

MULTI SEALING CHAMPION

MSC 25/30 – MSL 25/36

MDC 25/36 – MDL 25/45



Invest in Success



Version Double Line

› Consistent and efficient production with high versatility
Gluing, stitching, taping and combination Sealing ‹

M-Series

BOXFLOW® Solutions



One or two-piece lightweight up to XXL heavy duty boxes sealed semi-automatic

Our machines stand for efficient production even for small and medium order sizes due to high availability and short set-up times. It does not matter whether you want to seal one-piece or two-piece products or whether you are dealing with single-flute or the heaviest triple-wall corrugated board grades. The crushing device (optional) supports the processing of triple wall qualities with a material thickness of more than 10 mm / 0.39".

Benefit from the sealing options of stitching, gluing and taping with the many sealing combinations. For the first time, this machine generation also allows the combination of hot and cold glue for cost efficiency with simultaneous production reliability.

The new ergonomics allow best operability, access options for changing consumables and maximum process accuracy.

The M-Series – advantages at a glance

Efficiency

- Ergonomic operating controls
- Fast caliber adjustment
- Easy transporter positioning for fast setup times
- Optional motorised fine positioning for each Unit
- Motorised height adjustment for Stitcher / Taper for quicker set-up times
- Optional sensor-controlled aligning stops for automated production startup

Diversity and Flexibility

- For one-piece and optionally for two-piece products
- Customized feeding and discharge systems with load height adjustment, optional powered roller conveyors
- Free positioning of side Guides
- All Units can be moved over transporters, improved positioning for all set-ups

State of the Art

- Intuitive HMI touch screen controls
- Latest, universal servo technology for more accuracy and consistency
- Vario stitching mode for individual stitch pattern
- Optional unique combination nozzle system for simultaneous hot and cold glue application
- State-of-the-art BAHMÜLLER safety technology
- BAHMÜLLER servo TopSpeedTaper
- Belt change without pulling shaft



Sealing systems

The proven BAHMÜLLER stitching head with the latest servo technology generates a high rate of accuracy with a precise and flexible stitch positioning. Extreme minimum dimensions can be achieved by using only one pair of feed belts. Even complex box geometries can be accommodated by adjustable alignment stops – as well as squared packaging.

Set-up times are minimized thanks to the patented quick-change tool system. Machine performances are increased by the „fast ejection function“ – everything for more output with consistent product quality.

Latest design according to customer requirements

For modified needs and reduced space, the machine can be well adapted to your production site with a feed table and ergonomic workflow height. It is possible to integrate all closure technologies in the smallest possible space. Of course, all options are configured here as well, whether as a basic version or in the most diverse custom builds.

We will be pleased to create your specific machine layout – the units can be upgraded at any time if technical requirements or production conditions change.



Version Single Center



Throughput via customised lifting tables

Loading and delivery lift tables with hydraulic and automatic level control facilitate the production process and can be tailor-made specifically to the location of customer needs. Designed with a roller conveyor, optionally motorized, the machine can be loaded from the side and the finished stack is discharged, either laterally or in the direction of production. The operating platform can overlap with the lift table, and thus be used for set-up work. All lift table variants meet the highest safety standards.

The individual positioning of stacking lift, exact piece counting and height regulating via photocells in the production process, ensure the best production results and give reliable counting at the delivery – with or without pallet.

Tradition meets innovation

As a new development, the BAHMÜLLER TopSpeedTaper completes the machine and impresses with its robust design and direct drive technology. The tape strip is heated via an infrared system and unrolled onto the closure seam. A wide range of tape widths can be processed.

