PlateWriter

GLUNZ & JENSEN

work positive

AFFORDABLE.
EASY TO USE.
GREEN CHOICE.

Space-saving & affordable • The PlateWriter™ is an affordable, metal Computer-to-Plate system which produces press-ready aluminium plates for small newspaper applications or commercial printers with daylight operation and without the use of chemical processing. This small foot-print CtP solution is completely self-contained and its chemical free approach means no additional equipment (such as chemical processors or washout units) are required.

Digital & semi-automated • The PlateWriter™ produces digital CtP plates, which deliver accurate registration and high quality. In addition, the semi-automated plate registration system provides a versatile plate handling approach so multiple plate sizes and gauges can be used in parallel, with no changes. This makes the Glunz & Jensen PlateWriter™ suitable for commercial printers or smaller newspaper printers with one or more printing presses.

Inkjet technology delivers plates without chemistry • The PlateWriter™ applies a Liquid Dot™ image on to non-photosensitive aluminium printing plates. The imaged plates are manually fed through an integrated finishing unit that dries the plates and bonds the liquid dots to the plate surface, making them capable of printing up to 50,000 impressions on press.

Benefits the environment • The PlateWriter™ has the lowest energy usage in its class and it eliminates water usage, chemicals and disposal costs. The Plate-Writer™ provides substantial long term cost savings, while being environmentally friendly.

PlateWriter™ 2000

Suitable for spot and CMYK colour jobs for small or low volume printers who make 100 to 500 plates per month. Compatible with 2-up press formats up to 459 x 525 mm.

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PlateWriter™ 3000

Professional model with higher productivity, more formats and advanced conductive registration. Ideal for commercial printers and small newspapers using 200-1000 plates/month. Compatible with 2-up and 4-up press formats up to 625 x 915 mm.
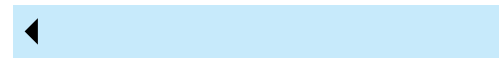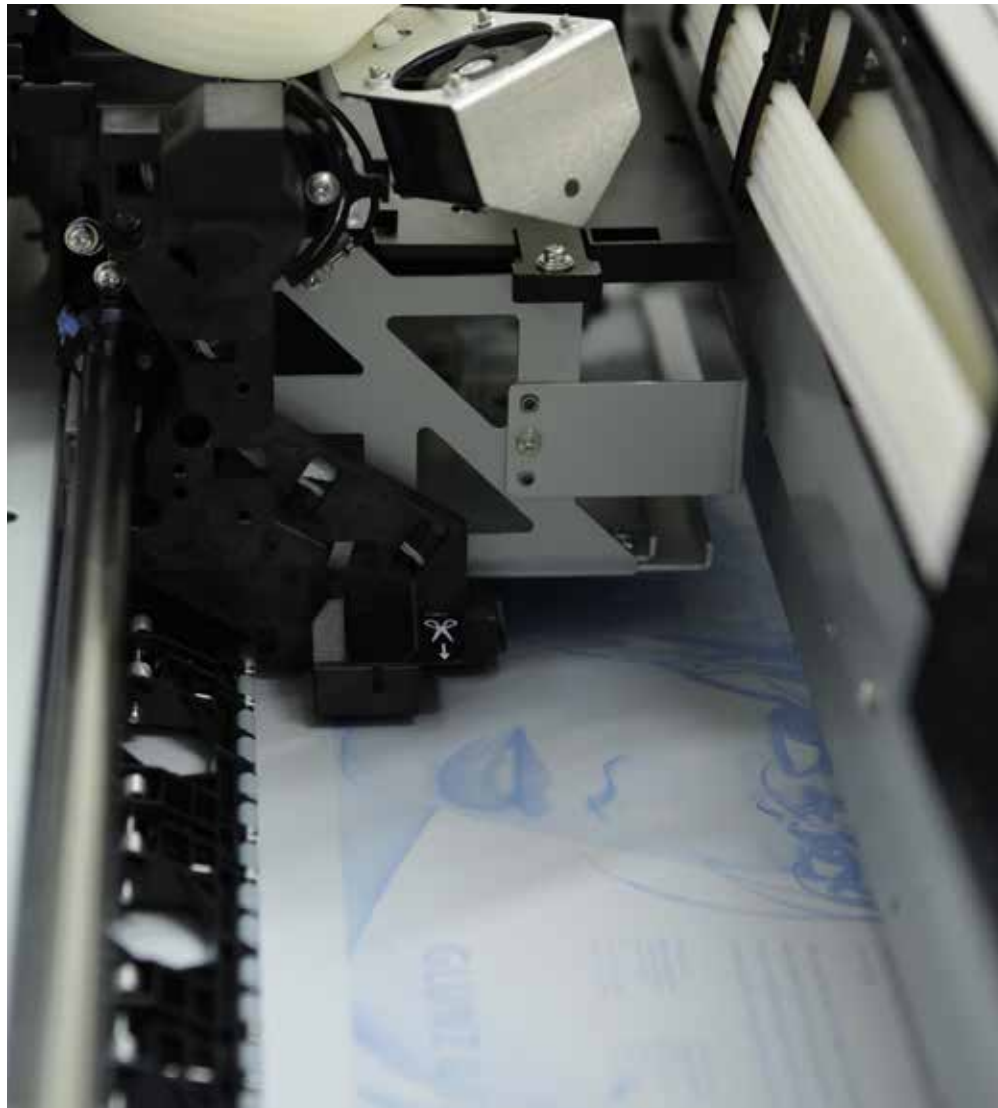
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PlateWriter™ 8000

