

# Dimension 450



## Dimension 450

New dimensions in performance and productivity

With Presstek's ProFire® imaging technology to achieve dimension-

New platesetter and cost dimensions

Speed, accuracy and efficiency for prepress.

Streamlined and cost-effective operation

Dimension platesetters based on thermal imaging, which for maximum efficiency and cost effectiveness in the CTP process provides, because it avoids steps, chemicals and materials, in the film-based imaging, or other CTP processes are required.

Compact size

Using a chemical-free process and a footprint of only

185 x 84 cm is the Dimension800 one of the most compact and efficient 8-page platesetter on the market.

Maximum efficiency and profitability of the CTP process

Through the direct path from digital file to plate ready to avoid inconsistencies and variables of conventional Procedures and other CTP workflow. You save time, manpower and material and gain productivity and quality - and that is in competitive market is essential today.

High-performance eight-page CTPVerfahren

- Ease of Use
- Daylight-safe
- Chemical-free
- Compact size
- Compatibility with industry standard workflows
- Proven reliability and quality
- Saves time
- No waste
- More jobs in less time
- Low operating costs
- Environmentally friendly

Versatility

- Plate sizes from 240 mm x 292 mm to 813 mm x 1118 mm
- Fast imaging in high resolution: 5.1 minutes at 2,540 dpi, 300 line screen
- Compact size and daylight-safe, chemical-free workflow for each

Prepress

Productivity

- Streamlined plate manufacture avoids waste
- Optimized CTP Presstek's chemistry-free production

Anthem and process-free Applause plates

- Easy to use software

Quality

- Clean, precise and repeatable thermal imaging
- Presstek ProFire imaging and award-winning Anthem boards
- Worldwide, more thermal imaging heads of Presstek than any other manufacturer installed

Compatibility

- Supports popular RIPs and prepress workflows
- Provides interfaces to standard protocols and hardware industry

**Specifications:****Print Media:**

Presstek Dimension systems are designed to work together as a system with Presstek thermal plates.

Maximum plate size: 680 x 780 mm

Max image size: 640 x 768 mm

Minimum plate size: 240 x 240 mm

Resolution: 2,540 dpi

Scanning range up to 200 lpi / 300 lpi with High Resolution

Throughput: 17 plates / h

Pin-register system 220 mm / 425 mm / 550 mm

Operating environment: Safe daylight, 15 ° - 24 ° C),

40% - 80% relative humidity (non-condensing)

Pressroom, prepress or general office

Voltage: 200 to 240 V

Frequency: 50 Hz to 60 Hz

Current: 16 A single phase

Weight: 900 kg

Dimensions L x W x H 146 cm x 83 cm x 146 cm

Plate Stacker: upgrade option

Automatic drive cleaning for Anthem (bridge, plate cleaner and plate stacker) upgrade option

Full Automation: upgrade option

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