: facilitates input of single sheets and formsets for frequent users, particularly when ASF Cassettes are mounted
Colour option: attachment to the printhead for colour printing
4-colour ribbon: cyan, magenta, yellow, black; max. 7 mixed colours
Printer stand: allows front handling of fanfold paper input and output; dimensions (WxDxH): 635 x 670 x 730 mm (25.4 x 26.8 x 29.2 inch); weight: 20 kg (44 lb)

Printer drivers for Windows 3.x/95/98/NT are available

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

PSi Printer Systems international GmbH

Eiserfelder Straße 316
57080 Siegen, Germany

Phone: +49 271 3597-101 e-mail: sales@psi-si.de
Fax: +49 271 3597-190 Internet: http://www.psi-si.de