

EM Setter: Overview

High quality 8up platesetter system

The EM Setter is a fully automated, highly productive 8 page thermal CTP system. Capable of producing up to 55 8up plates per hour, the EM Setter offers a unique combination of speed, automation, high image quality and economical cost of ownership.

Key features

- ▶ Productivity: Up to 55 plates per hour
- ▶ High precision dot reproduction developed by latest imaging technologies
- ▶ Compatible with most 8up and 4up presses
- ▶ Maximum plate size: 1163 mm x 940 mm
- ▶ Low maintenance
- ▶ Punching option: Automatic inline
- ▶ Reduced energy consumption
- ▶ Long-life plate clamp system minimising service intervals and cost

Compatible with most 8up and 4up press formats

With a maximum plate size of 1163 mm x 940 mm x 0.3 mm, the EM Setter is compatible with most 8up and 4up presses, whilst retaining the flexibility to accommodate the smallest size, of 400 mm x 300 mm x 0.15 mm plates. Its integrated punching system also enables the production of press-ready plates for most commercial sheet-fed presses.

Fully automated plate loading

The EM Setter is equipped with a 4 cassette autoloader system with automatic interleaf removal. Each cassette can hold up to 100 x 0.3 mm plates allowing it to run unattended for extended periods.

High productivity and high quality imaging

The 256 channel "Spatial Light Modulator" imaging system is capable of exposing up to 55 1030 mm x 800 mm plates per hour. The imaging head produces a sharp edged distribution of energy resulting in high precision dot reproduction.

Low cost of ownership

The lasers and imaging head used in the EM Setter are supplied with a 3-year laser warranty. The system also features a long life clamp design, reducing machine maintenance down time.

Reduced environmental impact

The EM Setter encompasses the latest technologies to reduce energy consumption during operation, minimising its impact on the environment.



Technical specification

EM Setter		
Recording system		External drum
Plate size (mm)	Max	1163 mm x 940 mm
	Min	400 mm x 300 mm
Plate thickness (mm)	Max	0.3 mm
	Min	0.15 mm
Maximum output size (mm)		1163 mm x 920 mm
Light source		Thermal laser 256 channel
Wavelength		825 nm
Resolutions		1200, & 2400 or 1270 & 2540 dpi
Productivity (pph)		55 Plates per hour* (1030 mm x 800 mm, 2400 dpi)
Interface		Managed via PC software
Plate loading automation		Multi cassette autoloader (4 cassettes x 100, 0.3 mm plates)
Processor connection		Built in bridge
Punch system		Automatic inline**
Environment		Recommended for optimum performance and image quality: Temperature 21°C to 25°C. Relative humidity 45-70%
Dimensions (W x L x H)		Platesetter (including autoloader and output bridge) 1900 mm x 3267 mm x 1331 mm
Weight	Platesetter & Autoloader	1650 kg

*Productivity may depend on media sensitivity

**Punch units are available for all common configurations

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