



# The standard in fanfold printing



The PP 4050/PP 4060  
family of fanfold laser printers

**PSI** *Printer  
Systems  
international*

# The perfect solution for every application

## Application areas for PSi fanfold laser printers

Whether it is to replace line printers, for decentralised printing, MICR printing or any other fanfold printing applications, with the models of the PP 4050/ PP 4060 family, PSi has the ideal fanfold laser printer for your application.

When replacing line printers, people often want to replace them with printers, which offer better print quality or a higher throughput rate. The PSi PP 4050, PP 4050MICR, PP 4050XP and PP 4060 fanfold laser printers meet both of these requirements.

With their excellent print quality, they provide optimum readability of texts, error-free barcode recognition and give your documents a perfect visual appearance at a throughput rate of up to 59 pages per minute.

Fanfold laser printers are also well suited for a transition from centralised to decentralised printing. Thanks to their ease of operation, they can be used in branch offices without the need for especially educated operating personnel.

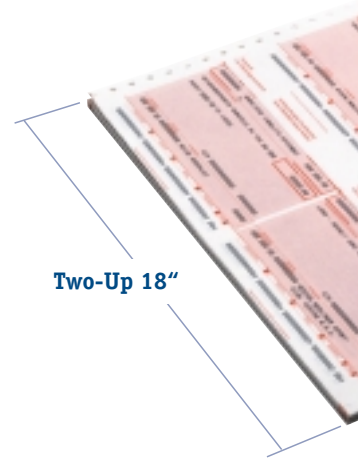
The PSi fanfold laser printers combine the flexible paper handling, well-known from the dot matrix printers, with laser print quality and such create completely new solution approaches for printing applications.

### PP 4060



The PP 4060 is more than just the fastest PSi fanfold laser printer. It can handle up to 18 inches wide forms and such supports printing in two-up mode which leads to a print throughput of up to 59 A4 pages per minute.

Two-Up 18"

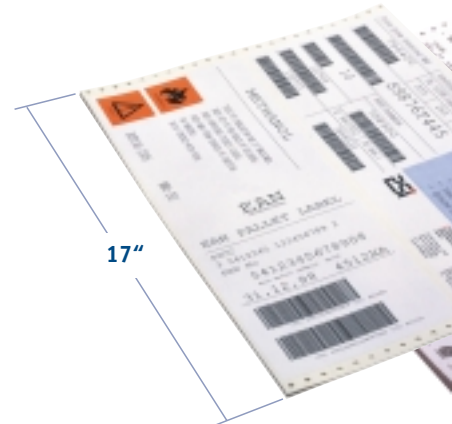


### PP 4050XP



The PP 4050XP is the ideal fanfold laser printer for complex documents on print media up to 17 inches wide. Its powerful APPC Pentium controller can even deal with documents with huge graphics or numerous barcodes.

17"



### PP 4050MICR



Printing using MICR toner is the main area of application for the PP 4050 MICR. Whether it is for the personalisation of cheques or printing coupons – the PP 4050MICR prints reliably and at low cost.

17"



### PP 4050

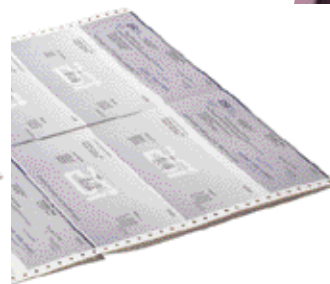
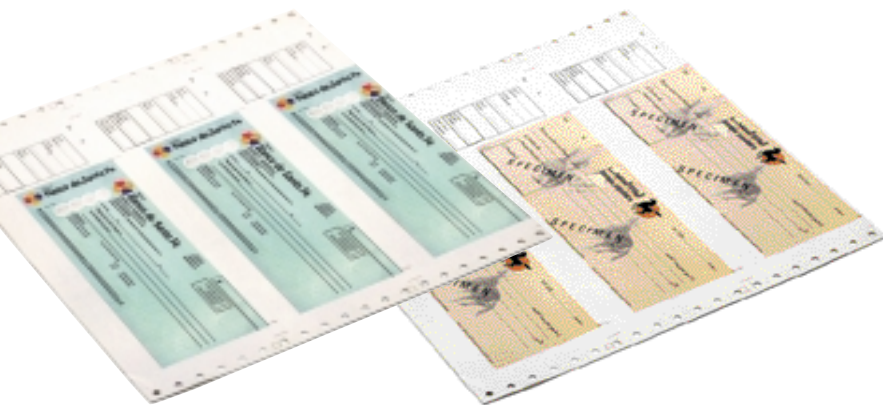
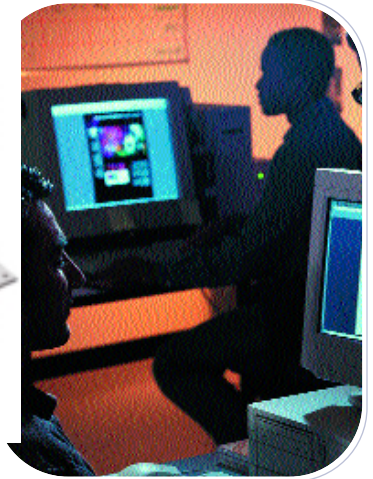


