



Shorter machine.

Higher precision.

Two intermittent label presses, one idea. Keep the web path short and let servo motors hold the register.



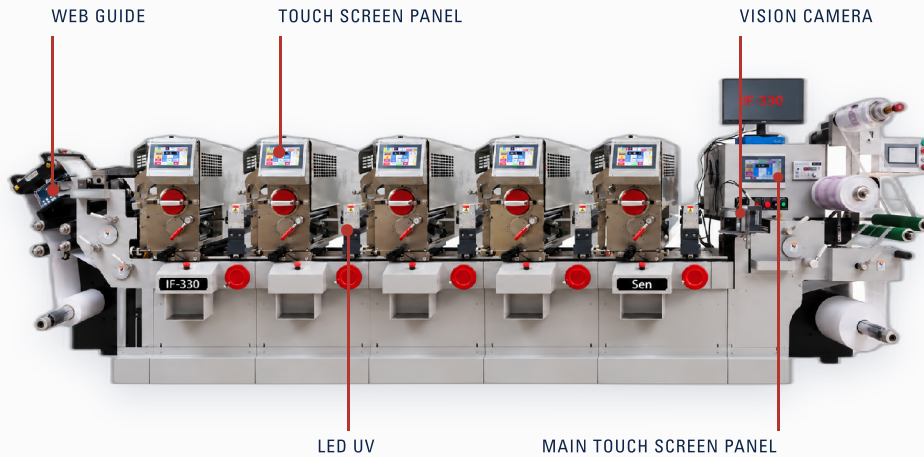
IF-330 Intermittent UV flexo · 5 colours

SMP-320D Intermittent letterpress · 5 colours

IF-330

Five colour intermittent UV flexo label press

Flexo quality with turnaround close to digital. One print cylinder covers every repeat length, so a job change is a plate change.



IF-330

BASE PRESS

Five colour intermittent UV flexo with LED UV curing at every station. The 132T print cylinder covers every repeat length, driven by servo motors at every station.



IF-330D

WITH FLAT BED DIE CUT

Everything in the IF-330, plus an inline flat bed die cut on the same pass. The press prints and die cuts in one operation, so finished labels come off the rewind with no separate die cutting step.

330 mm

MAX WEB WIDTH

5

PRINT STATIONS

12,000

LABELS PER HOUR

132T

PRINT CYLINDER

Ø550 mm

UNWIND · REWIND

Built to take work off digital presses

Setup is fast and waste is low: about 20 to 30 metres of web and the press is already running finished, saleable labels. Because it prints from plates, the cost per label stays flat as volume grows, colour holds steady from the first metre to the last, and a new job just needs a new plate, not a re-profile.

For the runs where digital turns slow and expensive, the IF-330 gives the same quick turnaround at a lower cost per label.

Key features

Servo throughout. Anilox, impression and printing cylinder each on its own servo motor.

LED or conventional UV curing at every print station.

Vision camera with TV monitor for register inspection while the press runs.

Web guide and touch panel at every station, plus a main control panel.

Runs on Self-adhesive stock, product labels, stickers, flexible film. Short runs and multicolour work.

IF-330 in detail

Specification depends on final configuration.

SPECIFICATION	IF-330 BASE PRESS	IF-330D WITH INLINE FLAT BED DIE CUT
Process	Intermittent UV flexo	Intermittent UV flexo
Print stations	5 colours	5 colours
Print cylinder	132T, fixed	132T, fixed
Output speed	12,000 labels per hour	12,000 labels per hour
Max web width	330 mm	330 mm
Max printing width	308 mm	308 mm
Repeat length	20 to 300 mm	20 to 250 mm (300 mm)
Unwind / rewind diameter	Ø550 mm	Ø550 mm
Inline flat bed die cut		1 unit
Max die cut area		250 x 300 mm
Die-cut speed		150 per minute
Dimensions L x W x H	5470 x 1300 x 1500 mm	6570 x 1300 x 1500 mm
Net weight	3500 kg	4500 kg
Power supply	3 Phase 200V, approx 21 kW	3 Phase 200V, approx 25 kW
LED UV	5 x 1.7 kW (UV Light, Taiwan)	5 x 1.7 kW (UV Light, Taiwan)

Note: With the inline flat bed die cut running together with printing, maximum output is 9,000 labels per hour. Printing alone runs at the full rated speed.

