

Machine specifications (SMP Series)
●SMP-HP Series specifications (manual feed type)

Model	SMP-HP1	SMP-HP2	SMP-HP3	SMP-HP4
Head size	1inch	2inch	3inch	4inch
Max. printing area	32 (W) ×100 (L)	53.3 (W) ×200 (L)	74.6 (W) ×200 (L)	106 (W) ×200 (L)
Substrate size	60～340 (W) ×120～400 (L) *1		60～340 (W) ×140～400 (L) *1	50～340 (W) ×100～400 (L) *1
Printing method	Thermal transfer method using thermal ribbon			
Processing capacity	15 to 60 sheets/min.*2			
Printing data	Data: SD card through call touch panel or personal computer (USB connection)			Personal computer (USB connection)
Feed method	Manual feed type			
Printing speed	200 mm/s (standard)			
Dot density	300 dpi			
Editing software	Direct Kobo SW/EW			Direct Kobo SW/EW
Outer dimensions (main body)	245 (W) ×280 (H) ×460 (D)		270 (W) ×280 (H) ×460 (D)	290 (W) ×380 (H) ×535 (D)
Power supply/weight	AC100V・150W・50/60Hz	AC100V・150W・50/60Hz	AC100V・300W・50/60Hz	AC100V・600W・50/60Hz

●SMP-350 Series specifications (feeder connection type)

Model	SMP-350P1	SMP-350P2	SMP-350P3	SMP-350P4
Head size	1inch	2inch	3inch	4inch
Max. printing area	32 (W) ×100 (L)	53.3 (W) ×200 (L)	74.6 (W) ×200 (L)	106 (W) ×200 (L)
Substrate size	50～340 (W) ×125～400 (L) *1			50～340 (W) ×100～400 (L) *1
Printing method	Thermal transfer method using thermal ribbon			
Processing capacity	15 to 60 sheets/min.*2			
Printing data	Data: SD card through call touch panel or personal computer (USB connection)			Personal computer (USB connection)
Printing speed	200 mm/s (standard)			
Dot density	300 dpi			
Editing software	Direct Kobo SW/EW			Direct Kobo SW/EW
Outer dimensions (main body)	290 (W) ×430 (H) ×500 (D)			290 (W) ×380 (H) ×535 (D)
Power supply/weight	AC100V・200W・50/60Hz・7.8kg	AC100V・200W・50/60Hz・8.3kg	AC100V・300W・50/60Hz・9kg	AC100V・600W・50/60Hz・14kg
Automatic feeder	Connectable to various automatic feeders (AFB-350II, EF-500, EF-500A, AF-400II, AFZ-135).			

●UB Series specifications

Model	CPS-UB44 II	CPS-UB42 II	CPS-UB24 II	CPS-UB22 II
Workpiece size	70~340 (W) ×110~400 (L) *1			
Printing method	Thermal transfer method using thermal ribbon, 4-inch head: 12 dots x 1280 dots/line, 2-inch head: 12 dots x 640 dots/line			
Printing head	4-inch type: 12 dots x 2 pieces	4-inch + 2-inch type: 12 dots x 2 pieces		2-inch type: 12 dots x 2 pieces
Max. printing capacity	106 (W) x 200 (L) mm x 2 pieces	106 x 200 (W) + 53 x 200 (L) mm x 2 pieces		53 (W) x 200 (L) mm x 2 pieces
Printing speed/processing speed	200 mm/s [100 mm/s to 250 mm/s (variable setting)] / 40 sheets/min. (A5 size)*2			
Character type	Barcode (2 of 5 [ITF], JAN [13.8], 2 of 7 [NW7], 3 of 9 [CODE29], CODE-128 [CODE SUBSET A, B, C]), OCR, line, QR code, 8 types of Windows font, vertical/horizontal magnification (1 to 4 times), ANK, kanji characters			
Printing position/character orientation	Free setting (in some areas, there are dead zones where printing is disabled)			
Outer dimensions (main body)	590 (W) ×490 (D) ×370 (H)			
Power supply/weight	AC100V・600W・50/60Hz・40kg			
Option	Editing software, various feeders, various stackers, neutralization apparatus			

