

# Presstek Dimension800

High Performance, Eight-Page Chemistry-Free CTP



 **PRESSTEK**  
A SMARTER WAY TO PRINT

# Streamline Workflow with this Versatile, High Performance Eight-Page CTP System

## Image digital files onto high resolution thermal plates for superior printing performance

Using Presstek's proven ProFire® imaging technology, Dimension platesetters deliver cost-saving dimensions of speed, accuracy and efficiency to your prepress operation.

### Streamlined, low-cost operation

Dimension platesetters use thermal imaging that maximizes the efficiency and economy of CTP by eliminating the steps, chemicals and materials required with film-based imaging, and many of those associated with other CTP processes.



### Compact size

With chemistry-free operation and a footprint of only 73" x 33" (185 x 84 cm), the Dimension800 is one of the most compact and efficient eight-page platesetters available.

### Maximize the efficiency and profitability of CTP

With a direct path from digital files to completed plates, you'll eliminate the variables and inconsistencies of conventional processes and other CTP workflows. You'll save time, labor and materials, and gain the productivity and quality required in today's competitive market.

## DIMENSION800

## Presstek Dimension800 Product Specifications

### Operating Specifications

|                              |   |
|------------------------------|---|
| <b>Media</b>                 | Presstek Anthem Pro and Applause plates for dampening equipped presses; Presstek PearlDry thermal plates for waterless printing |
| <b>Maximum Plate Size</b>    | 32.008" x 44.015" (813 x 1118 mm)   |
| <b>Minimum Plate Size</b>    | 9.448" x 11.496" (240 x 292 mm)   |
| <b>Maximum Image Size</b>    | 31.220" x 44.015" (793 x 1118 mm)   |
| <b>Imaging Technology</b>    | Presstek ProFire  |
| <b>Resolution</b>            | 2540 dpi (100 dpmm)   |
| <b>Imaging Time</b>          | 5.1 minutes per plate (2540 dpi at maximum plate size)  |
| <b>Screen Rulings</b>        | Up to 200 line screen   |
| <b>Pin Register System</b>   | Media is punched prior to imaging;<br>Two register pins on cylinder (image centered to pins)<br>220 mm, 425 mm, 550 mm, 780 mm  |
| <b>Operating Environment</b> | Daylight-safe<br>60–75° F; 40–80% relative humidity (non-condensing)<br>Pressroom, prepress or general office environment       |

### Physical Specifications

|                               |   |
|-------------------------------|---|
| <b>Power Requirements</b>     | 200–240 VAC, 50 to 60 Hz, 30 amp (single phase) |
| <b>Weight</b>                 | 2,000lbs (900kg)                                |
| <b>Dimensions (L x W x H)</b> | 73" x 33" x 50" (185 x 84 x 127 cm)             |

Specifications are subject to change without notice.

### Versatility

- Plate sizes from: 9.448" x 11.496" (240 x 292 mm) to 32.008" x 44.015" (813 x 1118 mm)
- Fast, high resolution imaging: 5.1 minutes at 2540 dpi; 200 line screen
- Compact size and daylight-safe, chemistry-free workflow fits any prepress area

### Productivity

- Streamline plate production eliminates waste
- Optimized CTP production with Presstek's chemistry-free Anthem Pro plates and process-free Applause plates
- Easy-to-use software tools

### Quality

- Clean, precise, repeatable thermal imaging
- Presstek's award-winning ProFire Imaging and Anthem Pro plate technology
- More Presstek thermal imaging heads are installed worldwide than any other thermal imaging device.

### Connectivity

- Supports popular RIPs and prepress workflows
- Interfaces with industry standard protocols and hardware

For more information about Presstek DI and CTP solutions:

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