

BOX LINE MAGNET INSERTER

For milling and gluing of blind holes with subsequent separation and insertion of magnets or steel discs

Magnet inserter BLM 800 and BLM 880 • up to max. 40cycles/min

BLM 800
and BLM 880
40 cycles/min



Technical data



BOX LINE Magnet inserter BLM 800/880

Benefits:

- The machine is used for automatically milling and gluing of blind holes as well as separation and inserting of magnets / steel discs
- Less process steps, no separate hole punching and no extra label application to hold magnets in place
- Perfectly laminated magnetic or steel discs
- Consistent product quality
- Flexible positioning
- Toolless adjustment

Standard equipment BLM 800 | BLM 880

- Copilotsystem system with touchscreen
 - Choice of production mode
 - Operator guided changes of the production mode
 - Product counter (job, shift and start/stop counter)
 - Indication of machine and material flow malfunctions
 - Operator guided malfunction elimination
- BLM 800: 4 drilling stations each for one blind hole
- BLM 880: 8 drilling stations each for one blind hole
- Device for hotmelt gluing of blind holes
- BLM 800: 4 insert stations
- BLM 880: 8 insert stations
- Waste exhaust unit
- Servo-controlled drive technology based on
- Siemens Technology
- Smart Line Module for energetic recovery of operating power in the line network
- Safety standard according to CE directives and specifications

Infeed BLM 800 | BLM 880

- Infeed with board feeder, model CF 800, length 3,000 mm

Optional equipment

- Board prestacking conveyor for automatic magazine reloading

Delivery BLM 800 | BLM 880

- Delivery with conveyor belt, model TS 200
(width 1100 mm, length 1200 mm)
(width 1100 mm, length 2000 mm)
with delivery table

Optional equipment

- Steel disc sorting unit (connect to existing insert station)
- Steel disc sorting unit BLM 800 for 2 / 4 inserting stations
- Steel disc sorting unit BLM 880 for 2 / 4 / 6 / 8 inserting stations

Milling tools BLM 800 | BLM 880

- 11 mm milling tools for magnet diameter 10 mm
- 13 mm milling tools for magnet diameter 12 mm
- 16 mm milling tools for magnet diameter 15 mm

