

# Lotem 400V & Lotem 400VA

4-up Platesetters



These thermal platesetters address the broad needs of today's printers. High throughput and efficient plate handling make them leaders in the 4-up class. The Lotem 400V platesetter has an innovative, semi-automatic plate loading system; the Lotem 400VA platesetter is fully automatic for unattended operation.

#### HIGH PRODUCTIVITY

Both platesetters image 16 full-sized, 4-up plates per hour. Separate loading and unloading systems operate simultaneously, for non-stop production. The imaged plate unloads automatically into an optional inline processor, resulting in a streamlined platemaking process.

#### SEMI-AUTOMATIC AND FULLY AUTOMATIC OPERATION

The Lotem 400V platesetter is designed for semi-automatic operation, based on the ContinuousLoad concept: while a plate is imaged, the next plate is in standby and loads automatically after the plate on the drum unloads. The platesetter can be easily upgraded to full automation.

The Lotem 400VA platesetter is designed for fully automatic, unattended operation for over nine hours, freeing staff for other tasks. A multiple cassette unit (MCU) stores up to 150 plates of various sizes in its three 50-plate cassettes. Plates are automatically loaded, slip sheets are removed, and plates are punched for precise registration and faster mounting on the press.

#### MAXIMUM CONTROL - MINIMUM EFFORT

Simplicity of the graphic user interface (GUI) means that efficient operation does not depend on operator expertise. Minimal attention is needed to keep the platesetters in full production.

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

Both platesetters are driven by the Brisque Extreme™ DFE with dedicated CTP functionalities, including Fast Replate™ 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 platemaking. 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: 381 x 318 mm / 15 x 12.5 in.

Max: 750 x 622 mm / 29.5 x 24.5 in.

#### Media thickness

0.15-0.3 mm / 6-12 mil

#### Throughput\*

Sixteen 4-up plates per hr

#### Resolution (continuously variable)

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

#### Automation:

Lotem 400V

Semi-automatic, ContinuousLoad technology

Lotem 400VA

3 cassettes, 150 plate capacity, slip sheet removal, inline punch

#### DFE

Brisque Extreme

Prinergy and other DFEs through Lotem Link

#### Screening

Turbo Screening technology, up to 600 lines/in.

\* 724 mm / 28.5 in. wide; 180mj/sq cm sensitivity at 100 dppm / 2,540 dpi resolution

