

W+D *i*-Jet 3

4 color high-speed inkjet
envelope and direct mail press



W+D

When output speed, print quality and total cost of operation matters

The new **W+D *i-Jet 3*** for high quality digital print utilizes proven Memjet technology in the new Memjet Durabolt print engine design for ultrafast, high print quality, and low-cost per piece for envelopes, flats, letterheads, direct mail and other paper-based communications. With a new wider print width of 12.77 inch (324 mm), and a very high maximum resolution of 1600 x 1280 dpi that can output 36,000 #10 envelopes per hour, the **W+D *i-Jet 3*** is clearly the fastest high print quality four color envelope press in its class.

The superb print quality combined with extremely powerful and proven Xitron color control and ripping capacity to print variable data combined with the easy and quick change over HALM feeder technology when changing envelope sizes make it the ideal press for runs ranging from a few 100 to well over 500,000+ envelopes.

The new adjustable vacuum transport together with spittoons under the print head allow now for efficient full bleed printing at maximum speed in perfect register.



Features of the new W+D *i-Jet 3*

- / Memjet Durabolt print engine
- / High speed output of up to 36,000+ env. #10 per hour
- / Wider 12.77 in (324 mm) print width with bleed capability
- / Now run full-speed landscape mode from lower feeder
- / CMYK water-resistant aqueous pigmented ink
- / 1600 x 1280 dpi at max. speed
- / 4 per color built in nozzle redundancy
- / Lower ink price
- / More robust longer life DURABOLT print heads
- / Front loading 2.5 gal (10 l) ink container
- / Automated maintenance (head cleaning and capping)
- / High-speed RIP for variable print capability
- / Integrated 21" touchscreen control panel
- / Semi-automatic setting of print head height to paper
- / Trouble-free print of window envelopes
- / Proven Halm feeder for quick and easy size changes
- / Intelligent job tracking
- / Adjustable speed shingle output conveyor belt
- / Saving, archiving, and recalling of job settings guarantee highest repeatability
- / High-speed, minimum print waste and low ink cost ensure lowest overall print cost
- / Delivery of a complete turnkey system, ready for quick installation
- / Integrated press workflow with Xitron color management



New easy access to print heads

New Durabolt Print head

Next to the high-speed and high resolution (1600 x 1280 dpi) print capability the new Durabolt print engine offers excellent accessibility for service matters or print head changes. The 4-x nozzle redundancy ensures a uniform print image, even if one nozzle fails.

Ink delivery system

Front loading capability of the 2.5 gal (10 l) ink container allow quick and easy ink change even when a job is being printed. A built-in ink reservoir in the ink delivery system provides ink to the print head when the ink container is changed. The ink containers rest on a scale in the pullout drawer. Exact ink level of the remaining ink is displayed on the HMI.

Built in color-management

The built in Xitron color management software supports the selection of different ICC profiles and color matching of

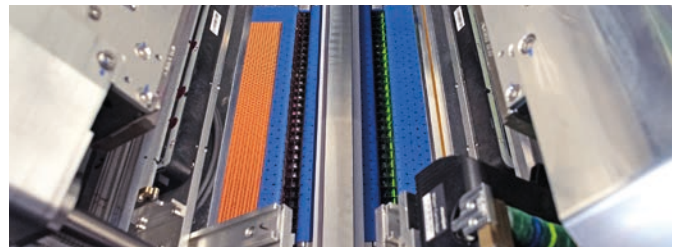


New ink supply automation

spot colors. Look up tables facilitate color matching, show a preview of the expected color result, and thus considerably shorten the adjustment process.

New vacuum transport system

The new transport system provides vacuum for the transport only over the width of the envelopes. Together with spittoons under the print heads this allows full bleed at reduced vacuum needs and reduces overspray.



New adjustable vacuum transport for precise control

Technical specification

Type		W+D <i>i</i> -Jet 3
Maximum output	Products/h	Up to 36,000+ @ 1600 x 1280 dpi ①
Paper weight	Envelopes/Pockets	60 – 100 g/m ² (16 – 28 lbs)
	Sheets	80 – 200 g/m ² (22 – 53 lbs)
Paper thickness		0.1 – 0.8 mm (0.004 – 0.032")
Size range ②		min. 90 mm (3.54") x 100 mm (4") – max. 330 mm (13") x 330 mm (13")
Print width		max. 324 mm (12.77")
Atmospheric pressure		70 kPA – 106 kPA
Temperature range		15° C – 35° C (59° F – 95° F)
Relative humidity		40 % – 60 % RH
Dimensions	Length x Width x Height	6,250 mm x 1,960 mm x 1,940 mm (20,5 ft x 6,4 ft x 6,3 ft)
Weight	Net weight	1,500 kg (3,225 lb)
Connected load	400–480V, 50/60Hz, 3p	22 kVA
Noise emission	(EN 13032)	85 dB (A)

① envelope #10 printed in landscape mode ② size heights of < 100mm (4") can only be processed by the upper feeder (Option)

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.

Winkler+Dünnebier GmbH (W+D), part of global equipment manufacturer Barry-Wehmillers and its BW Converting Solutions platform of five industry leading brands, specializes in the design and manufacture of high-performance converting machinery for the tissue, nonwovens, hygiene, package-printing and bag-converting industries worldwide.

With more than 100 years of experience, W+D is the only engineering company to cover the entire envelope mail production value chain: from converting, printing and value ad enhancement systems for the manufacturing of envelopes to highly intelligent mail inserting technology. All with the aim to produce the most complex and personalized letter mail packages for postal system intake.

For more about W+D, visit w-d.de.

Locations

Winkler+Dünnebier GmbH

Sohler Weg 65
56564 Neuwied · Germany
t. +49 2631 840
info@w-d.de

W+D North America Inc.

11300 West 80th Street
Lenexa, KS 66214 · USA
t. +1 913 4929880
info@wdnorthamerica.com

Winkler+Dünnebier GmbH

Standort Bad Oeynhausen
Valdorfer Strasse 3
32545 Bad Oeynhausen · Germany
t. +49 5731 7440
info.ins@w-d.de

BW Converting Solutions



ONE Global Team - Better Together



www.w-d.de