

# W+D Tlprint 4dL

Four color inline digital printing solution  
for the W+D BB700 S2 high-performance  
envelope inserting system



**W+D**

# High-quality envelopes printed inline, customized or one-to-one personalized

Digital printing, especially in full color, allows you to create and produce highly personalized direct mail, transactional or transpromo documents in the shortest throughput time. But can you produce or source the respective envelopes to match the contents in terms of personalization and time to mailbox?

W+D now offers the perfect solution for integrating the printing of the envelope into the inserting process. Whether it's direct mail or transactional, the personalized combination of the content and the envelope will not only make your processes leaner and faster. Even more importantly, it will increase the value of your mailings because it will increase opening and consequently response rates.



## Unique quality features

Based on its TIMOS technology, the **W+D TIprint 4dL** in combination with the **W+D BB700 S2** high-performance envelope inserting system will read the primary document and print the perfect envelope in one production step. What makes this solution so unique is that printing is performed on the empty envelope before mail is inserted to ensure the highest and consistent print quality. Another unique feature is that the printing area is not restricted to the front of the envelope but can also include the seal flap.

## From white paper to white envelope production

Inline printing of the envelope not only reduces the time to mailbox and offers a new level of personalization in direct mail; it also facilitates white paper processes, i.e. the comingling of jobs in transactional applications in perfect quality. Inline envelope printing makes you independent of supply issues in terms of lead times and the risk of short supplies; you can meet your customers' demands faster, more flexibly and more reliably.



## Characteristics

- / Consistent, high quality printing irrespective of envelope filling by printing onto empty envelopes
- / Full print coverage in 4C regardless of the format
  - DL (#10) or C5 (6" x 9")
- / Higher freedom of design due to an extended printing area, including the front face and sealing flap

## Key features

- / Read and Print interface to the W+D BB700 S2 high-performance envelope inserting system
- / Envelope autoloader
- / W+D RF2K envelope feeder with double detection and miss control and an additional device for envelope flap opening
- / Vacuum transport section with the inkjet printing section and an integrated vacuum pump
- / Inkjet print head from Impika, 108 mm (4 1/4") or 220 mm (8 5/8") printing width
- / Extended control system that includes a 15" touch screen and the BSC3.0 operating system

## Technical Specifications

Type	Tlprint 4dL
Mechanical output	max. 16,000 envelopes/hour
Format areas/Standard formats	min. 98 x 140 mm – max. 229 x 324 mm
Flap size	min. 20 mm – max. 60 mm
Paper weight	min. 75 g/m <sup>2</sup> – max. 110 g/m <sup>2</sup>
Applications	By printing order or database-controlled (Read & Print)
Print area/width	(on the front page and seal flap of the envelope) 108 mm or 220 mm
Printing technology	Inkjet (piezo-electric), Drop on Demand
Type of ink	Pigmented or dye inks
Color and printing resolution	Monochrome black or CMYK 16,000 cycles (150 m/min) in 600 x 300 dpi e.g. 4 level grey scale (equivalent to 700 dpi) 8,600 cycles (75 m/min) in 600 x 600 dpi e.g. 4 level grey scale (equivalent to 1000 dpi)

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.

## W+D Locations

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**Winkler+Dünnebier GmbH**  
Sohler Weg 65  
56564 Neuwied – Germany  
t. +49 2631 840  
f. +49 2631 84577  
info@w-d.de  
w-d.de

**Winkler+Dünnebier GmbH**  
Location Löhne  
Brückenstrasse 95a  
32584 Löhne – Germany  
t. +49 5731 7440  
f. +49 5731 744199  
info.ins@w-d.de  
w-d.de

**POEM PreOwnedEnvelopeMachines GmbH**  
Sohler Weg 70  
56564 Neuwied – Germany  
t. +49 2631 345386  
f. +49 2631 946103  
info.poem@w-d.de  
w-d-poem.de

**W+D North America Inc.**  
11300 West 80<sup>th</sup> Street  
Lenexa, KS 66214 – USA  
t. +1 913 4929880  
f. +1 913 4920691  
info@wdnorthamerica.com  
w-d.de

**W+D Asia Pacific Sdn. Bhd**  
(Co No: 762144A)  
No: 860, 8th Floor, Block A2  
Leisure Commerce Square  
No: 9, Jalan PJS 8/9, 46150 Petaling Jaya  
Selangor, Malaysia  
t. +60 3 78654883  
f. +60 3 78654882  
info@w-d.com.my  
w-d.de

