

FP-4

FLATBED UNIT FOR HOT FOIL AND EMBOSSING



The perfect value-adding solution for high quality, inline hot foil and embossing.

Adding embellishing features to filmic materials, conventional, rough, and textured self-adhesive label substrates.

ADDING EMBELLISHING FEATURES



Flatbed Unit for Hot Foil and Embossing

nilpeter

With high quality, inline hot foil and embossing, the FP-4 is the perfect embellishment solution for Wine & Spirits.

Sharp results

The FP-4 produces consistent, sharp, and solid results on conventional as well as rough and textured substrates. The unit is robust, compact, easily accessible, and very operator-friendly. Low tooling costs make the FP-4 perfect for short runs.

Individual or simultaneous

The FP-4 offers individual foiling, individual embossing, or simultaneous foiling and embossing. With excellent heat transfer at different speeds, the FP-4 achieves high impact and increased foil/embossing quality. Foil, in full width or as narrow ribbons, is fed across the web, ensuring minimum waste.

Full compatibility

The FP-4 is compatible with all Nilpeter presses and can easily be retrofitted in an existing press configuration.

Technical specifications mm (feet/inches)

Feature	FP-4
Web width	420 mm (16 1/2")
Process width	410 mm (16")
<u>Repeat</u>	
Hot foil - Embossing	82,55-203,2 mm (3 1/4 - 8")
<u>Material Caliper</u>	
Paper/cardboard/ plastics	50-300 g/m2
Speed	Up to 300 strokes/min.
Production Speed *	Up to 60 m/min.
Process area	203,2 x 410 mm (8 x 16")
Max. format	203,2 mm (8")
Foil saver	28-410 mm (1 1/8-16"). Max. 15 index
Foil width	20-210 mm (3/4-8 1/4")
Foil reel diameter	300 mm (11 3/4")
Temperature control	Electric heating, 0-180 deg.
Tool height	7 mm

* Depending on material, foil type, tooling, etc.

Features

- Register tolerances within +/- 1/10 mm
- Twenty tonnes of pressure
- Foil Saving Function – save up to eight indexes
- One single unit for inline embossing or flatbed hot foil
- Multiple units possible in one press line
- Cross-web foiling
- Consistent foiling at different speeds

Benefits

- A single unit for inline hot foil and embossing
- 3D-effects, brilliance, and outstanding details
- Low tooling costs
- Minimum waste and large savings on flatbed foils
- Perfect for short runs
- Compatible with all Nilpeter presses
- Perfect heat transfer at different speeds

