



ADVANTAGE PRO T

Dual format thermal CtP system for newspaper printing

The high-quality Advantage Pro T platesetters give any newspaper printer a competitive edge – from local newspaper printers to high volume publishers. Combined with chem-free or process-free ECO3 thermal plates, newspapers can choose from different plate-loading mechanisms, including two trolleys or dual pallet loading with up to 6,000 plates. Fulfill your throughput requirements with speeds up to 300 plates per hour. The design of Advantage Pro T is made future-proof by incorporating remote diagnostics, app-based WLAN operation and Industry 4.0 capabilities.

Advantage Pro T is part of ECO3's fully integrated prepress solutions that come complete with plates, processors, workflow software and screening technologies.

YOU
PRINT.
WE
CARE.

Advantage Pro T dual format specifications

CHARACTERISTICS		
Models available	Pro T 100, 180, 250, 300	Ideal for medium to high volume newspapers
Imaging technology	Thermal external drum with high quality optics	Consistent quality and high throughput
Laser type	Thermal laser 830 nm	Highest linearity and sharpest dots
Laser heads	1 to 4 heads, depending on throughput requirements	Consistent quality, no adjustments needed
Resolution	1,270 dpi	Highest quality imaging, suitable for newspapers and magazine style products
Throughput	100 to 300 single plates/hour, depending on the model and plate sensitivity	Later deadlines with less CTP lines and room for growth
Upgradability	From 100 to 300 in speed and productivity From Trolley to Pallet Loader	Easy adoption to increased production requirements Increase automation and reduce plate loading errors and time Production of multiple formats without handling interruptions
PLATE HANDLING		
Supported plate types	830 nm thermal CTP plates (90-150 μ J/cm ²)	No plate, vendor or technology lockdown
Plate capacity	Trolley: 2 x 1,000 single or 500 panorama plates/bay Pallet: 2 x 3,000 single or 1,500 panorama plates/bay	Reduced loading interventions, less CTP lines and potential for future growth
Plate size	Max. 620 x 920 mm (24.4" x 36.20")	Single/panorama plate formats
Registration system	Electronic 3 point register	Instant plate changes for higher productivity
Plates per cycle	2 single plates per imaging cycle	Perfect register accuracy in four color sets
Configuration	Can be configured with left or right loading	More efficient operation of two mirrored machines
Paper detection	Paper recognition sensor with Auto-Stop	Reduction of downtime for unmanned operation
INTERFACING		
User interface	CTP Controller for Advantage Pro T	Run and control the CTP device by an app, remotely!
Data interface	Open 1-Bit-Tiff interface and XML status messages	Easy and superior integration into any TIFF-network, comfortable XML tracking
Processor connection	Adamas COU (straight/sideways left)	Fully integrated clean-out system with ECO3 IoT
Smart Service maintenance	Remote access via web-app	Secure, encrypted connection for fast response in case of errors
Smart Service monitoring	Remote messaging of errors with logfiles and video sequences	ECO3 experts can remotely do real-time condition monitoring and preventative maintenance
Industrie 4.0 integration	Opt. sensor integration for condition monitoring	Room condition and energy usage for ISO 50001 reports
DIMENSIONS		
Size (L x W x H, uncrated)	4,350 x 1,480 x 1,850 mm (171.3 x 58.3 x 72.9")	
Weight	With two trolleys or two pallets: 1,630 kg (3,593.5 lbs)	

ECO3.com

ECO3 is committed to continuous innovation that targets ecology, economy and extra convenience. Our solutions are designed to deliver higher productivity, lower costs and greener outcomes.