

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 productivity
- Best spot quality

After Sale Support

- Assured quality
- Certified reliability

plates/h  
400



Boost your performance



## THE CTP<sup>3</sup> COMPANY

Solutions for prepress applications  
Made in Germany

## Market requests:

- High performance to reduce production time, easy to operate

## DotLine CTP<sup>3</sup> solution - VMAX

### VMAX concept

### boost your performance

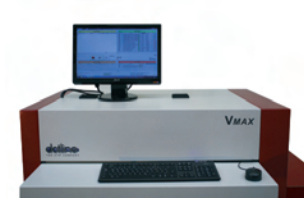
- High speed units for all photopolymer plates
- Violet laser diodes provide a lifetime of use combined with the lowest cost of ownership
- Less moving parts saves kinetic energy and maintenance
- Best spot quality, spot size 20 µm
- Polygon scanner with 6 facets for up to 120.000 scans/min
- Scanner with controlled active air bearing
- New effective compensated flatbed optic
- Specialised linear drives for plate transportation
- Remote control via network
- Small design and footprint
- Auto cross- and in-scan, with auto-adjustment
- Reports to all common MIS systems as txt or xml files



## V M A X modular concept upgrade easy - „plug and play“

### V M A X semi automatic unit

Performance from 100 up to 250 single plates / hour.



### V M A X autolader unit



### V M A X fully automatic unit

Performance from 100 up to 400 single plates / hour.



Performance @ 1270 dpi

- Best image quality and repeatability

## **V<sub>MAX</sub> semi** **start up easy** and upgrade later

### **Manual loading solution**

- Online connection to processor as standard
- Electronical interface to all available processors
- Same exposer performance like the automatic devices
- Autopositioning and transport to exposing area for an easy loading
- Intuitive GUI informs operator about required plate format
- Format variable from plate to plate without operator settings
- Open design for an effective plate handling
- In speed and automation upgradeable



- Lowest cost of ownership and reliability

## **V M A X**

up to **400 plates @ 1270 dpi**

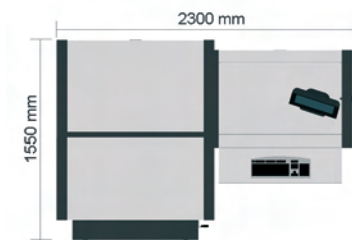
### **Flatbed for high speed inline production**

- Designed and proofed for man less production
- Highest productivity, up to 400 single plates / h, 1270 dpi
- Lowest power consumption per exposed plate
- Up to 2000 plates in access for less operator activities
- Double loading capability with built in redundancy
- Handling of different plate formats
- Optional single and panorama plates online
- Left right version available for effective room layouts



# DotLine V *MAX* - specifications

Exposure System	Flatbed with violet laser and multi facets optic
Plates supported	Violet sensitive, silver and 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, online to processor
Plate quantity	up to 1000 plates in access, opt. 2000
Plate output	100 - 400 plates / h, single plates, 1270 dpi
Technical data	
Laser source	violet 405 nm
Laser power	120 mW
Scan length max.	635 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	max 40 mm/sec
Min plate size	300 X 500 mm
Max. plate size	635 X 910 mm
Max. imaging area	635 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 2000 W
Air dry, clean, oil free	min 6,0 bar
Weight approx.	800 kg
Dimension L x W x H	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	daylight, yellow save light for plate loading in trolley
*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 - 12**  
**Fax: +49 (0)521 238312 - 10**

