Short Technical Description of the Vinfoil Optima® SF110 GF

for offset metalized cold foil application
Consisting of the following sections

Foil unit (FU) - STANDARD

Direct Foil Drive (DFD) - STANDARD
Multiple Foil Use (MFU®) - STANDARD
Automatic loading and unloading system (ALUS+) - STANDARD
Foil Shaft Changer (FSC) - STANDARD

Manual Foil Shaft Changer (MFSC) - OPTIONAL
Shaft Parking Rack (SPR) - OPTIONAL

VIFOP® Vinfoil Intelligent Foil Optimizing Program - STANDARD

- With this on-line software, foil consumption is calculated by just uploading the pdf with the layer of the cold foil.
- Very useful for management and prepress.
- With this data the Vinfoil Optima® SF110 is automatically set
Specifications Vinfoil Optima® SF110 GF

Power supply/Air supply:
- Voltage: 400 V / 50 Hz
- Power requirement: 40 KVA
- Fuse protection at 400 V: 63 A
- Air supply: 6 bar
- Air supply flow rate: 1000 L/min

Compressed air quality according to ISO 8573/1
- Filtration on solid parts: class 4
- Filtration on oil: class 4
- Dry air: class 4

Dimensions FU (Foil Unit)
- Length: 1000 mm
- Width: 2472 mm
- Height (measured from top of printing unit): 1520 mm

Dimensions MFU® (Multiple Foil Use)
- Length: 1155 mm
- Width: 2472 mm
- Height (measured from top of printing unit): 1730 mm

Advice for ceiling height
The minimum space above the printing units of the press required for the installation of the Vinfoil Optima® SF110 GF with ALUS+ must not underrun 2450 mm.

Weight
- Foil Unit + MFU® (w/o foil reels): approx. 2200 Kg

Specifications cold foil reels
- Max. reel diameter: width => 300mm: 550 mm
- Max. reel diameter: width < 300mm: 450 mm
- Max. reel width: 1100 mm
- Min. reel width without MFU®: 50 mm
- Min. reel width with MFU®: 80 mm
**Specification reel cores**

- **Basic material**
  - Laminated paper core
- **Core winding geometry**
  - Spiral
- **Inner diameter or according to (3”) DIN ISO 11093--4C**
  - 76,5 mm + 0,5mm – 0,0 mm
- **Min. core thickness**
  - 13 mm
- **Moisture content according to DIN 11093--3 at 130°C**
  - 8%
- **Radial pressure resistance**
  - Up to 340 N/cm

The reel core width must match the width of the cold foil reel. When running multiple reels each reel must be rewound to a separate core.

**Speeds**

- **Max. start-up speed**
  - 6.000 sh/hr
- **Max. speed in single reel mode**
  - 18.000 sh/hr (depending on press specifications, press settings, substrate, cold foil, adhesive and blankets)
- **Max. speed in multi-reel mode**
  - 18.000 sh/hr (depending on press specifications, press settings, substrate, cold foil, adhesive and blankets)

The machine is delivered with the European safety certificate CE.

**SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE**