Dimension425 Excel

Presstek Certified Pre-Owned CTP System

Chemistry-Free Thermal System

- 4-page format
- Plate sizes up to 680 mm × 780 mm
- True chemistry-free platemaking with Presstek Anthem Pro plates
- High quality imaging up to 200 lpi
- Rigorous refurbishment program
- Turnkey systems
- One-year warranty

PRESSTEK
A SMARTER WAY TO PRINT

The Right Combination of Price, Performance and Value in CTP

Affordably streamline your plate production and lower platemaking costs with a chemistry-free Presstek Certified Pre-Owned Dimension425 Excel thermal metal platemaking system.

Presstek Certified Pre-Owned

Presstek offers remanufactured Certified Pre-Owned models of its industry proven Dimension425 Excel CTP systems at an affordable price. The highest level of reconditioning, testing and certification standards are applied, assuring you will own and operate a high quality reliable device built to last.

Certification Features:

- Comprehensive mechanical and safety inspection
- Reconditioning to original factory specifications by a team of Presstek expert engineers
- Extensive parts replacement ensures peak performance
- Laser system calibration to original factory specifications
- Backed by Presstek service and support
- Full one-year warranty on parts and labour

Complete Turnkey Systems

A Presstek Certified Pre-Owned CTP system is a complete turnkey solution, including everything you need to start streamlining your plate production immediately. Purchase price includes:

- Delivery and standard rigging; Presstek expert installation, training and support
- A new RIP computer and the latest version of Presstek Momentum RIP software
- A free box of plates (50 count)
- Peripherals: Plate punch, AMS unit for ablation debris, chiller, and plate rinse unit

Exceptional Warranty and Ongoing Support

Your investment in a Presstek Certified Pre-Owned system is protected with a full one-year parts and labour warranty. After installation and training, Presstek will support you throughout your ownership of the system with parts and a network of customer care representatives and expert service technicians. Post-warranty, Presstek offers a range of service programs to meet your particular budget needs.

PRESSTEK CERTIFIED PRE-OWNED CTP

Every Presstek Certified Pre-Owned system undergoes rigorous testing to ensure consistent operation at original performance levels.

DIMENSION 425
E·X·C·E·L

Affordable, Superior Thermal CTP

Thermal laser technology is the preferred choice of the industry for CTP. Thermal imaging offers high efficiency and produces high quality metal plates with the resolution and durability to fit the most demanding print work. Presstek Certified Pre-Owned Dimension425 Excel systems are an opportunity to acquire all the advantages of a proven thermal CTP system with only a modest investment.

A Faster and More Profitable Solution

The Presstek Dimension425 Excel offers both ease-of-use and high resolution platemaking. The system is optimised for use with Presstek chemistry-free Anthem Pro plates. Because there is no chemical processing, the combination of Anthem Pro plates and a Dimension425 Excel fully capitalises on the benefits of thermal imaging. Costs are lower, output is more reliable and consistent, and labour is reduced to just a few simple steps—raising both speed and profitability for offset operations that face growing demand for faster turnaround and shorter run lengths.

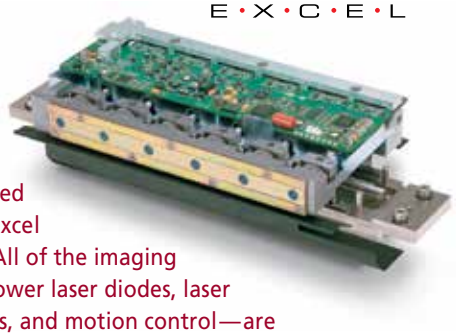
Eliminating chemistry in platemaking also makes for a more environmentally friendly operation.

