

Krause LS Jet Multiformat Non-Stop CTP production for Newspapers



- High performance CTP platesetter for just-in-time production with up to 400 plates per hour
- Power Loader - superior plate capacity of 6,000 (2,000) printing plates directly from pallet
- Best in class automation with Autodrop
- Automatic highspeed plate format switches
- Excellent quality by Krause Juwel-Optics and highest system availability
- User-friendly operation and perfect BlueFin processor system integration in one control panel
- Profitability and environmental protection by Krause resource efficiency

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Krause LS Jet Multiformat – the non-stop CTP solution

The Krause LS Jet Multiformat is a consistent further development of the well established and successful LS Jet in due consideration of future requirements in leading newspaper printers worldwide.

The well-proven Krause Juwel violet technology with speeds of up to 400

plates per hour, that guarantees highest quality and reliability at lowest operating costs, now gets a productive multiple format and pallet loading plate handling.

A superior plate supply in two high capacity trolleys or pallet plug-in, an

amazingly fast format change loading system and a new intuitive CTP system control with perfect integration of the BlueFin processor and workflow plus maintenance systems, ensure increased automation and an uninterrupted CTP production.

TECHNICAL DATA	LS JET MULTIFORMAT SOLUTION	CUSTOMER ADVANTAGE
Configuration	Can be configured with left or right loading	Central operation of two machines for control and loading
User Interface	Controlled from Front-End system or LS Jet terminal	Higher automation
Data Interface	NetLink – Open network interface for 1-Bit-Tiffs	Easy and superior integration into any TIFF-network. All machine setups, like resolution, laser power, plate and imaging size, imaging speed will be automatically changed
Exposing system	Violet flatbed with Krause Juwel-Optics	Highest throughput at consistent and perfect quality
Lasertype	Violet Laser diode 405nm	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	Consistent quality, no adjustments of laser or diodes necessary
Register system	Electronic 3-pin alignment	Perfect plate to plate register accuracy
Plates per cycle	1 plate per imaging cycle	Identical exposure position for perfect four colour sets
Resolution	1,016 – 1,270 dpi with HR option up to 2,540 dpi	Versatile application with stepless resolution adjustment
Models available	LS Jet Multiformat 200, 250, 300, 350 and 400	Ideal productivity for medium to high volume newspapers
Upgradeability	From 200 to 400 model, on site possible	Easy adaption to increased production requirements
Capacity per hour	Up to 400 single plates / h (LS Jet 400) Up to 175 panorama plates / h (LS Jet 400)	Highest productivity for single and panorama plate formats Allowing later deadlines and a more flexible production
Plate size	Max. 640 x 940 mm (25.2" x 37")	Single and panorama newspaper or commercial plate sizes
Exposure size	Max. 610 x 940 mm (24.0" x 37")	Juwel-Optics for highest imaging quality
Supported plate types	405nm CTP plates, certified by Krause	Independence from one plate type, supplier or technology
Plate capacity - trolley	2,000 single or 1,000 single and 500 pano plates	Automatic CTP output even with high plate volumes
Plate capacity - pallet	6,000 single or 3,000 single and 1,500 pano plates	Lights out CTP production over several shifts
Multi format operation	2 high capacity trolleys or pallets in two loading bays	Automatic format switches for flexible CTP output without user intervention
Paper detection	Paper recognition sensor with Autodrop	Reduction of downtimes by plate eject for manless production
Energy consumption	0.9 kw per Krause LS Jet	Cost effective with Krause resource efficiency
Footprint	1,050 (W) x 3,453 (L) x 1,490 (H) mm	Small footprint of CTP line with ideal access to all components even with pallet loading
Processor Connection	Krause BlueFin or others via integrated output conveyor	Fully integrated product from one manufacturer with Low-Chem path or open interface for all 3rd Party processors
Monitoring	Optional module NetTrack or XML Interface	Interface for central monitoring of machine parameters
Remote Service	NetCare / Service-Gateway Service Interface	Worldwide remote service from Bielefeld via Internet
Industry 4.0	Integration of sensors and interfaces	System integration and reporting

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