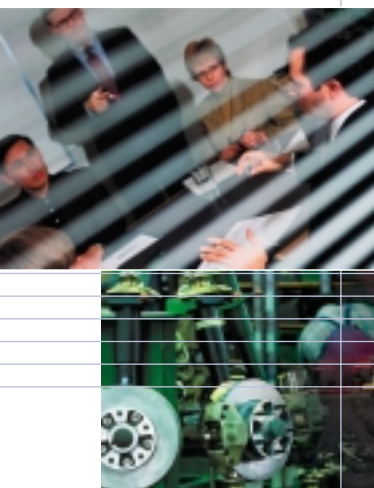
The PP 4050 is the universal fanfold laser printer. With its print speed of up to 34 per minute, it can be used for various applications, including distributed printing or as a replacement for line printers. Ease of operation and high reliability characterize this printer model.

17"









## PP 4050



The PP 4050 is a universal fanfold laser printer, designed to meet the demands of professional high-volume printing. With a paper width of up to 17 inches, it can easily take over line printer applications. Its print output of up to 34 ppm and a duty cycle of 200,000 pages per month, make it equally well suited to distributed printing applications.

Two individually selectable paper feeds and an integrated paper cutter facilitate the printing of various forms.

The optional iPS 4050 paper stacker stacks printed sheets fully automatically. With its low cost per page and a robust design, the PP 4050 is geared towards professional applications.

In applications in banks, insurance companies, industry, logistics companies, service providers and print shops, the PP 4050 has proved itself in more than a thousand installations. Its paper handling and the broad selection of connectivity solutions make it more flexible than other fanfold laser printers.

Endlessly flexible and reliable



# Inexpensive cheque personalisation



## PP 4050MICR

Based on the proven technology of the PP 4050, with the model PP 4050MICR, PSi has created a fanfold laser printer especially for MICR applications. Completely newly developed consumables guarantee low cost per page and reliable recognition of the MICR characters.

The printing width of 16 inches allows many cheque formats to be printed effectively in two columns. The throughput of the PP 4050MICR is up to 13,000 cheques/hour.

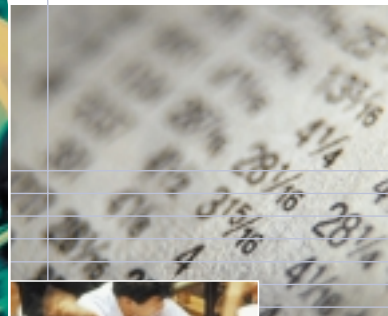
The integrated CMC-7 and E13-B fonts can be selected on the control panel or via the software control sequence.

Whether it is for the personalisation of cheques or the printing of bingo tickets or coupons – in the PP 4050MICR you will be choosing a powerful and reliable MICR printer. International certificates confirm this. An up to date overview of all the certificates can be found on the PSi website



productivity printer  
high performance  
LAN printer  
document workflow  
systems  
complex label printing  
bar codes  
overlays  
logos  
complex print files

pp 4050XP



## PP 4050XP

The PP 4050XP is equipped with the same print engine as the PP 4050, but has a significantly more powerful controller.

The APPC Pentium controller of the PP 4050XP processes even the most complex documents so quickly that the print engine is always supplied with image data on time and does not come to a stop. Use of

the PP 4050XP is recommended, where documents with a particularly high number of objects, such as bar-codes and graphics, are to be printed on one page.

Furthermore, besides its parallel interface, the PP 4050XP is also equipped with a 10BaseT/100BaseTX Ethernet network interface.