Just Two Easy Steps

Dimension425 Excel Features Include:

- Thermal laser imaging
- Images plate sizes from 320 mm × 240 mm up to 640 mm × 768 mm
- 2540 dpi resolution ProFire imaging
- Produces high quality metal plates up to 200 lpi
- Easy operation and maintenance
- Daylight-safe plate loading, imaging and handling
- Small footprint with convenient top loading and unloading fits any prepress floor plan

PROFIRE
E·X·C·E·L



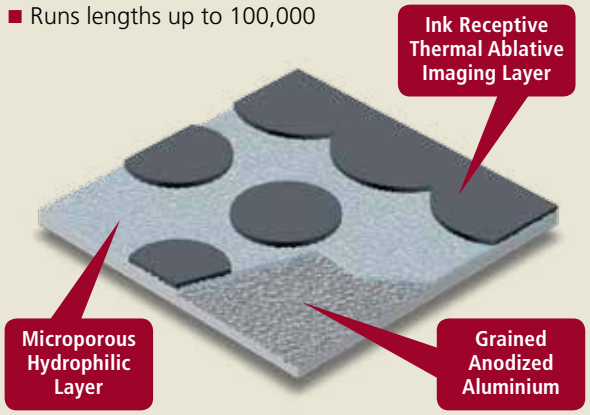
ProFire Excel:

Dimension425 Excel CTP systems are enabled by Presstek's ProFire Excel imaging technology. All of the imaging components—high power laser diodes, laser driver, data electronics, and motion control—are combined in a compact, modular imaging system. During refurbishment, the system is recalibrated to original factory specifications.

ANTHEM PRO

Chemistry-Free Plates

- Thermal laser plate
- Grained anodized aluminium
- Positive writing with strong black image
- Optimised performance with Dimension425 Excel systems
- No chemistry—Just rinse with water after imaging
- No gumming or baking
- Fast roll-up and wide ink/water latitude on press
- Compatible with a wide variety of presses, inks and fountain solutions
- Runs lengths up to 100,000



Technical Specifications

Dimension425 Excel

Imaging Technology	Presstek ProFire Excel thermal laser
Plate Media	Presstek Anthem Pro
Maximum Plate Size	680 mm × 780 mm (26.771" × 30.708")
Minimum Plate Size	320 mm × 240 mm (12.598" × 9.448")
Maximum Image Size	640 mm × 768 mm (25.196" × 30.236")
Resolution	100 dpmm (2540 dpi)
Plate Handling	Semi-automatic; top loading and unloading
Throughput	Up to 11 plates per hour
Operating Environment	16–21°C (60–75°F); 40–80% relative humidity (non-condensing); daylight safe; prepress or general office environment
Power	Three lines at: 200–240 VAC, 50–60 Hz, 13 amps minimum (single phase)
Weight	900 kgs (2,000 lbs)
Dimensions L x W x H	146 cm × 83 cm × 146 cm (58" × 33" × 58")

Anthem Pro Plates

Plate Type	Thermal ablative; positive writing
Plate Substrate	Grained anodized aluminium
Exposure	Thermal laser
Safelight Sensitivity	Full daylight operation
Plate Size	Common press sizes are available
Plate Thickness	.15 mm, .20 mm and .30 mm (.006", .008" and .012")
Chemistry	Not required
Processing	Simple cleaning with water; no baking or gumming required
Line Screen	Up to 200 lpi
Run Length	Up to 100,000 impressions
Storage Environment	Store in a cool dry place at temperatures below 27°C (80°F)
Shelf Life	Two years

Product specifications are subject to change.

PRESSTEK CERTIFIED PRE-OWNED CTP

Presstek Certification Protects You

The goal of the Presstek Certified Pre-Owned CTP programme is to ensure that every system in the programme delivers the performance synonymous with the Presstek brand. Only pre-qualified systems are accepted. All electronic and mechanical systems are checked, serviced and tested to meet precise specifications.

A Certified Pre-Owned Dimension425 Excel system comes with a full one-year warranty. You can further protect your investment with an extended warranty agreement made at the time of purchase.

ECO-FRIENDLY PRINTING SOLUTIONS

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

Presstek LLC • Corporate Headquarters - USA • Tel.: +1-603-595-7000 • Toll-free: 1-800-422-3616 • info@presstek.com

Presstek Europe LTD • United Kingdom Office • Tel.: +44 (0)20 8745 8000 • marketingeamer@presstek.com

www.presstek.com

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