

Krause LS Performance

Compact device with high output



- Automatic CTP system for small and medium sized newspaper printers
- Jewel-Optics for highest newspaper and semi-commercial quality
- 120 - 250 plates/hour (depending on model)
- Plate loading from trolley, HC-trolley or with Power Loader directly from pallet
- Extremely compact design
- Low service costs through remote service

LS Performance – the compact middle class for highest standards

The LS Performance CTP platesetter is the ideal solution for the middle market segment. Extremely compact in its dimensions but high in output capacity (120 - 250 plates/h, depending on

model), it is the perfect solution with highest reliability for the fully automatic CTP production. The high value Krause platesetting system Juwel-Optics guarantees excellent

quality, like it is permanently needed for the newspaper and semi-commercial application. The now upgradable Power Loader improves CTP automation.

TECHNICAL DATA	LS PERFORMANCE SOLUTION	CUSTOMER ADVANTAGE
User Interface	Performance Control - platesetter and processor	One PLC control for the complete CTP line
Data Interface	NetLink - Open network interface for 1-Bit-TIFFs	Easy and superior integration into any TIFF-network.
Exposing system	Violet flatbed with Krause Juwel-Optics	High throughput at perfect quality
Lasertype	Violet laser diode 405 nm	Low operating and replacement costs
Laser lifetime	Approx. 10,000 exposing hours with violet	Low costs per exposed plate
Laser heads	1	Alignment of laser and diodes not necessary
Register system	Electronic 3-pin alignment	Flexible formats can be handled easily
Plates per cycle	1 plate per imaging cycle	Highest register accuracy in four colour set
Resolution	1,016 – 1,270 dpi with HR-option up to 2,540 dpi	Versatile application with stepless resolution adjustment
Capacity per hour	120, 150, 200, 250 plates, depending on model	Productivity matches the customers requirements
Upgradeability	From 120 to 150, 200 or 250	Easy adoption to increased production requirements
Plate size	Max. 640 x 940 mm (25.2" x 37")	Single/panorama/commercial plate formats
Exposure size	Max. 610 x 940 mm (24" x 37")	Juwel-Optics for highest quality
Supported plate types	All available plates for 405 nm	Independence from one plate type/supplier
Plate supply	Large plate trolley for single- and panorama plates High capacity trolleys or Power Loader	Easy loading and daylight operation Pallet loading avoids loading errors and improves automation
Plate capacity-trolley	Up to 600 single or 300 panorama plates or up to 1,000 single or 500 panorama plates with HC Kit (Number of single plates with flexible feeding)	Capacity for a daily production (newspaper with medium circulation)
Plate capacity-pallet	3,000 single or 1,500 pano plates	Lights out CTP production
Paper detection	Paper recognition sensor with Autostop	Reduction of downtimes
Energy consumption	0.9 kw per LS Performance	Cost effective with Krause resource efficiency concept
Footprint	1,030 mm (W) x 2,610 mm (L) x 1,600 mm (H)	Smallest platesetter in its class
Processor connection	Straight with integrated plate output conveyor	Small space requirements for complete line
Processor	Krause BlueFin, BlueFin LowChem or others with integrated output conveyor	Completely integrated product from one supplier or open interface to 3rd party processors
Monitoring	Optional module NetTrack or XML interface	Interface for central monitoring of machine parameters
Remote Service	Service interface to Krause 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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KRAUSE

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