Especially fast in the network

# 18 inch two-up printing

pp 4060

two-up printing  
high performance  
LAN printer  
banking  
productivity  
insurances  
print shops

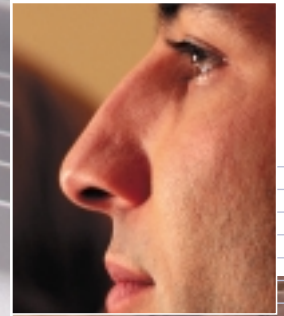
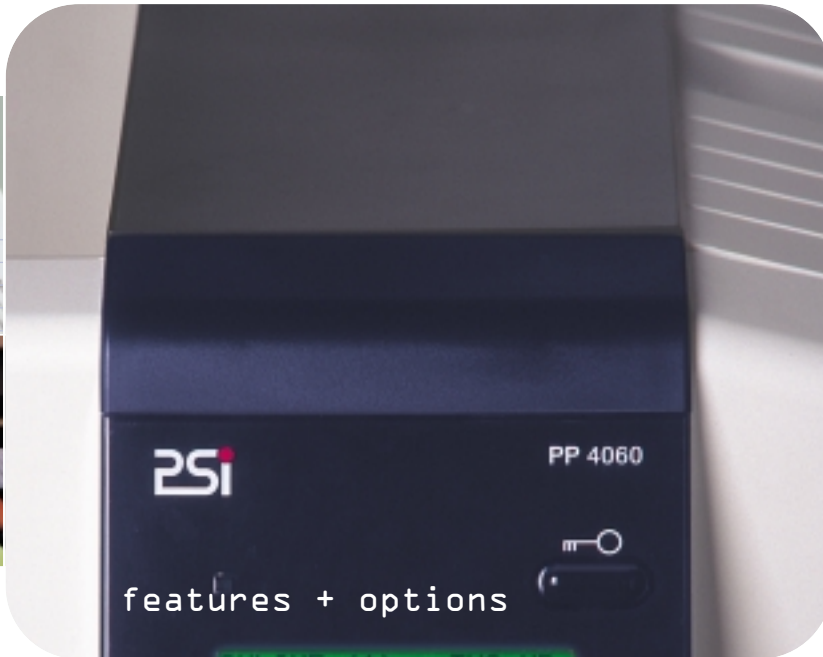
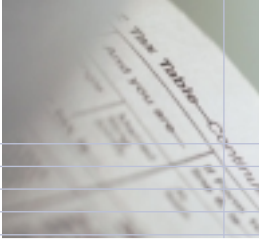


**PP 4060**

PSi's most powerful PP 4060 fanfold laser printer can handle forms up to 18 inches wide and, thanks to a printing width of 17 inches, allows simultaneous printing of two A4 pages in two-up mode. In this mode, the PP 4060 achieves a throughput of 59 ppm. If the print data is not already sent to the printer in two-up format, the printer's firmware can place two A4 pages alongside one another itself, to utilise the full format.

Like the PP 4050XP, the PP 4060 has a powerful APPC Pentium controller and a 10BaseT/100BaseTX Ethernet interface. The PP 4060 is designed for a monthly print volume of 300,000 pages. Its extremely low initial and operational cost make the PP 4060 a very attractive investment. It is not only being one of the most inexpensive two-up fanfold laser printers, it is actually less expensive than some machines without this feature.





## Removable tractor cassettes

Two tractor cassettes provide for easy insertion of forms and alternative printing on different print media. The desired tractor cassette is selected by a software command or on the clearly understandable control panel.

It is also possible to combine the two tractor cassettes into a pool, so that when the paper runs out, the printer can switch from one stack to the other without any operator intervention.

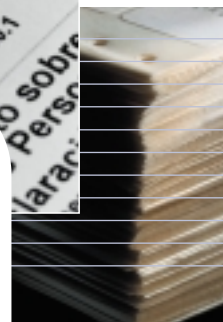
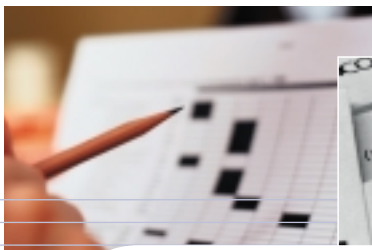
## Perfect paper

## Straight paper path

The absolutely straight paper path in the printer allows even stickers or thicker paper to be printed – without losing forms at the beginning and the end.



