DotLine GmbH
- Focused on your needs
- Future proofed systems

Autonomous investment
- Use the workflow you want
- Be free in the choice of plates

Reliable quality and speed
- Highest efficiency
- Best spot quality

After Sale Support
- Assured quality
- Certified reliability

Smax
100
plates/h

Smax

Boost your efficiency

THE CTP³ COMPANY

Solutions for prepress applications
Made in Germany

Market requests: - High efficiency to reduce cost of ownership

DotLine CTP³ solution - S*MAX*

S*MAX*   concept
boost your efficiency

- Less moving parts saves kinetic energy and maintenance

- Specialised linear drives for plate transportation

- Remote control via network

- Small design and footprint

- Easy to use

- Reports to all common MIS systems as xml files

S*MAX*   semi automated
start up easy and upgrade later

Manual loading solution

- Online connection to processor as standard

- The GUI informs the operator about needed plate format

- Format variable from plate to plate without operator intervention

- Preload next plate during exposing the previous plate to use the full performance

- Open design for an effective plate handling

- Automation upgradeable

S*MAX* fully automated
up to 100 plates @ 1270 dpi

Automated inline production

- Designed and proofed for man less production

- Lowest power consumption per exposed plate

- Up to 400 single or 200 panorma plates in access

- Including fully automatic paper removal

- Left right version available for effective room layouts

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- Best image quality and repeatability   - Reasonable investment and reliability

S*MAX* modular concept
upgrade easy - „plug and play"

S*MAX* semi automatic unit

S*MAX* fully automatic unit

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DotLine S*max* - specifications

Exposure System	Flatbed with violet laser and single facet optic
Plates supported	Violet sensitive photopolymer plates
Data input	1 BIT TIFF G4 via network RJ45 1000 T Standard
Plate handling	manual or automatic loading and paper removal automated unloading (optional)
Plate capacity	Trolley with 400 Single or 200 Panorama plates (optional)
Plate output	100 plates / h, single plates, 1270 dpi

Technical data

Laser source	violet 405 nm
Laser power max.	60 - 120 mW
Scan length max.	630 mm
Feed length max.	910 mm
Resolution	up to 1270 dpi
Screen ruling	AM, FM, hybrid, dependent on plate type
Spot size	20 µm
Exposing speed	3 - 10 mm/sec
Min plate size	280 X 420 mm
Max. plate size	630 X 910 mm
Plate thickness	0,2 - 0,3 mm

Room conditions and power supply

Power, single phase	16 A 220 V
Power consumption	max 1500 W
Compressed air	min 5,5 bar
Weight approx.	Manual: 400 kg / Automated: 800 kg
Dimension L x W x H	Manual loading approx. 220 x 80 x 140 cm
	Fully automated approx. 230 x 155 x 165 cm
Plate output height	890 mm
Room - temperature*1	18 - 23 ° C
Room - humidity*1	40 - 60 %
Room - light*1	yellow save light

*1 dependent on plate type

Dotline GmbH

Ludwig-Erhard-Allee 49
D-33719 Bielefeld
Germany

Info@dot-line.de
www.dot-line.de

Fon: +49 (0)521 238312 - 0
Fax: +49 (0)521 238312 - 10

dotline
THE CTP³ COMPANY