

## Built-in automation, ease of use, flexibility and accuracy contribute to these platesetters' high quality and superior productivity.

### HIGH PERFORMANCE, THROUGHPUT AND PROFITABILITY

The powerful Lotem 800V<sup>2</sup> platesetter images sixteen 8-up plates per hour, at a resolution of 100 lines per mm / 2,540 dpi. The Lotem 800V platesetter outputs ten 8-up plates per hour at the same resolution.

### FULLY AUTOMATED PLATESETTING

Fully automatic, the platesetter produces press-ready plates without operator intervention. Plates are loaded automatically. Last-minute slip sheet removal protects plates; a customized, in-line punch system punches them; and they are unloaded directly onto an in-line processor.

### IN-LINE PUNCH ASSURES PRECISE REGISTRATION

The automatic, multi-head punch provides precise registration and faster fit on press, significantly reducing makeready time. Up to nine punches can be configured for almost every commercial press size and type.

### CASSETTE OPTIONS BOOST EFFICIENCY AND PRODUCTIVITY

An optional Dual Loading Cassette provides further flexibility by holding up to 60 plates of one size in the main compartment, and up to 10 plates of a different size in a separate tray. A Multiple Cassette Unit (MCU), designed for extended periods of unattended plate production, can hold up to 500 plates of different sizes and thicknesses, 100 in each of its 5 cassettes. The appropriate cassette is automatically selected according to the plate size defined for the job. All loading options maintain the full automation features of the Lotem platesetters.

### FLEXIBLE WORKFLOW WITH INDUSTRY-LEADING DIGITAL FRONT ENDS (DFEs)

Both platesetters are driven by the Brisque Extreme<sup>®</sup> DFE with dedicated CTP functionalities, including Fast Replate<sup>®</sup> for immediate remake of a damaged plate, and the optional Back-and-Front Preview to check the alignment of two plates in a signature. The DFE's RIP Once - Output Many workflow maximizes predictability since the same data is used for proofing and platesetting. All elements are merged on-the-fly, enabling last-minute changes in press scheduling, paper selection, ink combinations and screening parameters. Connection to the Prinergy system and other DFEs will be achieved through the Lotem Link configuration.

## SPECIFICATION HIGHLIGHTS

### Technology

Fast rotating, external drum

### Laser

Multibeam, 830 nm infrared

### Media

IR sensitive aluminum plates

### Media Size

Min: 650 x 490 mm / 25.6 x 19.3 in.

Max: 1,130 x 905 mm / 44.5 x 35.6 in.

### Media Thickness

0.2- 0.3 mm / 8- 12 mil

### Throughput\*

Lotem 800V<sup>2</sup>: Sixteen 8-up plates per hr

Lotem 800V: Ten 8-up plates per hr

### Resolution (continuously variable)

60 to 140 dots per mm / 1,524 to 3,556 dpi

### Punch

Customized, up to 9 individually controlled heads

### DFE

Brisque Extreme

Prinergy and other DFEs through Lotem Link

### Screening

Turbo Screening technology, up to 600 lines per in.

\* 1,030 mm / 40.5 in. wide; 180 mJ/sq cm sensitivity at 100 dpm / 2,540 dpi resolution