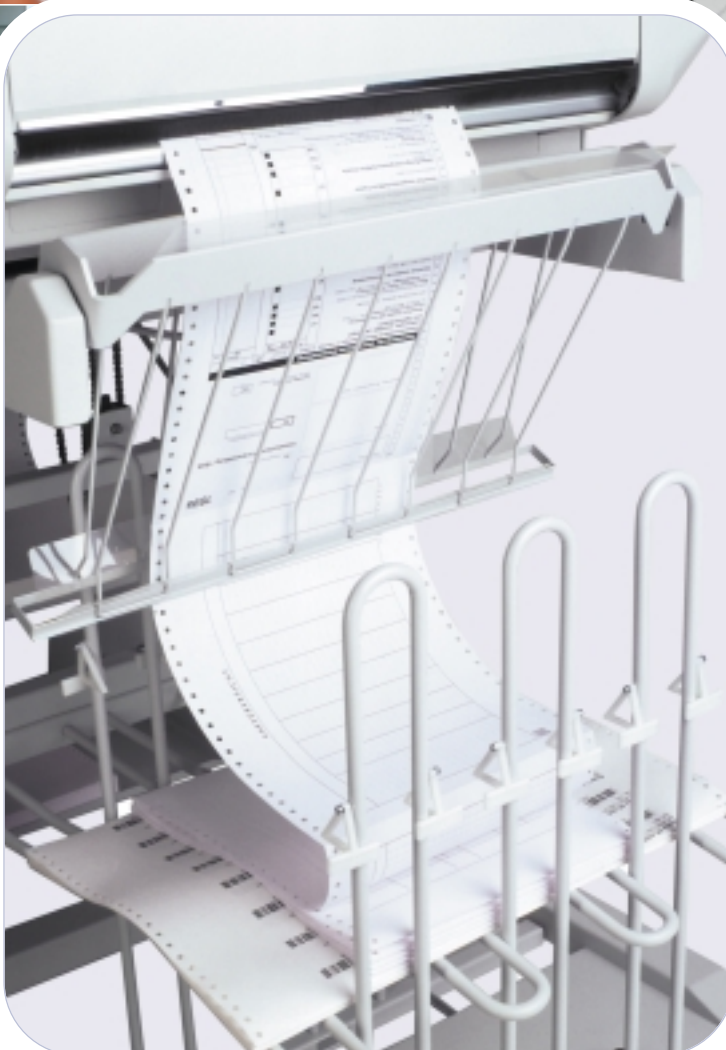




## Automatic paper stacker

The optional iPS 4050 paper stacker reliably stacks up to 2,500 sheets of paper automatically.

The unique design with a rising and falling stacking tray and the pendulum that moves according to the paper fold allows unattended operation.



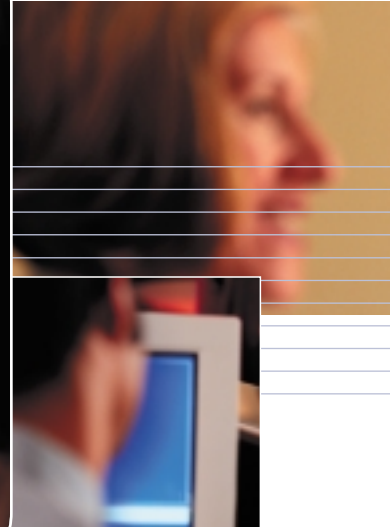
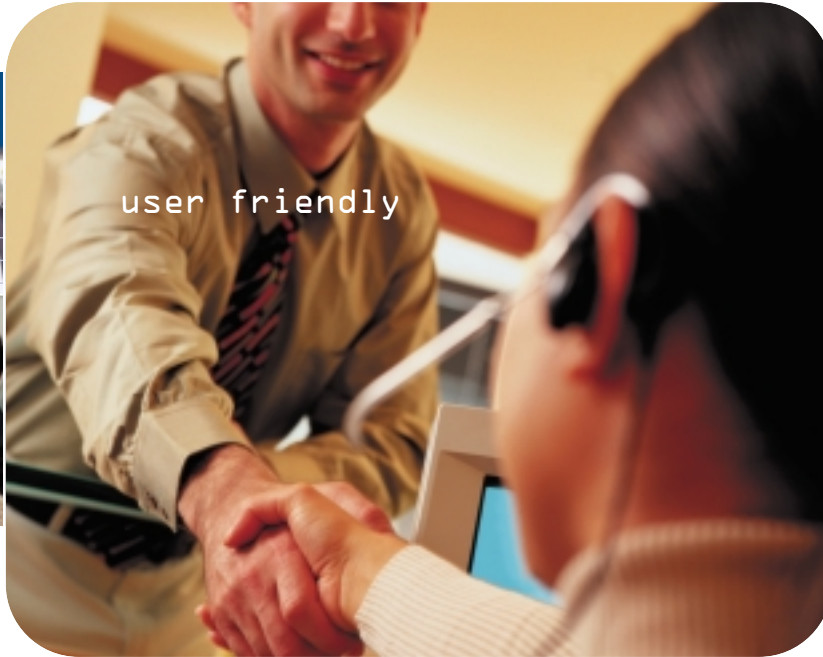
# handling



## Integrated paper cutter

The printers contain an integrated cutter, which can be used for job separation. A long-lasting blade cuts in horizontal direction during the printing process, without stopping the paper feed.

