



ADVANTAGE PRO V

Dual format violet CtP system for newspaper printing

The high-quality Advantage Pro V platesetters give any newspaper printer a competitive edge – from local newspaper printers to high-volume publishers. Choose from different plate-loading mechanisms, including a trolley or pallet loading with up to 6,000 plates online. Add an optional panorama cassette, if needed. Fulfill your throughput requirements with speeds up to 400 plates per hour. The design of Advantage Pro V is made future-proof by incorporating remote diagnostics, app-based WLAN operation and Industry 4.0 capabilities. The platesetter can image both conventional and chemistry-free plates.

Advantage Pro V 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 V dual format specifications

CHARACTERISTICS		
Models available	Pro V 100, 150, 200, 250, 300, 350, 400	Ideal for medium to high volume newspapers
Imaging technology	Violet flatbed with high quality optics	Consistent quality and highest throughput
Laser type	Violet laser diode 405 nm	Long lifetime: low operating and replacement costs
Laser lifetime	Approx. 10,000 exposing hours	Low cost per exposed plate
Laser heads	1 in a dust protected housing	Consistent quality, no adjustments needed
Resolution	1,016 - 1,270 dpi - with HR option up to 2,540 dpi at full scanner speed with TIFF-Stream	Highest quality with stepless resolution adjustment
Throughput	100 to 400 single plates/hour, depending on the model	Later deadlines with less CTP lines and room for growth
Upgradability	From 100 to 400 in speed and productivity From Trolley to Pallet Loader; pallet loading from 1 Bay to a 2 Bay Multifformat loading system	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	405 nm CTP plates (30-150 µJ/cm ²)	No plate, vendor or technology lockdown
Plate capacity	Trolley: 2 × 1,000 single or 500 panorama plates/bay Pallet: 2 × 3,000 single or 1,500 panorama plates/bay	Less loading interventions, less CTP lines and potential for future growth
Plate size	Max. 640 x 940 mm (25.2" x 37.00")	Single/panorama plate formats
Exposure size	Max. 610 x 940 mm (24.0" x 37.00")	Best in class optics for the highest imaging quality
Registration system	Electronic 3 point register	Instant plate changes for higher productivity
Plates per cycle	1 plate per imaging cycle	Perfect register accuracy in four color sets
Configuration	Can be configured with left or right loading	More efficient operation of two machines
Panorama cassette	Opt. 30 panorama plates max 640 x 750mm	Easy-load cassette for multifformat operation with a single loading bay
Paper detection	Paper recognition sensor with Auto-Stop	Reduction of downtime for unmanned operation
INTERFACING		
User interface	CTP Controller for Advantage Pro V	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	Attiro COU, VCF 85 N (straight/sideways left & right)	Fully integrated system with Smart Services integration or open interface for third party data processors
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)	3,739 x 960 x 1,500 mm (147.20 x 37.80 x 59.06")	
Weight	Empty: 950 kg (2,096 lbs), with trolley: 1,250 kg (2,757 lbs), with pallet: 1,750 kg (3,860 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.