

W+D BB550 XL

One System for Various Formats



W+D

W+D BB550 XL – One System for Various Formats

The expanded format spectrum and the processing of packaging thicknesses up to 25 mm are the main features of the W+D BB550 XL envelope inserting system. The servo-driven machine does not only process all formats from C6/DL and B4, but also large envelopes with a larger insertion depth up to C4 shipping pockets, the flap of which is located on the short side. The second main feature of the W+D BB550 XL is its expanded packaging strength of up to 25 mm.

The W+D BB550 XL is thus a highly efficient and flexible inserting system that meets all requirements. Equipped with the operating system BSC 3.0, it is ideal for use in insurance applications and mailings that can now be inserted mechanically instead of manually. It not only efficiently inserts large and small runs of personalized and confidential documents, however, but is optimal for use by direct mail service providers and for fulfillment and packaging applications as well. A hand-held station is also available for the W+D BB550 XL. In addition, the W+D BB550 XL easily handles cardboard and express envelopes (FedEx, UPS, etc.) and can be equipped with hot glue to close the flaps.



W+D BB550 XL meets your demands

The W+D BB550 XL is an extremely user-friendly machine. The decoupled servo drives allow you to make fine adjustments during production runs and the paper guide is particularly easy to access.

Automated error handling provides exceptional net output. If an envelope cannot be opened during the process, it will be automatically diverted into a separate divert unit. The machine compensates for this error and will continue to run the job without coming to a time-consuming stop. This increases your productivity to a new performance level.

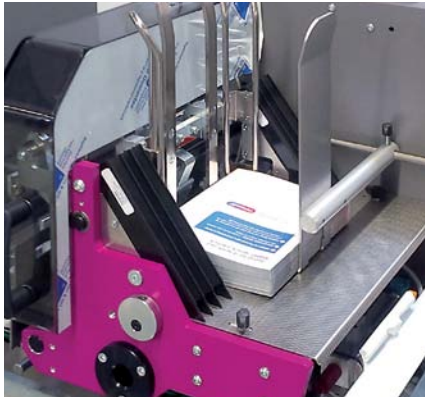
What can the W+D BB550 XL do for you?

If you need to handle mailings in large volumes and high product thicknesses up to 25mm, put your trust in the W+D BB550 XL. Its gathering section consists of a 6-feeder base which can be upgraded in steps of 3 stations by adding additional units.

By the way: The servo driven feeders can be placed in any position.

New: the CF2 catalog feeder

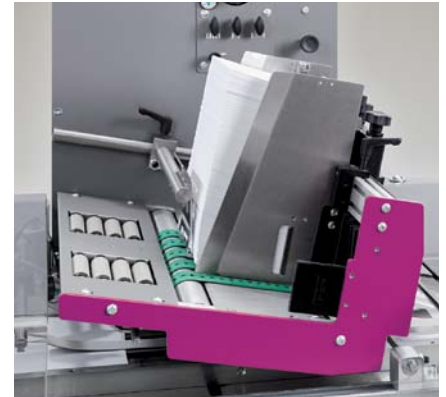
In addition to the familiar, reliable W+D rotary, shuttle and friction feeders, the W+D BB550 XL can also be equipped with our new CF2 catalog feeder. The CF2 not only reliably processes products up to 10mm, but also products of various thicknesses in the range 1 – 10mm without having to make any changeovers. It thus meets today's requirements in the area of print-on-demand, from stapled insurance policies to photo books.



Rotary feeder RF2



Catalog feeder CF2



Vacuum/friction feeder HF2

The W+D BB550 XL at a Glance

User-friendliness, various processing options and its speed and reliability make the W+D BB550 XL one of the most versatile and efficient envelope inserting systems on the market.

Further advantages are:

- / Safe inserting even with multiple personalization
- / The closing flap can be positioned at the long or short edge of the envelope
- / Extremely high net productivity when processing C4, C5 and DL formats
- / Minimal downtime during changeover, less than 10 minutes
- / Processability of low quality enclosures
- / High residual market value due to robust and modular design
- / Low maintenance and servicing costs
- / Trigger connection for camera system

The automated error handling feature of the W+D BB550 XL significantly increases net output while the machine is still running.

Feeders

- / Catalog feeder CF2
- / Rotary feeder RF2
- / 90° Rotary feeder RF2
- / Vacuum/Friction feeder HF2
- / Shuttle feeder SF2
- / Pick & Place feeder
- / Hand-held station

Your additional options

- / Reading unit on feeding stations
- / Insert autoloader - for thin and thicker materials
- / Envelope autoloader for up to 3,000 envelopes
- / Kicker for zip and post code separation
- / Front and end of line envelope printing solutions
- / Customer network integrated labeler (e.g. for UPS/FedEx labels)
- / Software options and interfaces for intelligent processing

Technical Specifications

Type		BB550 XL	
Mechanical performance		12,000 envelopes per hour	
Envelope formats	landscape	min. 105 mm (4 1/8") x 162 mm (9 27/32") – max. 250 mm (9 27/32") x 353 mm (13 29/32")	
	pocket format	min. 229 mm (9 1/32") x 162 mm (9 27/32") – max. 335 mm (13 3/16") ❶ x 250 mm (9 27/32")	
Product formats	landscape	min. 80 mm (3 5/32") x 105 mm (4 1/8") – max. 229 mm (9 1/32") x 324 mm (12 3/4") ❷	
	pocket format	min. 210 mm (8 9/32") x 148 mm (5 13/16") – max. 310 mm (12 7/32") x 229 mm (9 1/32")	
Product thickness		1 mm (1/32") – 10 mm (13/32") for the catalog feeder variable	
		3 mm (4/32") for rotary feeder	
		15 mm (19/32") for shuttle feeder	
		15 mm (19/32") for vacuum/friction feeder	
		70 – 180 gr/m ² paper weight for the FSH Folding feeder (on request)	
Modularity		6-, 9- or 12-feeder base	
		– Upgradeable by 3-feeder base (max. 12 feeders)	
		– Optimized footprint due to the flexible design; (right-right version)	

❶ max. filling depth 335 mm (13 3/16") with an open closing flap of up to 40 mm (1 9/16")

❷ depending on feeder used

Height of the closing flap
20 mm – 60 mm
(25/32" – 2 3/8")

Total filling thickness
max. 25 mm
(31/32")

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

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

Winkler+Dünnebier GmbH
Location Bad Oeynhausen
Valdorfer Straße 3
32545 Bad Oeynhausen · Germany
t. +49 5731 7440
info.ins@w-d.de

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

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
info@w-d.com.my

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

Our Brands

