PlateWriter

GLUNZ & JENSEN

work positive

AFFORDABLE.
EASY TO USE.
GREEN CHOICE.

Affordable Digital CtP solutions • Setting new standards in cost, flexibility and speed, the Glunz & Jensen PlateWriter™ Series produce digital CtP plates in daylight and without the use of chemicals. The digitally accurate registration and high quality imaging produces a plate which provides many of the benefits of digital imaging, while delivering a conventional offset plate. Conventional offset printing allows you to increase your profits by reducing your running costs when printing jobs over 500 impressions.

Low Maintenance • Digital plate making provides many advantages, and because the PlateWriter™ Series image in daylight and need no processing chemistry, they eliminate any mess or fuss. No more need to maintain or clean chemical processors.

Low consumption benefits the environment • The PlateWriter™ has the lowest energy usage and heat output in its class. This has a positive effect on your company's energy balance and eliminates the need for additional air conditioning. In addition, the PlateWriter™ requires no water supply and minimal electricity, providing substantial long term cost savings, while being environmentally friendly.

PlateWriter™ 2500

Suitable for spot and CMYK colour jobs for small or low volume printers who make 100 to 300 plates per month. Compatible with 2-up and 4-up press formats up to 550 x 650 mm.

PlateWriter™ 3000

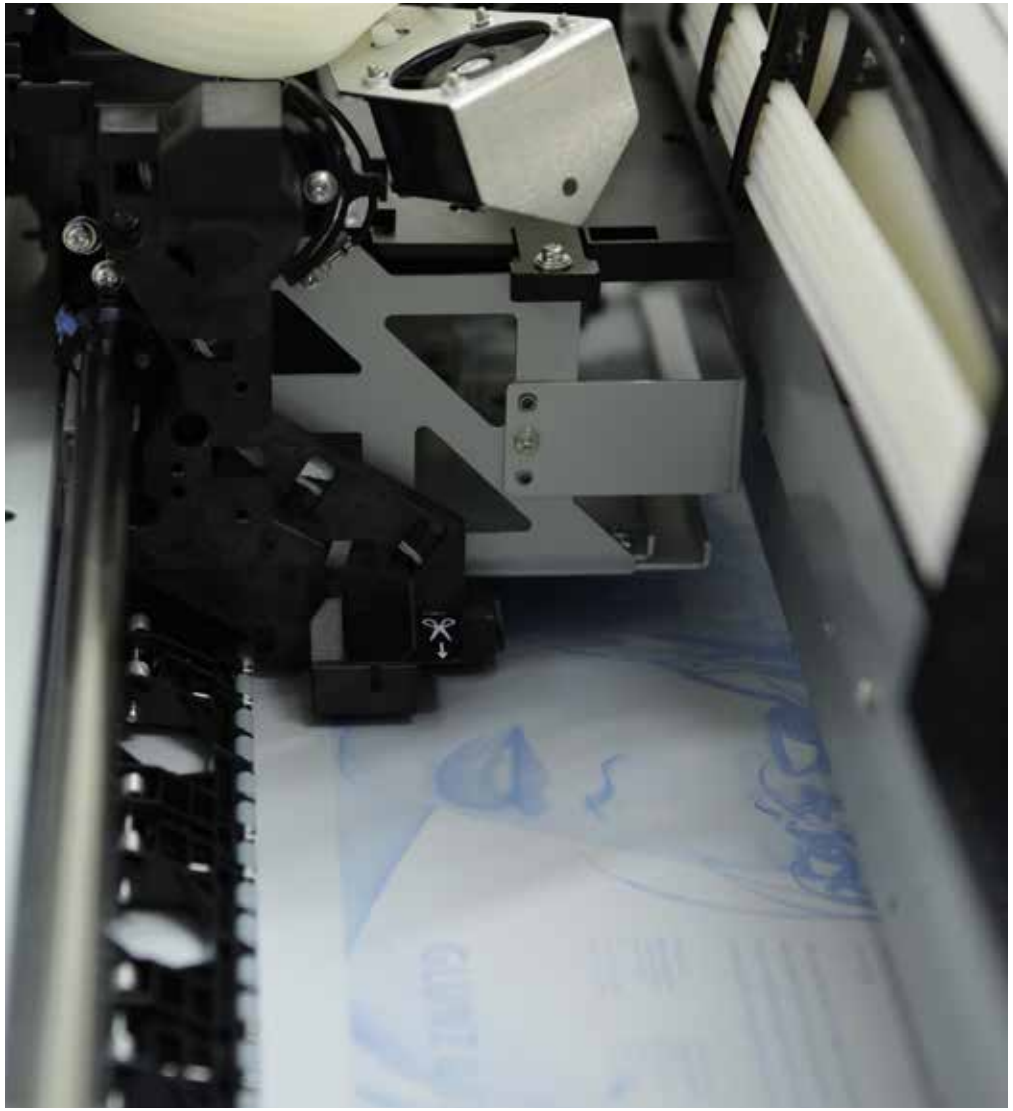
Professional model with higher productivity, more formats and advanced conductive registration. Ideal for commercial printers using 200-1000 plates/month. Compatible with 2-up and 4-up press formats up to 650 x 935 mm.

