



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**.





SPECIFICATIONS mm (feet/inches)

FP-4

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



Flatbed Unit for Hot Foil and Embossing

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.

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

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