

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

\*Productivity may depend on media sensitivity

\*\*Punch units are available for all common configurations

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