

Krause PlateStream Multifomat

State of the Art for your future CTP production



- CTP peak performance platesetter with 100 - 400 plates per hour
- 2 Loading bays for trolley or pallet loading with up to 6.000 plates plus opt. panorama cassette
- Integrates future oriented Industry 4.0 and 3D components
- Excellent violet imaging quality with Krause Juwel Ultra 3.0
- App based WLAN operation with Krause CTP Controller
- Represents the latest CTP generation for newspapers
- Krause resource efficiency concept and various tracking options

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Krause PlateStream – Exceeds your expectations in the CTP automisation

Krause is a technology leader and the new PlateStream proves it impressively. PlateStream images 100-400 pph and provides user friendly operation and loading from left or right with trolleys or pallets with no extra space need. Optionally a panorama cassette is available and holds up to 30 panorama plates. And all this technology is build into a small housing – so PlateStream

incorporates highest CTP specification at smallest floor space. Even more convincing are new Krause PlateStream developments and the technical components that achieve the peak of perfection goal. E.g. the Krause Juwel Ultra 3.0 carefree quality imaging electronics plus Linux-based CTP Controller to run the machine with highest quality at full speed. In order to match

these developments with high speed mechanics, Krause designed the Snap-Lock register plate alignment and the Mikro-Direct-Drive system that allows for almost continuous imaging of plates. The Krause PlateStream represents state-of-the-art technology for future oriented and integrated CTP production, enhanced by Smart Services.

TECHNICAL DATA	KRAUSE PLATESTREAM SOLUTION	CUSTOMER ADVANTAGE
Configuration	Can be configured with left or right loading	Central operation of two machines for control and loading
User Interface	CTP Controller for PlateStream and BlueFin	Run and control your 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 plus comfortable XML tracking
Exposing system	Violet flatbed with Krause Juwel Ultra 3.0 optics	Perfect and consistent quality with highest throughput
Laser type	Violet laser diode 405 nm	Low operating and replacement costs due to long lifetime
Laser lifetime	Approx. 10,000 exposing hours with violet	Low cost per exposed plate
Laser heads	1 in a dust protected housing	Consistent quality, no adjustments of laser or diodes necessary
Register system	Krause Snap-Lock 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
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, produce a commercial like Daily Magazine at incredible speed
Models available	PlateStream 100, 150, 200, 250, 300, 350, 400	Ideal productivity for medium to high volume newspapers
Upgradability	From 100 to 400 in speed and productivity From Trolley to PowerLoader pallet loading and Panorama Cassette	Easy adoption to increased production requirements Increase automation and reduce plate loading errors and time Production of multiple formats without handling interruption
Capacity	Depending on model 100-400+ single plates /h	Later deadlines with less CTP lines and growing potential
Plate size	Max. 640 x 940 mm (25.2" x 37.00")	Single/panorama/commercial plate formats
Exposure size	Max. 610 x 940 mm (24.0" x 37.00")	Juwel Ultra 3.0 optics for highest imaging quality
Supported plate types	405 nm CTP plates (30-150µJ/cm²), Krause certified	Independence from one plate type, supplier or technology
Plate capacity - trolley	1,000 single or 500 panorama plates per bay	Capacity for a daily production of mid to large newspapers
Plate capacity - pallet	3,000 single or 1,500 panorama plates per bay	Avoid plate loading errors and operate a lights-out CTP
Panorama Cassette	Opt. 30 panorama plates max 640 x 750mm	Easy-Load Cassette for Multiformat operation
Paper Detection	Paper recognition sensor with Auto-Stop	Reduction of downtimes for manless production
Energy consumption	0.3 kw per Krause PlateStream	Cost savings due to low energy consumption
Footprint	3,732 x 960 x 1,500 mm (LxWxH)	Small footprint with ideal access to all components
Processor Connection	Krause BlueFin, BlueFin LowChem or others via integrated output conveyor (straight/sideways)	Fully integrated system from one manufacturer with Smart Services integration or open interface for all 3rd Party processors
Smart Service Maintenance	Remote access for Remote Experts via Web-App	Secure, encrypted connection for fast response in case of error
Smart Service Monitoring	Remote Messaging of errors with logfiles and video sequences	Remote-Experts at Krause as a base for real condition monitoring and preventative intervention
Industrie 4.0 Integration	Opt. sensor integration for condition monitoring	Room condition and energy usage for ISO 50001 reports

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