Detail highlights

Every station is built to order. Choose your preferred brand for any component, or add options as you need them. Installation and operator training by Sen engineers.



FIG. 01

Web Guide

Automatic edge correction keeps the web dead centre at speed.

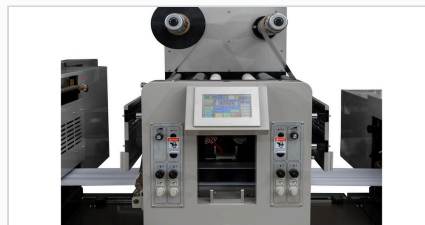


FIG. 02

Servo Cold Stamping Station

Optional servo-driven cold foil unit adds metallic foil inline with UV adhesive, no heated dies.

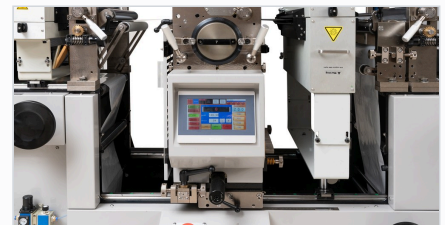


FIG. 03

Backside Printing Station

Optional station you can add for kill-glue coating or backside printing.



FIG. 04

Ink Tray

Exclusive Sen design. A double-layer structure that makes colour changes quick and clean.



FIG. 05

Vision Camera

Inline vision camera and monitor for on-screen register inspection.

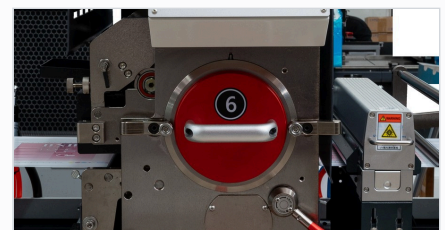


FIG. 06

Printing Station

Easy plate-cylinder change design.

CONFIGURABLE PER ORDER WEB GUIDE · TOUCH SCREEN · TENSION CONTROLLER · PNEUMATIC NIP ROLLER PRESSURE · AUTO POSITIONING · VISION CAMERA · ANILOX ROLLER · UV DRYER



SMP-320D

Five colour intermittent letterpress with inline flat bed die cut

Letterpress lays the densest ink film of any label process. Fine type stays crisp, solids stay solid, and the finished label reads premium. This is the press for work that has to look expensive.



320 mm

MAX WEB WIDTH

5

PRINT STATIONS

12,000

LABELS PER HOUR

132T

PRINT CYLINDER

Ø550 mm

UNWIND · REWIND

The premium label press

The SMP-320D prints five colours by intermittent letterpress with LED UV curing at every station, then die cuts inline on the same pass. Finished, ready-to-ship labels come straight off the rewind, with no separate die cutting step. The 132T cylinder stays in the press and runs every repeat length.

Key features

Intermittent letterpress. Crisp fine type and solid, dense colour for labels that read premium.

Servo drive holds impression and register; vision camera and LED UV at every station.

SPECIFICATION	SMP-320 BASE PRESS	SMP-320D WITH INLINE FLAT BED DIE CUT
Process	Intermittent letterpress	Intermittent letterpress
Print stations	5 colours	5 colours
Print cylinder	132T, fixed	132T, fixed
Output speed	15,000 labels per hour	12,000 labels per hour
Max web width	320 mm	320 mm
Max printing width	295 mm	295 mm
Repeat length	20 to 290 mm	20 to 250 mm (290 mm)
Unwind / rewind diameter	Ø550 mm	Ø550 mm
Inline flat bed die cut		1 unit
Max die cut area		295 x 290 mm
Dimensions L x W x H	4960 x 1250 x 1500 mm	6060 x 1250 x 1900 mm
Net weight	3500 kg	4500 kg
Power supply	3 Phase 200V, 16 kW / 20 kVA	3 Phase 200V, 20 kW / 25 kVA
LED UV	5 x 1.7 kW (UV Light, Taiwan)	5 x 1.7 kW (UV Light, Taiwan)

Note: With the inline flat bed die cut running together with printing, maximum output is 9,000 labels per hour. Printing alone runs at the full rated speed.



Talk to us

WhatsApp +60 13-288 2863 · senmachinery.com

Sen Labels Machinery Sdn. Bhd.

Company No. 809225-H · PTD 31073, Ulu Tiram, Johor, Malaysia