PlateWriter
Infuse

AFFORDABLE.
EASY TO USE.
GREEN CHOICE.

Space-saving & affordable • The PlateWriter™ Infuse is an affordable, metal Computer-to-Plate system which produces press-ready aluminium plates for small to mid-size commercial print applications, 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 • High quality digital CtP plates with accurate registration are guarenteed with the PlateWriter™ Infuse. Its semi-automated plate registration system provides a versatile plate handling approach, so multiple plate sizes and gauges can be used interchangably. This makes the Glunz & Jensen PlateWriter™ Infuse suitable for both commercial printers and smaller newspaper printers with one or more printing presses.

Inkjet technology delivers plates without chemistry • A water-based Liquid Dot™ image is applied to non-photosensitive aluminium printing plates. The imaged plates are manually fed through an integrated finishing unit which dries the plates and bonds the Liquid Dot™ to the plate surface, making CtP plates capable of printing more than 50,000 impressions.

The sustainable choice • PlateWriter™ Infuse has the lowest energy usage in its class and it eliminates water usage, chemicals and disposal costs. In fact, you can now refurbish your old PlateWriter to a new PlateWriter™ Infuse with an Infuse-kit – renew your PlateWriter and reduce waste!

PlateWriter™ Infuse ▶

A fusion of proven function, features and flexibility from earlier PlateWriter™ models, reimagined with modular functionality. Suitable for commercial printers, small and medium newspapers, and some book printing. PlarteWriter Infuse is compatible with 2-up and 4-up press formats up to 650 x 914 mm.
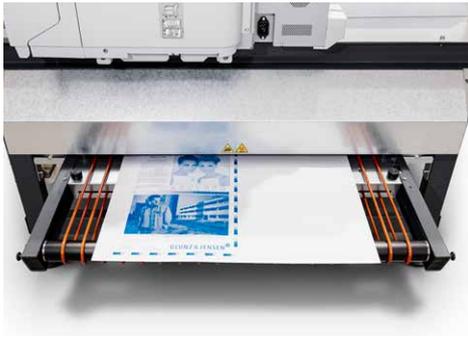
PlateWriter Infuse XL can be used for 8-up presses in formats up to 800 x 1050 mm.
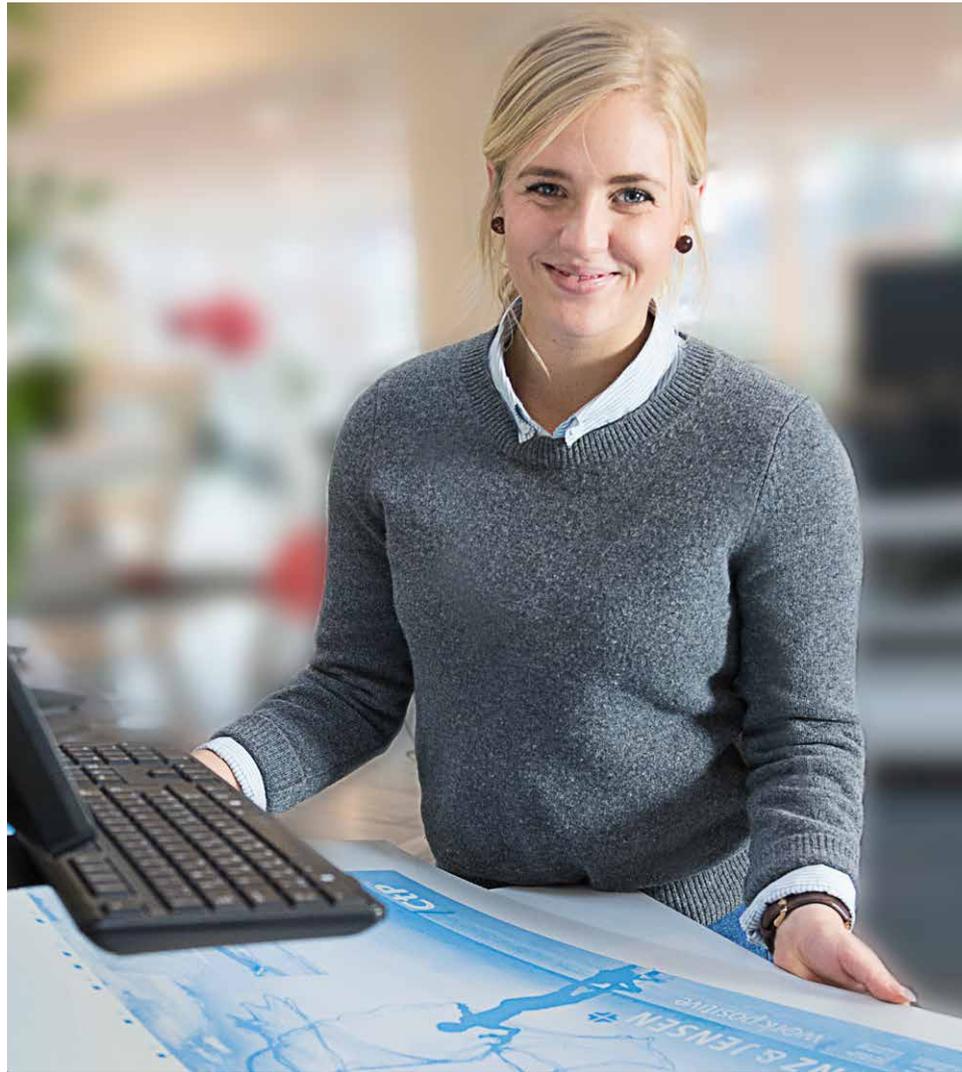
Infuse-kit ▶