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

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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.

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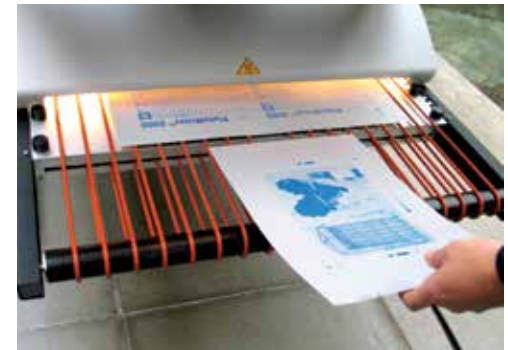

The PlateWriter™ delivers standard metal plates for your press which requires no pressroom changes.

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

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

	PlateWriter™ 2000	PlateWriter™ 3000	PlateWriter™ 8000
MODEL	Standard	Professional	Professional
IMAGING			
Market position	Low volume and speed	Medium volume and speed	Medium to high volume and speed
Imaging technology	8 x 180 Ultra high definition imaging array (1440 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
Screening	FM	AM and FM	AM and FM
Imaging fluid	Patented aqueous Liquid Dot™ technology	Patented aqueous Liquid Dot™ technology	Patented aqueous Liquid Dot™ technology
Plate thickness	0.15-0.2 mm (0.006-0.0,008")	0.15-0.3 mm (0.006-0.012")	0.15-0.3 mm (0.006-0.012")
Plate types	Standard aluminium iPlates	Standard aluminium iPlates	Standard aluminium iPlates
Plate width	Max 549 mm (18")	210-625 mm (8.3-24.6")	330-1130 mm (13.0-44.5")
Plate length	274-610 mm (10.8-24")	274-915 mm (10.8-36.0")	450-1090 mm (17.7-42.9")
Max imaging size (W x L)	432 x 593 mm (17 x 23.3")	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 and and optical plate 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"	8:32 min/plate	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			
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)	0.4 kW (1,445 BTU/hour) based on 200 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)	1942 x 884 x 1182 mm (76.4 x 34.8 x 46.5")	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	165 kg (363 lbs)	185 kg (408 lbs)	415 kg (915 lbs)

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