

Think new, go further



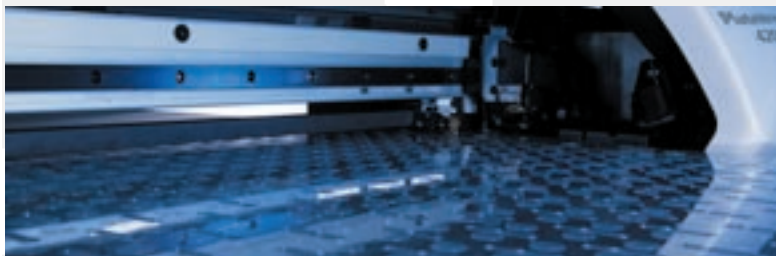
The PlateWriter™ 4200 is the industry's first inkjet Computer-to-Plate system capable of producing press-ready aluminum plates without the use of chemical processing. The PlateWriter™ 4200 inkjet computer-to-plate system is an innovative technology that sets new standards in the cost, flexibility and speed of offset printing for small to medium format printing.

The PlateWriter™ jets a patented Liquid Dot™ chemical solution onto non-photosensitive 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 plate-finishing unit has a built-in gumming station to finish the plates and protect them from damage before going to press.

Advantages of iCtP Technology:

The PlateWriter™ 4200 System offers significant benefits to the smaller and medium format printers.

- **Reduces plate production costs** – eliminates chemical processing operation and maintenance costs; reduced press make-ready time
- **Affordable** – the PlateWriter™ 4200 costs significantly less than current laser based plate imaging systems
- **East to use** – operates in normal daylight conditions; no pressroom changes required to plate clamping or press chemistries
- **Environmentally friendly** – no disposal of processing chemicals into waste stream
- **High quality output** – the PlateWriter™ screening is FM or Stochastic screening is optimised for iCtP for moiré free prints
- **Color proofing** – the customized Xitron RIP also supports a wide range of Epson color proofing systems
- **Flexibility** - Easily integrates into standard plate workflow; capable of imaging any plate size in 2- or 4-up formats, and a wide range of thicknesses from .005" to .012" (0,13 - 0,3 mm).



PlateWriter™ 4200 is designed and manufactured to be robust and flexible to ensure a long product life.



Easy to use – Operates in normal daylight conditions; no pressroom changes required to 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.



The PlateWriter™ 4200 features an easy plate alignment guide to ensure superior registration and transport through the imaging engine.

Technical specifications: PlateWriter™ 4200

Weight:	200kg (441lbs)
Footprint:	Length – 2425mm (7'10") Width – 1725mm (5'7") Height - 1250mm (4'10")
Power supply:	100 to 230VAC, 50/60Hz
Power consumption:	stand by: 0,3kW- process: 3kW
Imaging device:	540 nozzle, Ultra high definition printer
Imaging fluid:	Patented "Liquid Dot" technology
Image quality:	User selectable fast, high quality and super high definition modes
Screening:	Stochastic screening, optimized for iCtP for moiré free prints
Speed:	User selectable 5-15 plates/h, resolution dependent
Operating temperature range:	Temperature range 15 to 32°C (59 to 90°F) 20°C (68°F) or more recommended
Humidity range:	35 to 80% (no condensation)
Plate type:	Uncoated grained & anodized aluminum plate, optimized for iCtP
Plate thickness:	Aluminum 0,15 / 0,20 / 0,30mm (0.006 / 0.008 / 0.012")
Plate dimensions:	All 1- to 4-up formats
RIP:	Harlequin based RIP platform: 1GB RAM, 100 Base T ethernet with connectivity to MAC & PC environments
Plate processing:	Not required
Processing chemicals:	Not required
Plate finishing:	Automated integral gumming system
Format size:	Max. width 710mm (28"), max length 910mm (36")
Special lightning:	Not required - Day Light safe



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