PlateWriter™ 8000

Enhanced format model with landscape plate loading for an even higher throughput. Suitable for commercial printers and some book printing. Compatible with 2-up, 4-up and 8-up press formats up to 1130 x 1090 mm.

Supplied with an industry standard Harlequin RIP on a powerful PC platform ready to accept jobs from Mac or PC.

Simple, clean operation with no mess and no fuss. Advanced inkjet technology means you only handle cartridges.



Semi-automated plate loading mechanism uses optical sensors to deliver digitally accurate plates.

Plates have no light or thermally sensitive coatings meaning they can be imaged in normal daylight.

Inkjet technology is used to apply a Liquid Dot™ image to non-photosensitive, conventionally grained aluminium plates.

The PlateWriter™ delivers standard metal plates for your press which require no pressroom changes.

The imaged plates are manually fed through an integrated finishing unit which dries the plates and bonds the liquid dots to the plate surface.

		PlateWriter™ 2500		PlateWriter™ 3000	PlateWriter™ 8000
MODEL		Standard	Optional	Professional	Professional
IMAGING					
Market position		Low volume and speed		Medium volume and speed	Medium to high volume and speed
Imaging technology		10 x 360 Ultra high definition imaging array (3600 dual density nozzles delivering up to 2880 dpi)		10 x 360 Ultra high definition imaging array (3600 dual density nozzles delivering up to 2880 dpi)	
Imaging resolution		1440 x 1440 dpi or 2880 x 2880 dpi		1440 x 1440 dpi or 2880 x 2880 dpi	1440 x 1440 dpi or 2880 x 2880 dpi
Imaging fluid		Patented aqueous Liquid Dot™ technology		Patented aqueous Liquid Dot™ technology	Patented aqueous Liquid Dot™ technology
Plate types		Standard aluminium iPlates		Standard aluminium iPlates	Standard aluminium iPlates
Plate thickness		0.15-0.3 mm (0.006-0.012")		0.15-0.3 mm (0.006-0.012")	0.15-0.3 mm (0.006-0.012")
Plate width		210-550 mm (8.3-21.7")	210-625 mm (8.3-24.6")	210-650 mm (8.3-25.6")	330-1130 mm (13.0-44.5")
Plate length		274-650 mm (10.8-25.6")	274-925 mm (10.8-36.4")	274-935 mm (10.8-36.8")	450-1090 mm (17.7-42.9")
Max imaging size (WxL)		544 x 633 mm (21.4 x 24.9")	609 x 896 mm (24.0 x 35.3")	609 x 896 mm (24.0 x 35.3")	1112 x 1073 mm (43.8 x 42.2")
Plate registration		Low friction, bearing mounted sidebar register	Professional front and side pin bar register with conductive registration	Professional front and side pin bar register with conductive registration and semi-automated loading	Professional landscape pin bar register system with conductive registration, and optical plate loading
Imaging speed (by plate size)	400 x 511 mm / 15.7 x 20.1" 550 x 650 mm / 21.7 x 25.6" 605 x 745 mm / 23.8 x 29.3" 1030 x 770 mm / 40.6 x 30.3"	5:43 min/plate 8:45 min/plate N/A N/A	3:33 min/plate 6:50 min/plate 7:45 min/plate N/A	3:33 min/plate 6:50 min/plate 7:45 min/plate N/A	4:20 min/plate 5:59 min/plate 6:57 min/plate 10:45 min/plate
GREEN CREDENTIALS					
Chemistry consumption		None (aqueous inkjet system)		None (aqueous inkjet system)	None (aqueous inkjet system)
Water consumption		None required		None required	None required
Power consumption (stand-by)		0.06 kW (200 BTU/hour)		0.06 kW (200 BTU/hour)	0.06 kW (200 BTU/hour)
Power consumption (average)		0.5 kW (1,800 BTU/hour) based on 250 plates/month		0.8 kW (2,730 BTU/hour) based on 400 plates/month	1.1 kW (3,870 BTU/hour) based on 500 plates/month
GENERAL					
Dimensions (LxWxH)		1950 x 1360 x 1338 mm (76.8 x 53.5 x 52.7")		2765 x 1360 x 1338 mm (108.9 x 53.5 x 52.7")	3098 x 1884 x 1361 mm (122.0 x 74.2 x 53.6")
Weight		185 kg (408 lbs)		196 kg (432 lbs)	415 kg (915 lbs)

Glunz & Jensen A/S
Selandia Park 1
DK-4100 Ringsted, Denmark
+45 5768 8181
gj@glunz-jensen.com

Glunz & Jensen, Inc.
12633 Industrial Drive
Granger, IN 46530, USA
+1 574 272 9950
gj-americas@glunz-jensen.com

Glunz & Jensen Asia
Suzhou, 215129, P.R. China
+852 9230 2919 (HK)
+86 186 1199 2587 (CH)
gj-asia@glunz-jensen.com

Part no. 10066386B 08/12

GLUNZ & JENSEN

www.platewriter.com