The PP 4050, PP 4050MICR and PP 4050XP models also have an paper output on the top. Up to 100 single, cut sheets can be stacked here.



## Easy to operate and friendly to service



### Easy set-up

All settings on the printer can be carried out quickly and easily using keys and an encoder dial.

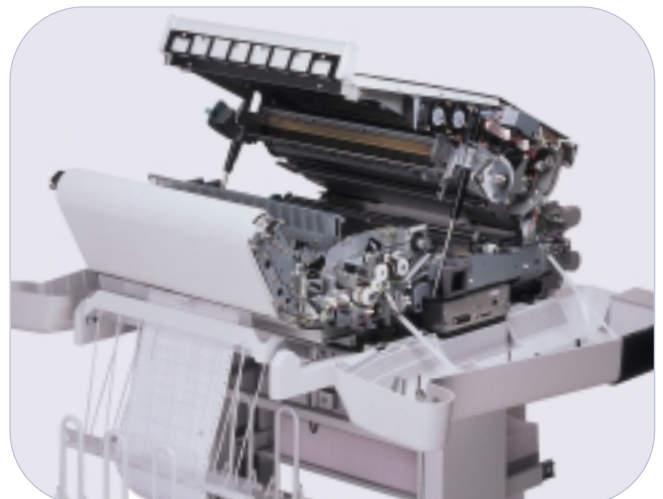
The four-line LC display can be set to the appropriate language and shows the settings and the current operating status.

### Servicing made easy

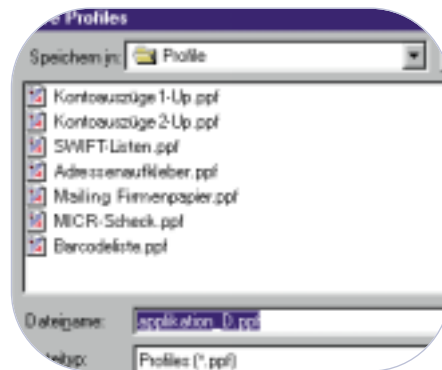
Even in the design of the printers, particular attention has been paid to the issue of servicing.

Thus, it is possible to access the entire paper path and the mechanical components within seconds. Alongside its robust construction, this is a reason for the pleasing low service costs of the PSi fanfold laser printers.

The service engineer can easily download improvements or functional extensions into the Flash memory via the interface.







## Pre-programmed versatility

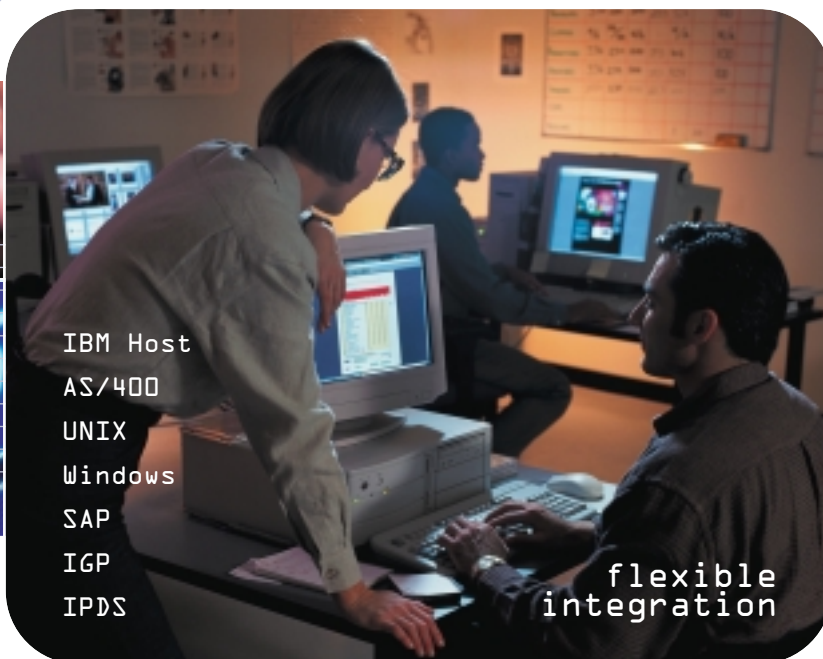
The scope of supply of the printers includes the Profiler software. By means of this tool, profiles for the PSI fanfold laser printers can be created and managed easily on a PC. These profiles allow the printer to be adapted to different applications in a matter of seconds. The profiles contain, among other things, details of the emulation, the paper input and output, the paper format and automatic paper cutting. Profiles, which have been created with the Profiler software or directly on the printer, can be activated using software commands or via the control panel.



