

	1152	1154	1552	1652
Exposes UV-sensitive offset printing plates	■	■	■	■
Flatbed system with vacuum table	■	■	■	■
Variable register system configuration	■	■	■	■
2 exposure head	■	■	■	■
Semi-automatic plate handling system		■		
Exposure speed with 8 DSI <sup>3</sup> modules on 1100 x 1600 (43 x 63") mm measured in plates/h* (approximately)	14	14	14	14
Exposure speed with 10 DSI <sup>3</sup> modules on 1100 x 1600 (43 x 63") mm measured in plates/h* (approximately)	16	16	16	16
Screen rulings in lpi	up to 200 (frontend-dependent higher screens possible)			
Maximum material format in mm	1375 x 2050, optional 1450 x 2100 (54 x 81", optional 57 x 83")		1535 x 2100 (60 x 83")	1535 x 3170 (60 x 125")
Material thickness	von 0.15 bis 0.5 mm (from 6 til 20 mil)			
Wave length	405 nm			
Dimensions of exposure unit (W x D x H) in mm	3530 x 2360 x 1500 (139 x 93 x 59")	6230 x 2360 x 1500 (245 x 93 x 59")	4590 x 2500 x 1500 (181 x 98 x 59")	
Dimensions of control unit (W x D x H) in mm	900 x 760 x 1230 (35 x 30 x 48")			
Weight (incl. control unit) in kg	5420 (11950 lb)	6820 (15040 lb)	6720 (14820 lb)	6720 (14820 lb)
Operating temperature	18–24 °C (65–75 °F)			
Relative humidity	20–80 %, not condensing			
Connected load in kW	5/6			
Electrical connection	3 x 400 V, 3 Ph, N, PE, 50/60 Hz, 3 x 16 A			

\*measured with KPG Winner Gold

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New: DSI<sup>3</sup> the speed you need

**DSI<sup>3</sup>**  
the speed you need

Beyond graphic excellence

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Punch Graphix provides innovative, competitive and environmental friendly imaging and printing solutions for the global graphics industry. Under the Xeikon brand name, Punch Graphix designs, develops and delivers high-end digital colour printing systems, software and consumables for the commercial, document printing and industrial markets. Under the basysPrint brand, Punch Graphix designs, develops and delivers mid to high-end imaging systems for offset prepress commercial markets. Punch Graphix leverages successful graphic technology towards a higher level of maturity and performance to help its customers have an edge over the competition. With a clear-minded focus on R&D, Punch Graphix is solely dedicated to customer satisfaction and aims to deliver cost-effective graphic excellence that goes beyond all expectations.

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## More Light equals Higher Speed: DSI<sup>3</sup> Adapts to Your Increasing Requirements

**NEW**

### New Technology for Higher Speed

The key to an increased light exposure speed of UV plates with DSI<sup>3</sup> (Digital Screen Imaging) lies in the combination of violet diodes and the proven basysPrint exposure head technology. In contrast to the other CtP systems, Punch Graphix uses the luminous power of several diodes which are installed on the outside of the exposure head. A light compensator collects the energy which is then channeled through optical fibers onto the DMD. This process combines the high precision of DSI<sup>2</sup> with up to double the exposure speeds.

### Modular Construction for a Bright Future

The UV-Setter can be adapted exactly to your speed requirements using a predefined number of light modules with DSI<sup>3</sup>. Once you've decided on DSI<sup>3</sup>, you can expand your UV-Setter at a later date by up to ten light modules. This service can also be done on site.

### DSI<sup>3</sup> for UV-sensitive Printing Plates

DSI<sup>3</sup> is offered in addition to DSI<sup>2</sup> for all plate setters in the series 11 (max. 1375 x 2050 mm), 15 (max. 1535 x 2100 mm), and 16 (max. 1535 x 3170 mm). The UV-Setters are available in manual and semiautomatic models. Nearly all UV-sensitive offset printing plates can be exposed using this technology.

### More Efficiency for Large Formats

The need for large-format printing plates is growing. Until recently, Very Large Format Printing (VLF) mostly meant Very Long Exposure Times. DSI<sup>3</sup> allows for an increase in up to double the exposure speed. Thanks to the well-known short developing process of UV-sensitive printing plates, you save a great deal of time and money with the VLF setters in the series 11, 15, and 16! In addition, the light modules are virtually maintenance free.

#### Exposure speed

