INO HT Line

Advanced screen printing equipment fused with digital

INO

Images of the Future

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STACK S3:
Automatic stacking device

- Automatic sheet stacker to collect printed and dried sheets from the outlet of the conveyorized dryer.
- Alignment and piling up of the sheet substrates.
- Rear sheet take-out from the pile board.
- Camera with display at printing or drying station.

DRY D:
Conveyorized hot-air dryer

- Drying device for universal usage with different physical drying / thermo-fixation of printing inks.
- High efficiency.
- Precise temperature regulation.
- Energy-saving features.
- Temperature ± 1°C.
- Controlled air exchange rate.
- Sheet pass control.
- IR module option.

POWDER P5:
Melt powder application machine

- Preset parameters for application of different powder types.
- Frequency controlled motors with variable drive speed.
- Anti-static equipment.
- Dual vacuum extraction system, acting from top and bottom of the passing sheet, to provide highly-effective removal of excess powder.
- Anti-static conveyor belt to maintain a smooth sheet transport with uniform powder coat application.
- Quick change-over between different powder types.
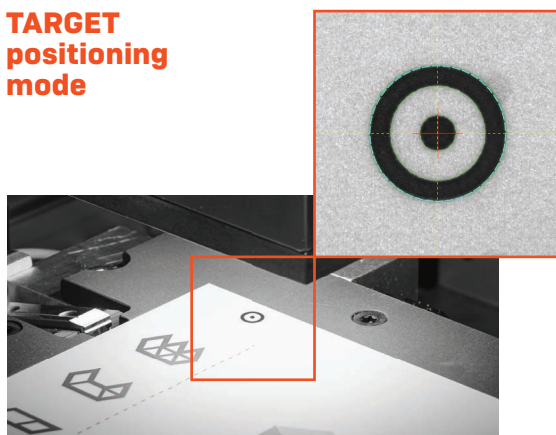- Laser sensors, reading the sheet pass – for continuous operation or »start & stop« application mode.
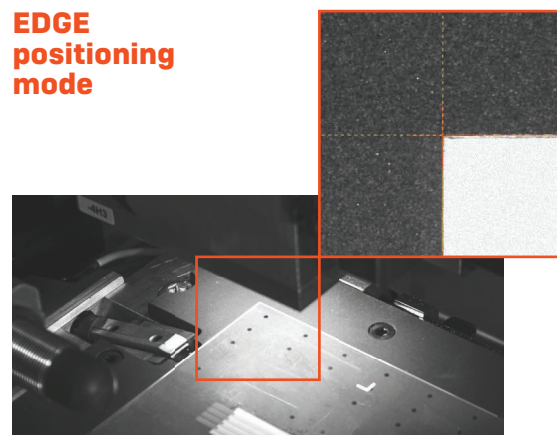
PRINT A6:
Automatic screen printing machine

- Advanced sheet-fed flatbed technology.
- Camera-controlled print auto-registration to **sheet edge** or to **image target** (previous print).
- Auto-correction of print length distortion.
- Auto-positioning during screen setup.
- Intuitive software and HMI logics.
- Operator-independent precision.
- Increased production output.
- Full integration with INO dryer and stacker.

TARGET positioning mode

EDGE positioning mode

Advantages of INO HT Lines:

- Single supply source.
- High output.
- Minimized setup time by automated processes.
- User-friendliness on all operation levels.
- Return on investment in the shortest period of time.
- INO support app

Standard substrate sizes:

- **050** - max sheet size 500 x 350 mm / 19" x 13"
- **075** - max sheet size 750 x 550 mm / 30" x 20"
- **105** - max sheet size 1050 x 750 mm / 40" x 30"