## Replace consumables yourself

This is unusual for printers of this performance class: The consumables can be replaced extremely quickly and easily. The toner, developer, photo conductor and even the fuser unit, they all can be removed by the user and new ones installed.

The consumables last long time and thus ensure that the printer has a low cost of maintenance.

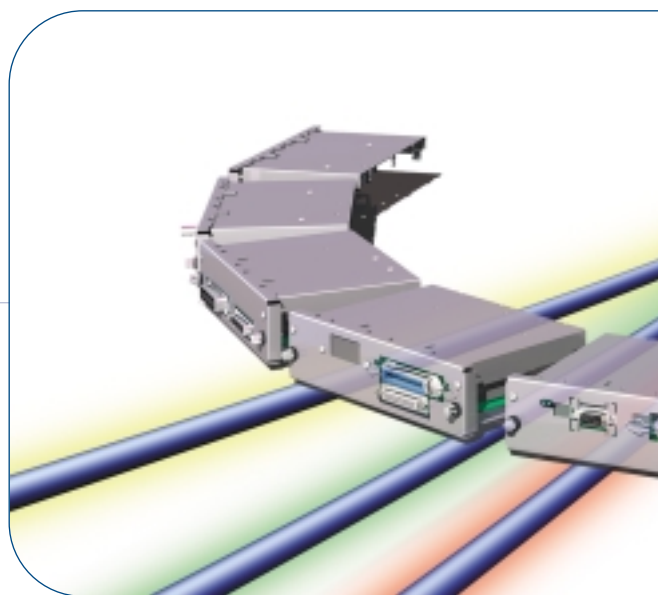


IBM Host  
AS/400  
UNIX  
Windows  
SAP  
IGP  
IPDS

flexible  
integration



# Ready for your IT environment



## Simple network and host integration

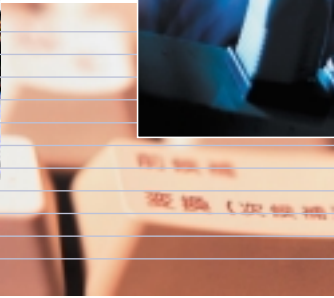
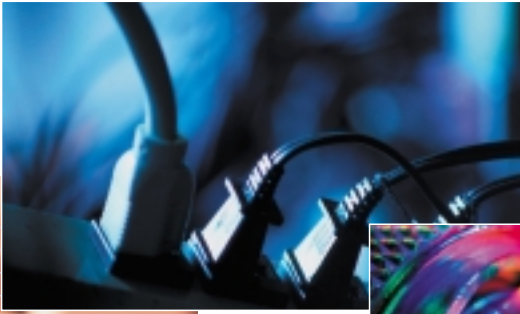
Regardless of which IT infrastructure you have in your company, or where the printer is to be located, the PSi interface program allows your host, server or PC to be connected to the PSi fanfold laser printer.

In their standard versions, the PP 4050 and the PP 4050MICR are equipped with a parallel IEEE 1284 interface. They can both optionally be expanded to include an internal 10BaseT/10BaseTX Ethernet interface. The PP 4050XP and PP 4060 already have both interfaces as standard.

External data stream converters are also available. In this way, other printer languages can be interpreted besides the standard emulation of the printers, PCL5e. IPDS data streams can be received via TWINAX or Ethernet cables and SCS data streams via coaxial cables. An IGP interface is available for line printer emulation.

Further interfaces, for example a direct ESCON channel connection, are supplied by PSi solution partners.