Taping quality from BAHMÜLLER

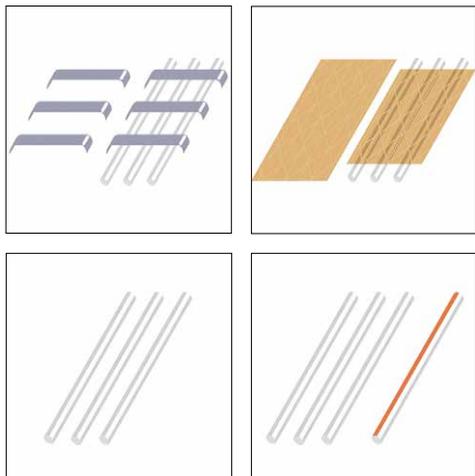
- Taping speed up to 90 m/min / 295 ft/min
- Integrated tape strip tear-off control and temperature monitoring
- Production-safe Tape pressing
- Adjustable infrared heating system
- Glue/Tape combination sealing



Pallet stacking unit

M-Series

Technical Data

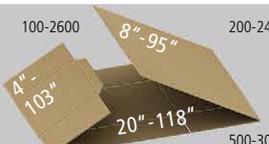
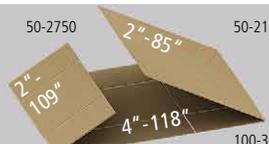
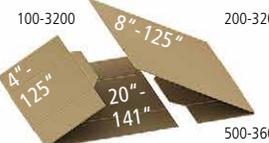
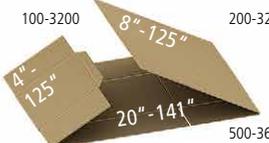
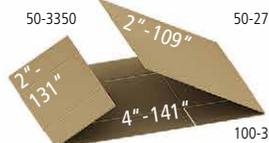
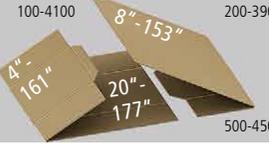
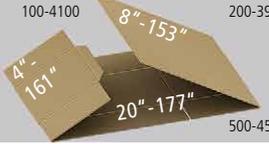
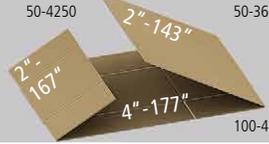


Processing spectrum

Sheet height	500 – 2500 mm / 20" – 98.4"
Up to	850 staples per minute
Stitching space	20 – 80 mm / 0.79" – 3.15"
Crown size	15 mm / 0.59"
Stitch leg length	10 – 19 mm / 0.39" – 0.75"
Wire dimension	2.5 x 0.4 – 0.68 mm or 2.4 x 0.8 mm
Taping speed	up to 90 m/min / 295 ft/min
Tape width	40 – 90 mm / 1.57" – 3.54"

Processing qualities

A, B, C, E, F, EE, BE, BC, AC, BCB, CAC, ACA Flutes

Machine size	Two-piece blanks Stitching / Gluing / Combi	Single blank Stitching / Gluing / Combi	Single blank Taping	INCH / MM
MSC/MSL 25/30		100-2600 8" - 95" 200-2400  4" - 103" 20" - 118"	50-2750 2" - 85" 50-2150  2" - 109" 4" - 118" 100-3000	
MSC/MSL 25/36	100-3200 8" - 125" 200-3200  4" - 125" 20" - 141" 500-3600	100-3200 8" - 125" 200-3200  4" - 125" 20" - 141" 500-3600	50-3350 2" - 109" 50-2750  2" - 131" 4" - 141" 100-3600	
MDC/MDL 25/36				
MDC/MDL 25/45	100-4100 8" - 153" 200-3900  4" - 161" 20" - 177" 500-4500	100-4100 8" - 153" 200-3900  4" - 161" 20" - 177" 500-4500	50-4250 2" - 143" 50-3650  2" - 167" 4" - 177" 100-4500	

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›BOXFLOW® Solutions‹

With our BAHMÜLLER BOXFLOW® Solutions, we offer you a comprehensive product range with future-oriented functions and equipment that perfectly meet the wishes and requirements of the corrugated board processing industry.

The latest technology, customer-oriented solutions and the highest quality „Made in Germany“ – this is what BAHMÜLLER BOXFLOW® Solutions stands for.

