

W+D Halm Platemate

Digital CTP system



The Halm Platemate is the second generation of the successful iCtP series. These computer-to-plate systems produce print-ready aluminum plates without using chemical processes.

The Halm Platemate sets new standards in cost flexibility and speed. It produces digital CtP plates that provide accurate register and high quality for small and medium format offset printers.

The Halm Platemate creates a patented Liquid Dot™ image on non-photosensitive aluminum printing plates. The imaged plates are manually fed into the integrated finishing unit, which dries the plates and binds the liquid dots to the plate surface.

The finishing unit includes a rubber station to prepare plates for storage or immediate use on the press. Its daylight operation and chemical-free approach make iCtP the ideal, low-maintenance CtP solution.



Easy to change – Inkjet cartridges



Eight high-resolution inkjet print heads

Performance specifications

- / 1,400 x 1,400 dpi or 2,880 x 2,880 dpi resolution
- / Uses standard aluminum printing plates
- / Harlequin RIP
- / Integrated finishing unit

Advantages

- / No chemicals required
- / Easy handling
- / System tailored for envelope printing machines
- / All-in-one system

Technical specifications

Type	Halm Platemate
Standard	Epson Ink Jet Printer Finishing unit, including systems for documents / binding, rubber coating and drying Feed and deposit table Dell computer, Harlequin RIP
Circulation range	70,000 envelopes
Plate size	min. 200 mm x 220 mm – max. 459 mm x 610 mm
Plate thickness	0.15 mm, 0.20 mm and 0.30 mm
Plate type	Halm Platemate plates
Maximum print format	432 x 610 mm
Resolution	1,440 x 1,440 dpi or 2,880 x 2,880 dpi
Screen	Stochastic raster
Moisture resistance	35 % to 80 % (without condensation)
Dimensions (mm)	Length 2,000 mm / Width 900 mm / Height 1,200 mm
Net weight	165 kg
Connected loads	Ink Jet Printer 220 V, AC 50/60 Hz PC 220 V, AC 50/60 Hz Finishing unit 220 V, AC 50/60 Hz

All performance data published refers to the production of a defined reference product under certain circumstances reflecting a possible practice of use. The performances achieved in practice depend on a multitude of parameters which are beyond our control. This includes, amongst other factors, the condition of the raw materials to be processed, the shapes of the products, the air humidity and the ambient temperature. W+D reserves the right to make design changes and changes to the performance values.