Infuse your current iCtP™ machine with new life! Upgrade any PlateWriter™ 2000/2400/3000 or NewsWriter™ model to a PlateWriter Infuse in one day – renew your prepress and reduce waste. Simply move your current computer and finishing unit to the ready-built Infuse-kit and you are ready to go!

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

Simple, clean operation with no mess and no fuss. Advanced inkjet technology means you only handle cartridges.

Plates have no light sensitive coating meaning they can be handled and imaged in normal daylight.

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

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

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

The PlateWriter™ has a semi-automated plate loading system with optical sensors to deliver digitally accurate plates.

iCtP™ CONSUMABLES

iCtP™ consumables are designed to work together to create the sharpest and most robust image possible when using inkjet technology to make offset printing plates.

Liquid Dot is a patented, specially fomulated liquid oleophilic coating, which is applied directly onto the iPlate, creating a high definition image.

iPlates™ are specially designed, conventionally grained aluminum plates with no thermal or light sensitive coatings. They are available in both standard and custom size and in gauges from 0.15-0.30 mm.

i-Finisher protects the background of your plates. It is designed for use with the iCtP™ automated finising unit after imaging and can also be applied manually for protection of plates during storage.

iPlate Cleaner is a mild and fast acting cleaner which powers through dried ink and gum without damage to the image. It leaves a water receptive film on the non-image area, ensuring fast start-up.

Deletion pens allow you to make small corrections and remove minor flaws on your imaged plates, without having to re-image a new plate, saving you time and ressources.

	PlateWriter™ Infuse / Infuse XL
MODEL	Professional quality – Low price point
IMAGING	
Market position	Small and medium commercial printers and small newspapers
Imaging technology	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
Screening	AM
Imaging fluid	Water-based Liquid Dot™ technology
Plate thickness	0.15-0.3 mm (0.006-0.012")
Plate types	Standard aluminium iPlates
Plate width	210-650 mm (8.3-25.5") / XL up to 825 mm (32.5")
Plate length	311-914 mm (9.5-36") / XL up to 1050 mm (41.3")
Imaging margin (non-printable area)	3 mm (0.1") on the top (front end) and sides 14 mm (0.6") on the bottom (rear end)
Plate registration	Professional pin bar register with optical plate loading or manual loading lever, depending on options
Imaging speed	400 x 511 mm / 15.7 x 20.1" → 2:53-5:46 min/plate (quality dependent) 550 x 650 mm / 21.7 x 25.6" → 5:10-10:20 min/plate (quality dependent) 605 x 745 mm / 23.8 x 29.3" → 6:05-12:10 min/plate (quality dependent)
GREEN CREDENTIALS	
Water consumption	None required
Power consumption (stand-by)	0.06 kW (200 BTU/hour)
Power consumption (average)	1.1 kW (3,870 BTU/hour) based on 500 plates/month
GENERAL	
Dimensions crate (LxWxH)	2140 x 1480 x 1560 mm (84.3 x 58.3 x 61.5")
Weight crate	343 kg (758 lbs)
Options	Stands for monitor and keyboard Shelf for computer below input table

Note: Specifications are subject to changes without prior notice.

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developing more

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