

PRECISION LABEL SYSTEMS

FX-450

CONFIGURATION
FULL-SERVO · PRECISION CLASS

Six Colours · Magnetic Rotary Die-Cut · LED UV Curing · Servo



450 mm

MAX WEB WIDTH

6C

PRINT COLOURS

12,000 /hr

OUTPUT SPEED

182 T

PRINT CYLINDER

1x

ROTARY DIE-CUT

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DESCRIPTION

The Sen FX-450 is a precision-built intermittent flexo label press engineered for high-volume, register-perfect production — six colours with inline magnetic rotary die-cutting, LED UV curing, and full servo control.

KEY ENGINEERING — STANDARD EQUIPMENT

01 Six-colour intermittent flexo printing

02 Magnetic rotary die-cut · 1 unit

03 LED UV curing system

04 Servo Dancing-Roller web tension

05 2nd-pass scanner mark + vision inspection

06 Individual touch panel every station

APPLICATIONS

Self-adhesive

Product labels

Cosmetic

Food & beverage

Pharmaceutical

Multi-colour stickers

Laminated labels

Premium brand

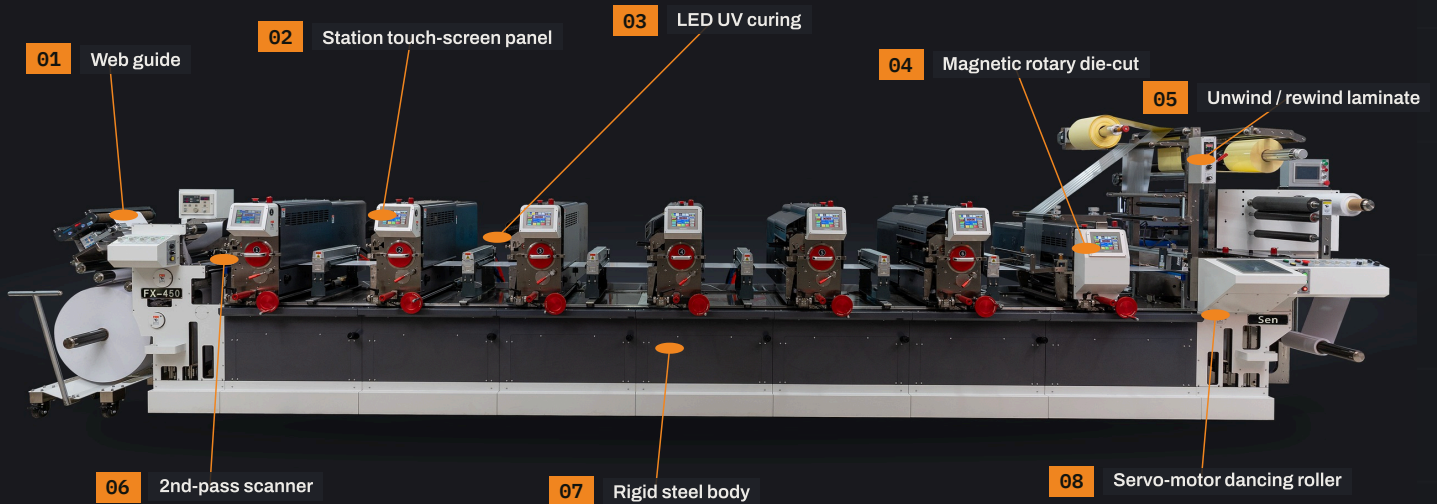
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INTERMITTENT
FLEXO

SECTION 02 — FEATURE DETAIL

Every unit, explained.



SPECIFICATIONS

Model	Sen FX-450 · Intermittent Flexo
Print stations	6 Colours
Rotary die-cut	1 × Magnetic
UV dryer	LED UV
Web guide	1 Unit
Mark sensor	2nd-pass scanner + vision
Touch panel	8 Units · 7 station + 1 main
Max. web width	450 mm

Print area	(W) 50-440 × (L) 20-460 mm
Print cylinder	182T
Output speed	12,000 / hr · 60 m/min
Power · main	3Ph 200V · 40 kVA
Power · LED UV dryer	3Ph 220V · 21 kVA
Dimension	9,050 × 1,500 × 1,900 mm
Net weight	6,200 kg

DETAIL HIGHLIGHTS

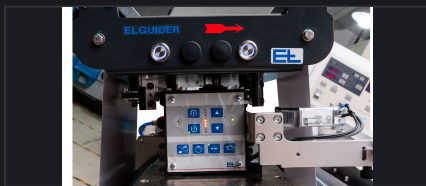


FIG.01
Web Guide

Automatic edge-correction keeps the web dead-centre at speed.



FIG.02
Station Touch Screen

Every print station has its own touch screen, plus a main panel — easy operation.

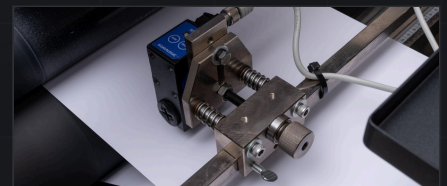


FIG.03
2nd-Pass Scanner

Reads the printed mark for precise re-register on the second pass.



FIG.04
Pneumatic Control · NIP Roller
Pneumatic control of the nip-roller pressure.



FIG.05
Vision Camera
Inline vision camera and monitor for on-screen register inspection.



FIG.06
Printing Station
Easy plate-cylinder change design.

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PRECISION
ENGINEERED