

iCtP™

PlateWriter™ 2400

MORE SIZES
MORE FORMATS
MORE VERSATILE



The PlateWriter™ 2400 is an addition to Glunz & Jensen's acclaimed iCtP range of Computer-to-Plate systems, which produces press-ready aluminum plates without the use of chemical processing.

The PlateWriter™ 2400's inkjet Computer-to-Plate system uses an innovative technology that sets new standards in the cost, flexibility and speed of offset printing for small to medium format printers.

The PlateWriter™ jets a patented Liquid Dot™ chemical solution on to nonphotosensitive aluminum printing plates. The imaged plates are manually fed through a plate-finishing unit that dries the plates and bonds the liquid dots to the plate surface. The platefinishing unit has a built-in gumming station to finish the plates and protect them from damage before going to press.



The PlateWriter™ 2400 features a convenient plate alignment system to ensure accurate registration and transport through the imaging engine.



PlateWriter™ images using advanced inkjet technology, eliminating any messy chemistry changes.



The PlateWriter™ 2400 is powered by the industry standard Harlequin Postscript RIP. The Harlequin RIP accepts jobs from Mac or PC in Postscript, PDF, EPS, TIFF & JPEG formats - handling your job, ripping it and outputting it directly to the PlateWriter™.



Easy to use – The conventionally grained aluminum plates are imaged in front of your eyes. The PlateWriter™ operates in normal daylight conditions and the plates require no pressroom changes, plate clamping or press chemistries.



Imaged plates must be fed through the Finishing Unit, located below the Print Engine, to finish the plates by drying and bonding the liquid dots to the plate surface. The Finishing Unit includes a built-in gumming station to apply a protective gum layer.

GLUNZ & JENSEN 

PLATESETTING • ICTP



PlateWriter™ 2400

PRELIMINARY

The Glunz & Jensen PlateWriter 2400™ makes CTP as easy to use as your desktop printer.

- No need for skilled operators to use or maintain it
- No special light requirements
- No chemicals and no need for processing
- Longer, wider and thicker plate capacity than the PlateWriter™ 2000
- More sizes and formats - up to 609 x 767 mm (24.0 x 30.2") imaging size
- Longer run length of 50,000 impressions per plate
- Environmentally friendly



Technical specifications

Imaging device	1440 nozzle, delivering ultra high definition 2880 dpi
Imaging fluid	Patented Liquid Dot™ technology
Plate type	Uncoated grained and anodized aluminum plate, optimized for iCtP™ (All 1 and 2-up formats)
Plate thickness	Aluminum 0.15 - 0.30 mm (0.006 - 0.012")
Plate width	203 - 619 mm (8.0 - 24.4")
Plate length	279 - 785 mm (11.0 - 30.9")
Max imaging size (W x L)	609 x 767 mm (24.0 x 30.2")
Plate finishing	Automated integral gumming system
Imaging resolution	1440 x 1440 dpi or 2800 x 2800 dpi
Imaging speed	6 B3 plates/hour @ max resolution
Run length	50,000 impressions
Through-put	Dependent on plate format and image coverage
RIP	Harlequin based RIP platform: 1GB RAM, 100 BaseT ethernet with connectivity to MAC and PC environments
Screening	Stochastic screening, optimized for iCtP™ ensuring moiré free prints
Power supply	100 to 230 VAC, 50/60 Hz
Power consumption	Stand by: 0.3 kW Process: 3 kW
Operating environment	Temperature range 15 - 32°C (59 - 90°F); 20°C (68°F) or higher recommended
Humidity range	35 to 80% (no condensation)
Footprint (L x W x H)	1942 x 1178 x 1182 mm (76.4 x 46.4 x 46.5")
Weight	Crated: 271 kg (596 lbs) Non crated: 175 kg (386 lbs)
Standard equipment	PlateWriter high definition Inkjet Print Engine, finishing unit including baking, gumming and dryer system, feed and delivery table, stand for PlateWriter 2400, RIP workstation with Mac and PC connectivity, Harlequin based Xitron RIP with iScreening technology, basic colour proofing support for Epson 4800/4880, 7800/7880, 9800/9880, and fluid start-up kit.

GLUNZ & JENSEN

Headquarters:
Glunz & Jensen A/S
Haslevvej 13
DK-4100 Ringsted
Denmark
Tel. +45 57 68 81 81
Fax +45 57 68 83 40
E-mail: gjhq@glunz-jensen.com
Internet: www.glunz-jensen.com

USA Operations:
Glunz & Jensen, Inc.
21405 Business Court
Elkwood, VA 22718-1757
USA
Tel. +1 540 825-7300
Fax +1 540 825-7525
E-mail: usva@glunz-jensen.com