●Feeder (substrate feeding part)

Model	Automatic feeder AFB-350II	Zipper bag feede AFZ-135	Elevator feeder EF-500	Elevator air feeder EF-500A	Air feeder AF-400II
Workpiece size	70～340 (W) ×90～400 (L)	110～340 (W) ×190～297 (L)	90～320 (W) ×90～400 (L)		80～320 (W) ×480 (L)
Processing capacity	15 to 60 sheets/min.*2	145 to 295 mm/s*2	15 to 60 sheets/min.*2		
Feed method	Bottom-feeding belt	Round rubber belt	Top-contact flat belt	Top-contact vacuum rotor	Bottom-contact vacuum rotor
Loading capacity	120 mm (max. height)*3	100 pieces*3	130 mm (max. height)*3		40 mm (max. height) *3
Outer dimensions	350×460×315	450×530×310	500×570×300	540×470×340	480×370×420
Power supply	AC100V・50W・50/60Hz	AC100V・20W・50/60Hz	AC100V30W・50/60Hz	AC100V30W・50/60Hz Pump: AC100V・700W	AC100V・30W・50/60Hz Pump: AC100V・1.2KW/1.7KW
Weight	8kg	17.5kg	20kg	20kg (excluding air pump)	15kg (excluding air pump)
Option	Thin belt, cam				

●Stacker (substrate receiving part)

Model	Elevator stacker ES-500	Belt stacker BS-350II
Workpiece size	90～320 (W) ×90～400 (L)	
Processing capacity	15 to 90 sheets/min.*2	
Outer dimensions	430×520×280	355×420×262
Power supply	AC100V・50W・50/60Hz	AC100V・60W・50/60Hz
Weight	15kg	4kg
Option	Neutralization apparatus	

*1 We recommend that the W dimension of the workpiece be greater than the head size.

*2 Depending on the workpiece dimensions, the processing capacity varies.

The smaller the workpiece size, the larger the processing capacity.

*3 Depending on the workpiece thickness, the loading capacity varies.

* The unit of outer dimensions (W, D, H) and maximum printing capacity is mm.

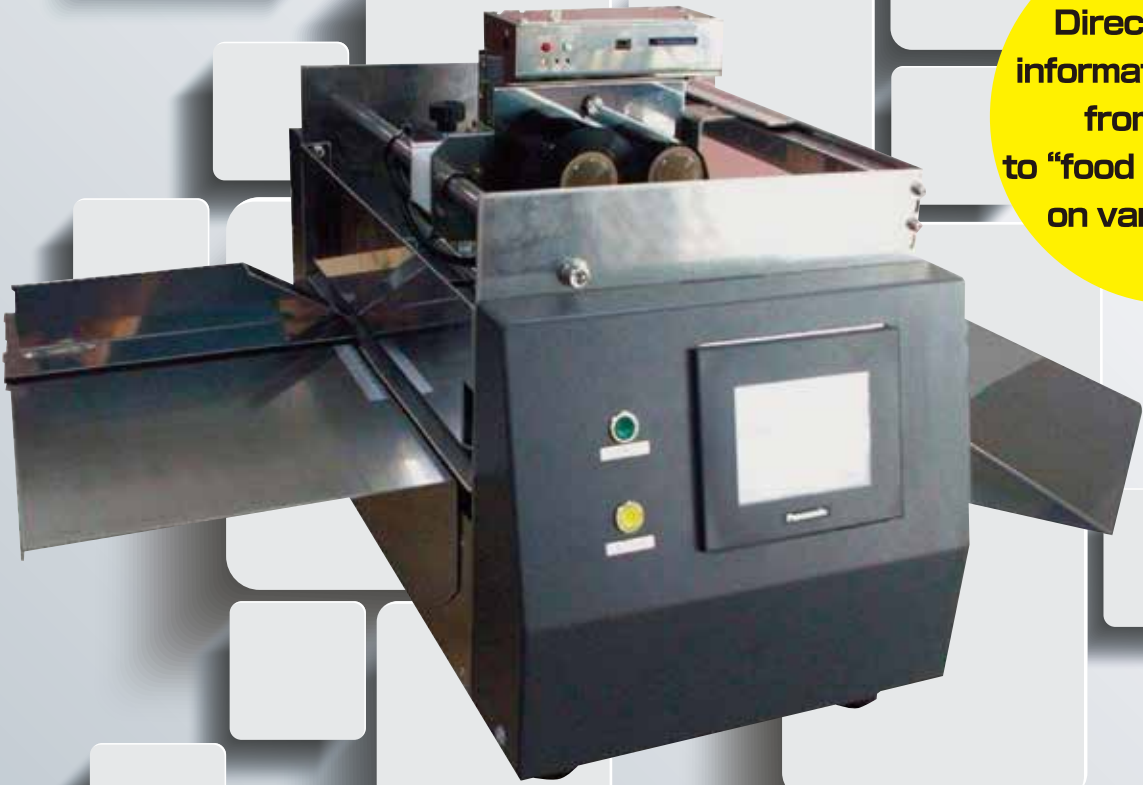
* Specifications are subject to change without prior notice for improvement.

