

work

PlateWriter

ictp
PlateWriter
3600

 **GLUNZ & JENSEN**

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 more than 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 PlateWriter™ provides substantial long term cost savings, while being environmentally friendly.

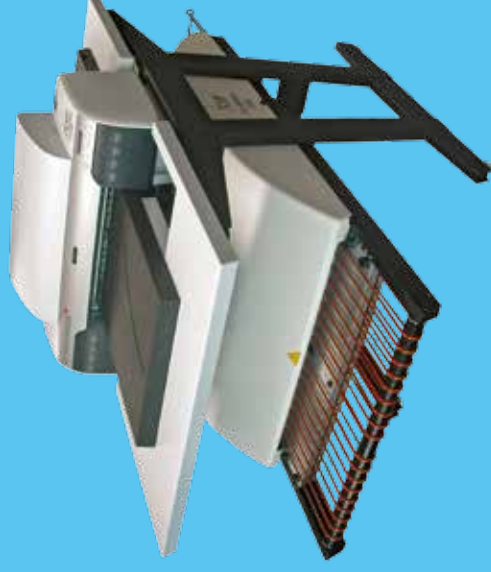
PlateWriter™ 3600 Pro

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 914 x 1140 mm.



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 610 mm.





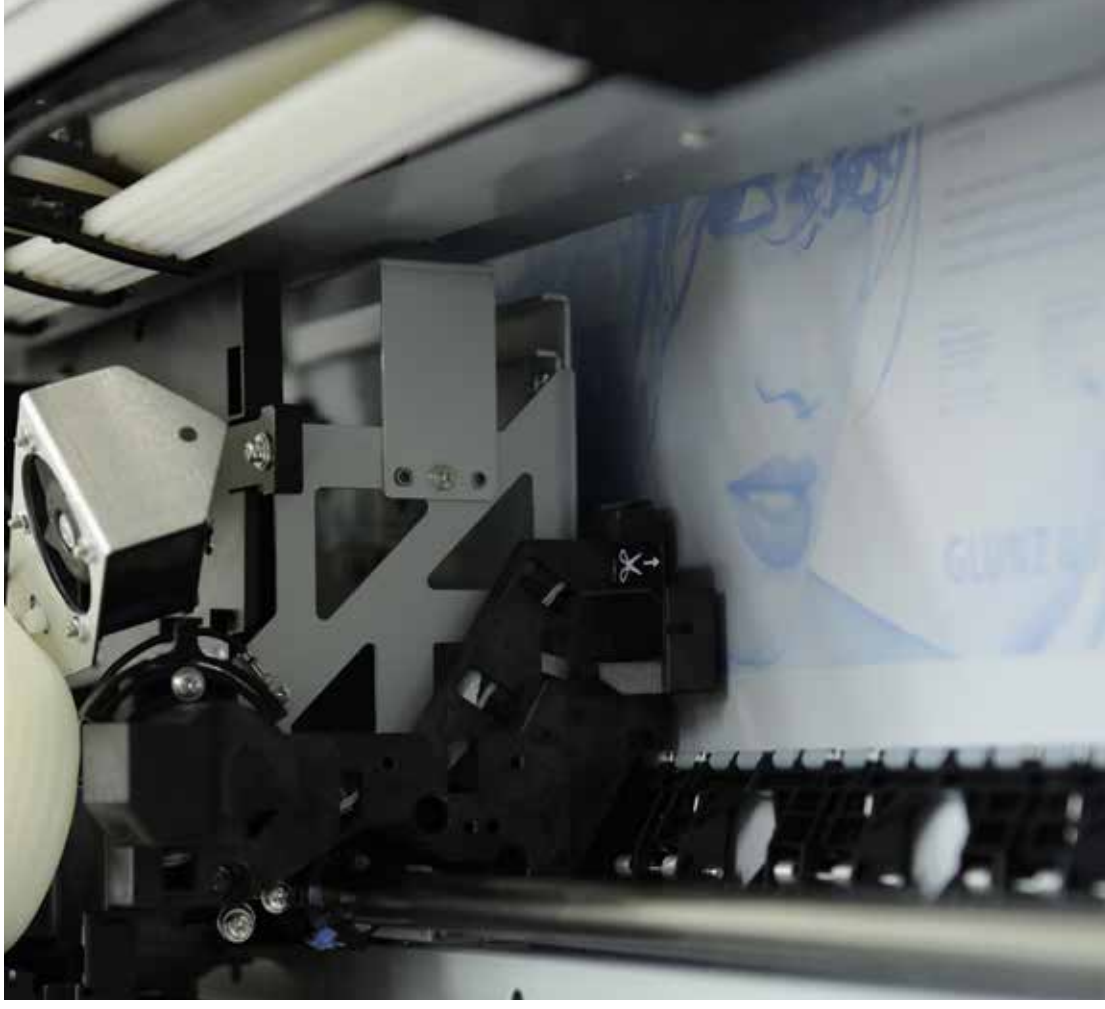
Supplied with an industry standard Harlequin RIP on a powerful PC platform ready to accept jobs from Mac or PC.

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 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.



	PlateWriter™ 2000	PlateWriter™ 3600 Pro
MODEL	Standard	Professional
IMAGING		
Market position	Low 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
Screening	FM	AM and FM
Imaging fluid	Solvent Liquid Dot™ technology	Solvent Liquid Dot™ technology
Plate thickness	0.15-0.2 mm (0.006-0.0,008")	0.15-0.3 mm (0.006-0.012")
Plate types	Standard aluminium iPlates	Standard aluminium iPlates
Plate width	Max 549 mm (18")	210-914 mm (8.3-36")
Plate length	274-610 mm (10.8-24")	311-1140 mm (9.5-44.9")
Max imaging size (W x L)	432 x 593 mm (17 x 23.3")	909 x 1123 mm (35.8 x 44.2")
Plate registration	Low friction, bearing mounted sidebar register	Professional front pin bar register 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"	2.53 min/plate 5.10 min/plate 6.05 min/plate
GREEN CREDENTIALS		
Water consumption	None required	None required
Power consumption (stand-by)	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	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")	N/A

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