TECHNOFOIL 1050 Automatic Hot Foil Stamper & Die Cutting Machine. It can run large format sheets for die-cutting and stamping. Depending on the selected model the Technofoil can process die-cutting and embossing jobs, with or without stripping unit. It can also work with two different stamping systems, using longitudinal or transversal foil feeding or if you choose it can even have both installed on the same machine working at the same time. Using longitudinal axle you have the option of making holograms. High precision, high speed, easy to operate, quick changeovers, durability and stable performance. Features that make this machine one of the best options available in the market.

MODELS

TECHNOFOIL1050 C
1 shaft transverse direction with 2 foil rolls

TECHNOFOIL1050 SC
1 shaft transverse direction with 2 foil rolls + stripping

TECHNOFOIL1050 F
1 shaft longitudinal direction with 4 foil rolls

TECHNOFOIL1050 FL
1 shaft longitudinal direction with 4 foil rolls + hologram

TECHNOFOIL1050 FC
1 shaft longitudinal direction with 4 foil rolls
1 shaft transverse direction with 2 foil rolls

TECHNOFOIL1050 FLC
1 shaft longitudinal direction with 4 foil rolls
1 shaft transverse direction with 2 foil rolls + hologram

TECHNOFOIL1050 FSC
1 shaft longitudinal direction with 3 foil rolls
1 shaft transverse direction with 2 foil rolls + stripping

MATERIALS

- Paper
- Carton board
- Corrugated board
**COMPONENTS FOR ALL MODELS**

**Feeder section**
- Automatic feeder with non-stop system, with pallet and cart direct load.
- 4 lift-up and 4 delivery suckers, designed to handle a wide range of materials from paper to corrugated board, guarantee the accuracy, reliability and smoothness of paper feeding.
- Double sheet detector.

**Register table**
- Side-register table with 8 belts.
- 2 register side guides working with pulling and pushing system.
- 4 register front lays, independently adjustable.

**Press section**
- Closed chase with central positioning system device for fast positioning of the die.
- Cutting plate 5 mm thickness.
- Pressure control system, can be easily adjusted through touch screen. It has a security system to avoid any damage in the press.
- Manual and automatic lubrication system.
- 7 light weight gripper bars.
- Turn-over bracket for cutting chase and honeycomb chase.
- Pneumatic lock and release system for cutting chase and honeycomb plate.

**Foil stamping system**
- Heating system in 12 temperature zones with individual temperature control.
- Foil break detector.
- Film fasten device.
- Foil unwind device.
- Honeycomb chase.

**Delivery section**
- Non-stop device with automatic conveyor at delivery.

**COMPONENTS FOR 1050 SC, FSC**

**Stripping system**
- Optimized cam movement curve that guarantees stripping stability and accuracy.
- Quick-locking and central positioning system to assure the waste is cleared with accuracy.

**COMPONENTS FOR 1050 FL & FLC**

**Hologram system**
- High precision servo motor control system.
- Holographic foil sensor tracker.
- Foil tensioning system.
- Optical fiber precise positioning system, together with hologram foil unwind and foil fasten devices, make sure accurate registration and stamping.

**COMPONENTS FOR 1050 F, FL, FC & FLC**

**Longitudinal Shaft**
- 4 foil rolls in a high precision longitudinal foil feeding system.
- Air blast foil separation system.
- Foil tensioning system.

**COMPONENTS FOR 1050 C, SC, FC, FLC & FSC**

**Transverse shaft**
- 2 foil rolls in a high precision transversal foil feeding system.

**COMPONENTS FOR 1050 FSC**

**Motorized removable longitudinal foil system**
- 3 longitudinal shaft foil rollers.
- Easy to remove and set up.
- Can be used as a foil stamper machine with 3 longitudinal plus 2 transversal shafts or a regular die-cutter with stripping.
- Air blast foil separation system.
- Foil tensioning system.
**SPECIFICATIONS**

### TECHNOFOIL 1050 C / SC / F / FC / FL / FLC / FSC

#### Processed materials
- **Paper from**
  - 80 g/m²
  - 80 g/m²
  - 80 g/m²
  - 80 g/m²
  - 80 g/m²
  - 80 g/m²
- **Carton board max.**
  - 2000 g/m²
  - 2000 g/m²
  - 2000 g/m²
  - 2000 g/m²
  - 2000 g/m²
  - 2000 g/m²
- **Corrugated board max.**
  - 4 mm
  - 4 mm
  - 4 mm
  - 4 mm
  - 4 mm
  - 4 mm