Agent

Thermal direct printer

SMP Printer Series

S M P P R I N T E R S E R I E S



Directly prints
information ranging
from “date”
to “food information”
on various films

MODEL : SMP-HP2

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SMPprinter HP Series

Manual feed type and feeder connection type
Two types of printer widen the Convenience of work!



Connection type : AFB-350II+SMP-350P4



Manual feed type : SMP-HP2

The maximum printing area is 106 x 200 mm.

- *By manual feeding, the cost of machine is set low compared to models in which the feeder is built in.
- *Can be easily connected to feeders from Shinmei's substantial line-up when printing volume goes up.
- *Selection can be available to match exact required print width from 1 to 4 inch by each compatible machines.

Connection type feeder



Standard type feeder compatible with a variety of workpieces
Automatic feeder AFB-350II
●Applicable workpiece: various laminated bags, OPP, retort pouch, etc



Belt type capable of large-volume loading
Elevator feeder EF-500
●Applicable workpiece: various laminated bags, OPP, cardboard, etc.



New type feeder capable of feeding zipper bags
AFZ-135
●Applicable workpiece: zip bags.
Flat bags can also be fed.



Vacuum type capable of large-volume loading
Elevator feeder EF-500A
●Applicable workpiece: Thinbags and Zip bags.



Almighty workpiece feeder
Air feeder AF-400II
●Applicable workpiece: Thinbags (PE:40μ~PP:25μ~)

Stacker



High-performance stacker with neutralization apparatus (optional)
Belt stacker BS-350II
●Applicable workpiece: Thinbags (PE:40μ~PP:25μ~)



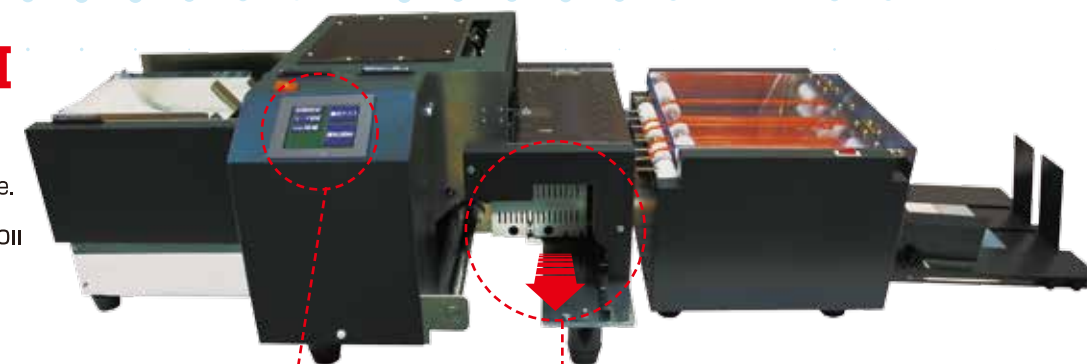
Capable of large-volume loading in combination with elevator feeder
Elevator stacker ES-500
●Applicable workpiece: various laminated bags, cardboard, etc.