## SAP R/3 compatibility

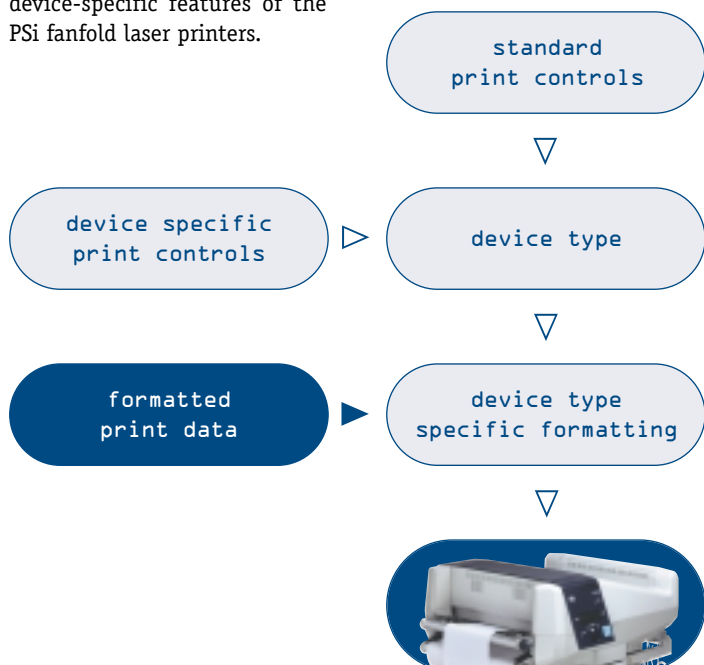
For printing with the best possible performance and quality under SAP R/3, PSi has developed special device types and expanded the printer firmware. The device types allow you to use device-specific features of the PSi fanfold laser printers.

Thus, the PP 4050, PP 4050XP and PP 4060 are the ideal printers for the output of lists and shipping documents under SAP R/3.



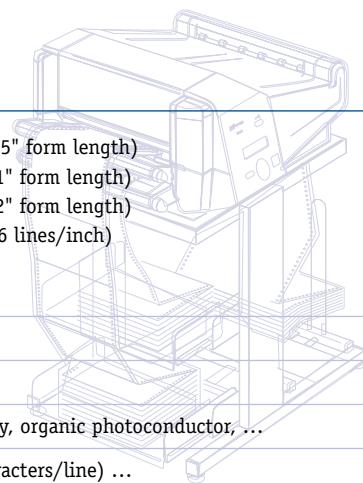
## Driver support

PSi provides special printer drivers for the use of PSi fanfold laser printers in conjunction with Microsoft Windows operating systems or SAP R/3.

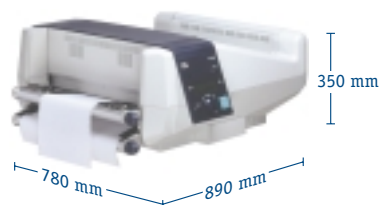


## Technical data and options

## PP 4050



### Printer Specification



#### Print Speed

up to 33 pages per minute (8,5" form length)  
up to 26 pages per minute (11" form length)  
up to 24 pages per minute (12" form length)  
(up to 1,700 lines/minute at 6 lines/inch)

#### Resolution

300 x 300 dpi

#### Workload

200,000 pages per month

#### Print Method

Electrophotographic, LED array, organic photoconductor, ...

#### Control Panel

Four line LCD display (20 characters/line) ...

#### Diagnostics

Selftest, Hexdump

#### Dimensions

890 x 350 x 780 mm (W x H x D)

#### Weight

112 kg (247 lbs.) consumables included; ...

#### Rated Voltage

100 - 110 V (-10/+6%) AC, 50 - 60 Hz; 110 - 120 V (-10/+6%) AC, ...

#### Power Consumption

Operating power < 1,200 W average (< 1,650 W max.); ...

#### Environmental Conditions

Operating +15 to + 35°C, 8 to 80% rel. humidity; ...

#### Sound Level

< 55 dB(A) operating

#### Lifetime

up to 12,000,000 pages

#### Agency Approvals

CE, VDE / GS, UL, C-UL, FCC, CCIB

#### Interfaces

Parallel IEEE 1284

#### Emulations/PDL

HP LaserJet 4 (PCL 5e, PJL), HP-GL/2, PCL / PJL Extensions

#### Fonts

45 scalable fonts, 10 bitmap fonts

#### Barcodes

Code 39, Code 93, Code 128, Codabar, 2/5 industrial, ...

#### Type

Continuous forms and labels with tractor pin holes

#### Paper Transport

Reversible paper motion, straight-through paper path

#### Paper Input

Two independent, detachable tractor cassettes for fanfold paper

#### Paper Output

Directable to the rear (zero tear off or cut without loss of form) ...

#### Paper Cutter

Integrated cutting device separates print jobs ...

#### Paper Width

min. 4 inch, max. 17 inch  
(print area 16 inch)

#### Paper Length

min. 3 inch, max. 20 inch ...

#### Weight

64 g/m<sup>2</sup> bis 155 g/m<sup>2</sup>

#### Processor

32 bit RISC CPU (AMD 29240)

#### Data Memory

16 MB standard, expandable to 32 MB

#### Program and Font Memory

4 MB FLASH EPROM,  
allows onsite software update

#### Stacker Control

Supports attached intelligent Paper Stacker iPS 4050

#### Toner Kit

up to 170,000 pages at 5% density  
for A4 formats

#### Photoconductor

up to 200,000 pages (A4 landscape)

#### Developer

up to 265,000 pages (A4 landscape)

#### Fuser Unit

up to 532,000 pages (A4 landscape)

#### iPS 4050

Assures accurate stacking of forms up to 2,500 pages ...

#### Memory Extensions

by 16 MB

#### Software

Printer drivers for Windows 3.x/95/98/NT, ...

### Connectivity

### Paper Handling

### Supported Print Media

### Control Unit

### Consumables

### Options



## PP 4050 MICR

up to 33 pages per minute (8,5" form length)  
up to 26 pages per minute (11" form length)  
up to 24 pages per minute (12" form length)  
(up to 1,700 lines/minute at 6 lines/inch)  
up to 13,000 checks per hour (3" x 8" checks on  
12" x 17" paper, 8 checks per page)

## PP 4050 XP

up to 33 pages per minute (8,5" form length)  
up to 26 pages per minute (11" form length)  
up to 24 pages per minute (12" form length)  
(up to 1,700 lines/minute at 6 lines/inch)

## PP 4060

up to 63 pages per minute (Letter Two-Up)  
up to 59 pages per minute (A4 Two-Up)  
up to 42 pages per minute (A4 landscape)  
up to 41 pages per minute (Letter landscape)  
up to 31 pages per minute (11" form length)  
(up to 2,100 lines/minute at 6 lines/inch)

300,000 pages per month

... 2 component toner/developer, heat and pressure roller system with adjustable fusing temperature

... Keys: On Line, Menu, Select, Return

... printer including iPS: 164 kg

... 50 - 60 Hz; 220 - 240 V (-10/+6%) AC, 50 - 60 Hz

... Operating Current < 12 A average (< 15 A peak) 110V; Stand by < 400 W; Sleep mode < 45 W

... storage -20 to +70°C, 95% rel. humidity (40°C); storage consumables -20 to +40°C, 95% rel. humidity (40°C)

up to 18,000,000 pages

Parallel IEEE 1284  
Ethernet 10BaseT/100BaseTX

45 scalable fonts, 10 bitmap fonts, E13-B and CMC-7      45 scalable fonts, 10 bitmap fonts

... 2/5 interleaved, EAN 8/13 Add on 2/5, Postnet, MSI, UPC-A Add on 2/5, UPC-E Add on 2/5, KIX-Code

... or to the top (stacker for cut sheets)

rear (zero tear off or cut without loss of form)

... or cuts fanfold paper into single sheets, enables change of forms without operator involvement

Integrated cutting device separates print jobs

min. 6 inch, max. 18 inch  
(print area 17 inch)

... (min. 8 inch, max. 16 inch if attached to stacker iPS 4050)

APPC Pentium 166 MHz  
64 MB standard, expandable to 128 MB  
8 MB FLASH EPROM,  
allows onsite software update

up to 1,6 Mio checks at A4 page with 2% density  
and 4 checks 3" x 8" per page

up to 170,000 pages at 5% density for A4 formats

up to 300,000 pages (A4 Two-Up)

up to 400,000 pages (A4 Two-Up)

up to 800,000 pages (A4 Two-Up)

... without operator involvement, dimension: iPS: 940 x 750 x 780 mm (W x H x D) printer / iPS: 1,120 x 1,100 x 780 mm (W x H x D)

by 64 MB

... printer configuration software (Windows 95/98/NT) Profiler and Profile Selector available, device types for SAP R/3

Creating printers for professionals



PSi Printer Systems international GmbH  
Eiserfelder Straße 316  
57080 Siegen, Germany

Phone +49 271/35 97-0  
Fax +49 271/35 97-190

Email: [sales@psi-si.de](mailto:sales@psi-si.de)  
Web: [www.psiprinters.com](http://www.psiprinters.com)