



# PlateWriter™ 2500

**MORE SIZES  
MORE FORMATS  
MORE VERSATILE**



Joining our second and third generations of iCtP™ systems, the PlateWriter™ 2500 is positioned as a mid-range unit, supporting a wider range of plate sizes and formats than the PlateWriter™ 2000. Like the entire range of PlateWriter™ systems, it delivers press ready aluminum plates without the use of chemical processing, for a wider range of litho offset presses.

Setting new standards in the cost, flexibility and speed the PlateWriter™ 2500 delivers plates for all 2-up press and most 4-up presses by applying a patented Liquid Dot™ image on to non-photosensitive aluminum printing plates. The imaged plates are then manually fed through an integrated finishing unit that dries the plates and bonds the liquid dots to the plate surface.

The PlateWriter™'s semi-automated plate registration system provides a versatile plate handling approach. This means multiple plate sizes and gauges can be used with no changes. Of course the real advantage of iCtP™ is reduced time making plates, and the fact that the accurate digital plates reduce "time to fit" on press, not to mention the daylight operation and chemistry free approach which makes iCtP™ the ideal low maintenance plate making solution.

In addition, there are several possible upgrade options available for the PlateWriter™ 2500 to increase the maximum plate sizes, increase the imaging speed and upgrade the registration mechanisms.



The PlateWriter™ 2500 is powered by the industry standard Harlequin Postscript RIP. Accepting jobs from Mac or PC in Postscript, PDF, EPS, TIFF & JPEG formats - handling your job, ripping it and outputting it directly to the PlateWriter™.



The PlateWriter™ 2500 features a semi-automatic plate alignment system to ensure accurate registration and transport through the imaging engine.



The PlateWriter™ images in daylight and needs no processing chemistry as it uses advanced inkjet technology to add the image to your plate, eliminating any mess or fuss.



Easy to use - Imaging in front of your eyes on to non-photosensitive conventionally grained aluminum plates, the PlateWriter™ delivers a standard metal plate for your pressroom that requires no pressroom changes.



Imaged plates are fed through the integrated Finishing Unit, located below the Print Engine. This finishes 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.

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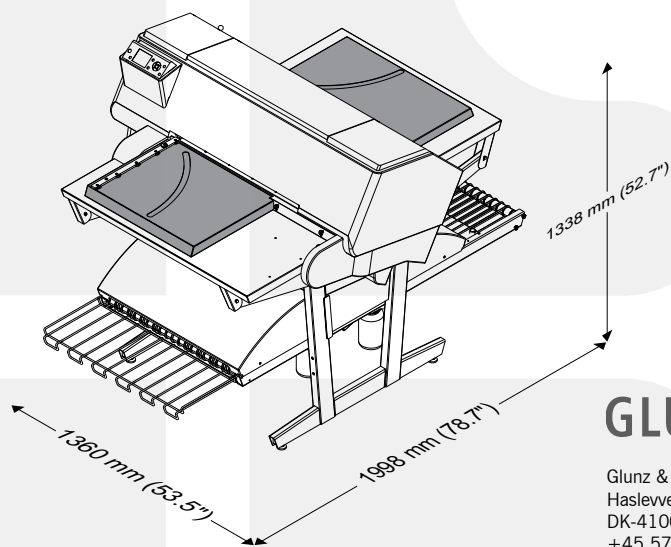
# iCtP™ PlateWriter™ 2500



## Technical specifications

|                              | Standard features   | Optional upgrades  |
|------------------------------|---|--|
| Imaging device               | 10 x 360 Ultra high definition imaging array<br>(3600 dual density nozzles delivering up to 2880 dpi )  |  |
| Imaging fluid                | Patented Liquid Dot™ technology   |  |
| Plate type                   | Uncoated grained and anodized aluminum plate, optimized for iCtP™ (All 1 and 2-up and a few 4-up formats)   |  |
| Plate thickness              | Aluminum 0.15-0.30 mm (6, 8 and 12 gauge)   |  |
| Max plate size (W x L)       | 550 x 650 mm (21.7 x 25.6")   | 650 x 935 mm (25.6 x 36") (incl. extended exit table and RIP code; requires registration upgrade)  |
| Max imaging size (W x L)     | 544 x 633 mm (21.4 x 24.9")   | 609 x 896 mm (24.0 x 35.26")   |
| Plate registration           | Standard manual sidebar register  | Professional front and side pin bar register with conductive registration and enhanced input table |
| Plate finishing              | Automated integral gumming system   |  |
| Imaging resolution           | 1440 x 1440 dpi or 2880 x 2880 dpi  |  |
| Imaging speed                | 5:43 min/plate (400 x 511 mm / 15.7 x 20.1")<br>8:45 min/plate (550 x 650 mm / 21.7 x 25.6")  | 3:33 min/plate (400 x 511 mm / 15.7 x 20.1")<br>6:50 min/plate (550 x 650 mm / 21.7 x 25.6")       |
| Run length                   | 50,000 impressions  |  |
| RIP                          | Harlequin based RIP platform: 2 GB 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) | Imaging unit: 3.4 BTU/h   | Finisher and ink dryer: 170 BTU/h  |
| Power consumption (operate)  | Imaging unit: 240 BTU/h   | Finisher and ink dryer: 7100 BTU/h   |
| Operating environment        | Temperature range 20-24°C (68-75°F)   |  |
| Humidity range               | 40-80% (no condensation)  |  |
| Footprint (LxWxH)            | 1998 x 1360 x 1338 mm (78.7 x 53.5 x 52.7")   |  |
| Weight                       | 185 kg (408 lbs)  |  |
| Approvals                    | UL, c-UL, FCC, CE, CB   |  |
| Standard equipment           | PlateWriter high definition Inkjet Print Engine, finishing unit including baking, gumming and dryer system, feed and delivery table, stand for PlateWriter 2500, RIP workstation with Mac and PC connectivity, Harlequin based Xitron RIP with iScreening technology, basic colour proofing support for Epson 4880/4900, 7880/7890, 9880, and fluid start-up kit. |  |

NB: This brochure was printed with plates created on a PlateWriter™ system.



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