#### Capacity
- **Sheet size min.**
  - 350 x 400 mm
  - 350 x 400 mm
  - 350 x 400 mm
  - 350 x 400 mm
  - 350 x 400 mm
  - 350 x 400 mm
- **Sheet size max.**
  - 1700 x 1050 mm
  - 1700 x 1050 mm
  - 1700 x 1050 mm
  - 1700 x 1050 mm
  - 1700 x 1050 mm
  - 1700 x 1050 mm
- **Speed max.**
  - 7500 s/h
  - 7500 s/h
  - 7500 s/h
  - 7500 s/h
  - 7500 s/h
  - 7500 s/h
- **Stamping speed max.**
  - 6000 s/h
  - 6000 s/h
  - 6000 s/h
  - 6000 s/h
  - 6000 s/h
  - 6000 s/h
- **Cutting force**
  - 300 Ton
  - 300 Ton
  - 300 Ton
  - 300 Ton
  - 300 Ton
  - 300 Ton

#### Converting
- **Stamp. & emboss. size max. (Long.)**
  - 720 x 1020 mm
  - 720 x 1020 mm
  - 720 x 1020 mm
  - 720 x 1020 mm
  - 720 x 1020 mm
  - 720 x 1020 mm
- **Stamp. & emboss. size max. (Trans.)**
  - 580 x 1020 mm
  - 580 x 1020 mm
  - 580 x 1020 mm
  - 580 x 1020 mm
  - 580 x 1020 mm
  - 580 x 1020 mm
- **Die cutting size max.**
  - 730 x 1040 mm
  - 730 x 1040 mm
  - 730 x 1040 mm
  - 730 x 1040 mm
  - 730 x 1040 mm
  - 730 x 1040 mm

#### Heating system
- **Heating zones**
  - 12 units
  - 12 units
  - 12 units
  - 12 units
  - 12 units
  - 12 units
- **Temperature max.**
  - 200 ºC
  - 200 ºC
  - 200 ºC
  - 200 ºC
  - 200 ºC
  - 200 ºC

#### Pre-cooling equipment
- **Foil length**
  - 120 to 1200 m
  - 120 to 1200 m
  - 120 to 1200 m
  - 120 to 1200 m
  - 120 to 1200 m
  - 120 to 1200 m
- **Web width (Long.)**
  - 50 to 1020 mm
  - 50 to 1020 mm
  - 50 to 1020 mm
  - 50 to 1020 mm
  - 50 to 1020 mm
  - 50 to 1020 mm
- **Web width (Trans.)**
  - 50 to 630 mm
  - 50 to 630 mm
  - 50 to 630 mm
  - 50 to 630 mm
  - 50 to 630 mm
  - 50 to 630 mm
- **Web advance shafts (Long.)**
  - 4
  - 4
  - 4
  - 4
  - 4
  - 4
- **Web advance shafts (Trans.)**
  - 2
  - 2
  - 2
  - 2

#### Pile height
- **Feeder**
  - 1650 mm
  - 1650 mm
  - 1650 mm
  - 1650 mm
  - 1650 mm
  - 1650 mm
- **Feeder with non-stop**
  - 1270 mm
  - 1270 mm
  - 1270 mm
  - 1270 mm
  - 1270 mm
  - 1270 mm
- **Delivery max.**
  - 1300 mm
  - 1300 mm
  - 1300 mm
  - 1300 mm
  - 1300 mm
  - 1300 mm

#### Dimensions & weight
- **Length x Width x Height**
  - 7.08x5.52x3.26 m
  - 7.08x4.28x3.26 m
  - 7.08x4.28x3.26 m
  - 7.08x4.28x3.26 m
  - 7.08x4.28x3.26 m
  - 7.08x4.28x3.26 m
- **Weight from**
  - 21 Ton
  - 21 Ton
  - 18.5 Ton
  - 18.5 Ton
  - 17.5 Ton
  - 16.5 Ton

#### Installation
- **Power supply**
  - 60 kW
  - 60 kW
  - 60 kW
  - 60 kW
  - 35 kW
  - 35 kW
- **Compressed air**
  - 6 bar
  - 6 bar
  - 6 bar
  - 6 bar
  - 6 bar
  - 6 bar
- **Air compressor capacity**
  - 30 m³/h
  - 30 m³/h
  - 30 m³/h
  - 30 m³/h
  - 30 m³/h
  - 30 m³/h
- **Air tank capacity**
  - 155 L
  - 155 L
  - 155 L
  - 155 L
  - 155 L
  - 155 L