Thermal direct printer Duplex printer UB Series

CPS-UB44II High-specification printer incorporated with duplex 4-inch dot printer available to freely choose the combination of 2-inch and 4-inch printers as the upper and lower printers.

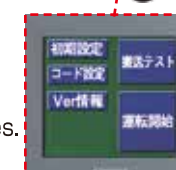
CPS-UB42II

Prints in 4-inch area on the top surface and 2-inch area on bottom surface.
Combination example:
AFB350II + CPS-UB42II + BS-350II



Touch-panel start screen

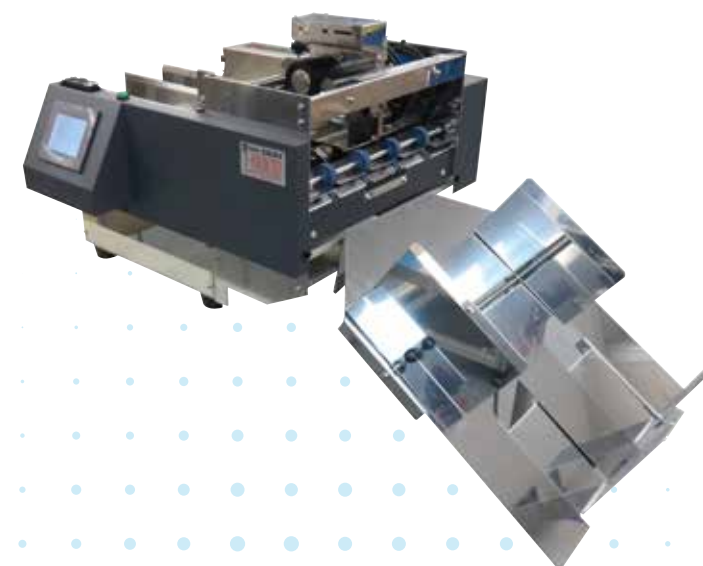
On this panel, it is available to specify the printing conditions on the top surface, bottom surface, and double sides.



Available to print two different contents on the top and bottom surfaces by means of the upper and lower printers.

Integrated printer

AFB-350 P1/P2

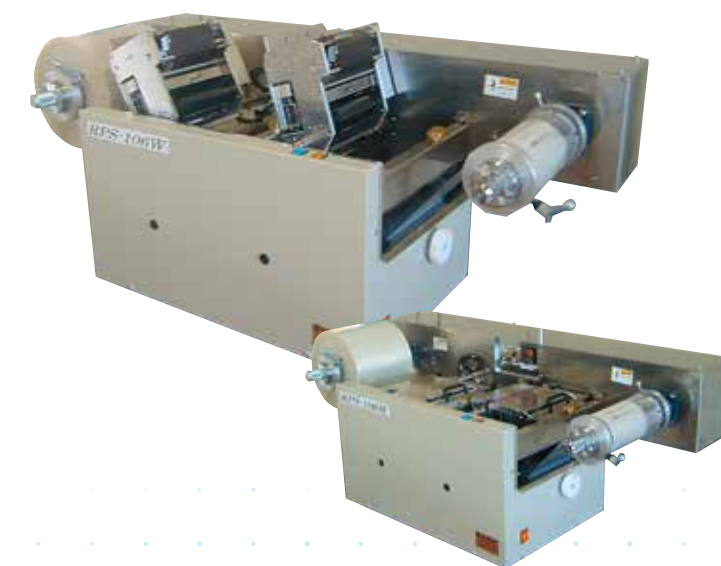


Compact printer feeder and printer combined.
This is for relatively sturdy bags.

Outer dimensions : 20 mm (W) x 400 mm (H) x 530 mm (D)
Power supply : 100V AC/200W
Printing area : P1/32 mm (W) x 200 mm (L)
P2/53 mm (W) x 200 mm (L)

Roll Film Print System

RPS-106/106W/53/53W



Product good for for small lot and wide variety printing

Power supply : 100V AC/300W
Printing area : 106/106 mm (W) x 200 mm (L)
53/53 mm (W) x 200 mm (L)



Color ribbons (semi-resin based)