

Dimension® Pro-W

CTP system configured for Presstek Zahara® waterless plates



- Compact size and footprint
- Ideal system for imaging Presstek Zahara waterless plates
- High resolution: 2400/2540 dpi, 5080 dpi optional
- Images plate sizes up to 676 mm × 760 mm
- Fully automated loading
- Dual top loading feature offers automated loading of two sizes of plates
- Optional internal punch system
- Environmentally-friendly features

The Dimension Pro-W CTP system is an optimal system for imaging Presstek's Zahara line of waterless plates. The 830 nm thermal imaging system offers configurations for interfacing with both chemistry-free and chemistry-based processing.

Reliable, High Resolution Laser System

The Dimension Pro-W's laser system is proven in a large number of systems on the market. Its high resolution and accuracy compliment the imaging quality of Zahara plates. Furthermore, the multiple diode system offers built-in reliability with no reduction in productivity in the event a diode needs replacement. The system automatically compensates for a weak or failed diode. Diodes are easily replaced through the simple drop-in design.

Enhancing Your Productivity

Dimension Pro-W provides fully automated plate loading with slip sheet removal. With two integrated trays, the Dimension Pro-W's dual top loading module accommodates two different plate formats (2-up and 4-up) in parallel for completely automatic changing. The investment in a Dimension Pro-W pays off in no time due to nearly unattended operation.

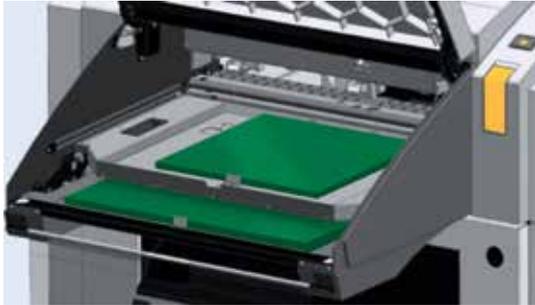
Dimension Pro-W systems can be optionally equipped with highly accurate internal punching systems. Maximum register accuracy reduces press makeready times, which also minimizes waste.

DIMENSION PRO·W



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Dimension Pro-W is the right system for imaging Presstek Zahara plates, whether you use Zahara XP on a commercial sheetfed press, or Zahara NWL for a label printing operation. Its format accommodates medium-size commercial sheetfed presses and narrow web presses.



Dual-size plate loading is facilitated by two integrated trays in the auto loading component.



Low Energy Consumption, Environmentally Friendly

The Dimension Pro-W boasts the lowest energy usage in its class and it has the lowest heat output. This has a positive effect on the energy balance. There is no need for additional air conditioning with an operating range up to 30°C (86°F) ambient temperature. The minimal electricity requirement provides substantial long-term cost savings along with being environmentally friendly.



Contact us to learn more about Presstek eco-friendly solutions.

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Dimension Pro-W Specifications

Plate loading	Automatic, dual plate sizes
Plate transport (optional)	Automatic to conveyor, processor or washer
Throughput	22 Plates/hr. (Maximum size plate)
Minimum plate size (H×W)	240 mm × 240 mm (9.45" × 9.45")
Maximum plate size (H×W)	676 mm × 760 mm (26.61" × 29.92")
Maximum imaging area (H×W)	656 mm × 760 mm (25.83" × 29.92")
Plate thickness	0.15–0.3 mm (0.0059"–0.014")
Resolution	2400/2540 dpi (5080 dpi optional)
Internal punching, optional	Up to 2 pairs of punches
Lenticular resolution adjustment	Optional
Physical Specifications	
Dimensions (W×D×H)	1550 mm × 1718 mm × 1350 mm (61.02" × 67.64" × 53.15")
Operating environment	17–30 °C (62.6–86°F); 30–70% RH
Voltage	1 phase 200–240 V AC

Product specifications are subject to change and may vary according to operating environment and other factors.