Tools for magnet separation

- Magnet thickness 1 mm | 1.5 mm | 2 mm

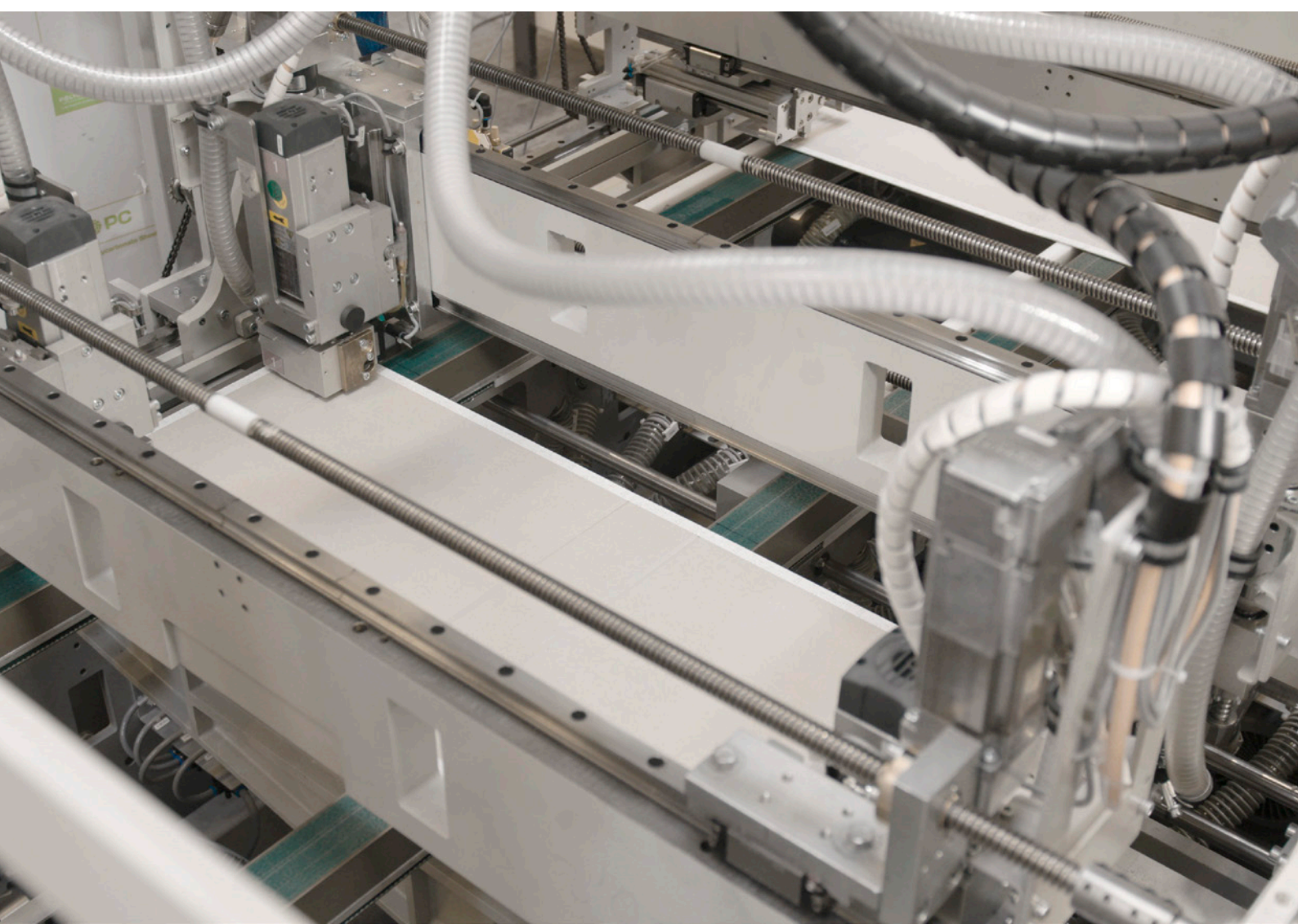
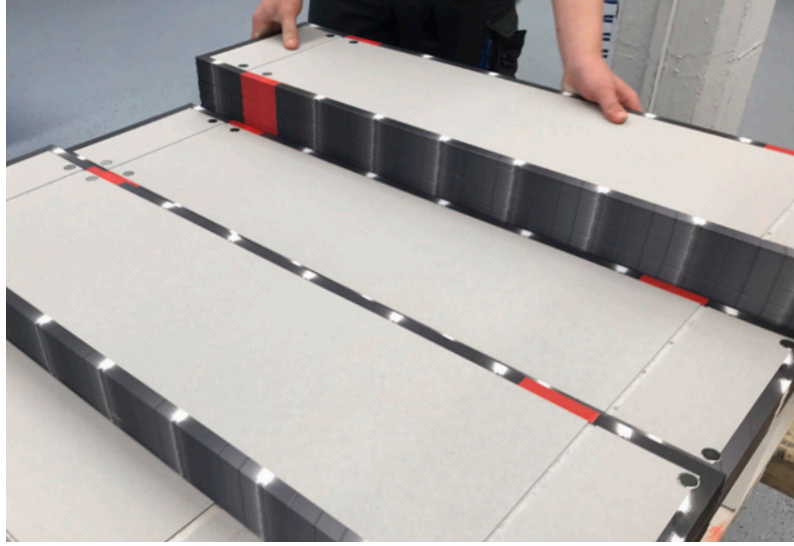
Magazine / tools for steel disc separation

- Magazine for steel discs ø 12 mm | ø 15 mm
- 1 set (2 pieces) tool for steel disc separation, steel discs thickness 1 mm | 1,5 mm | 2 mm
- Tool cabinet

Remote Service Gateway, coupling with type RSG 800

Remote Service Gateway, coupling with type RSG 800.B

The Box Line magnet inserter automatically mills the holes for magnets, applies glue and inserts magnets or steel discs. For industrial production of rigid boxes with sophisticated magnetic closures.



Magnet inserter BLM 800 up to 40 cycles/min

Technical data

Size range BLM 800 and BLM 880

Width x Height x Thickness

min. 300 x 210 x 1.5 mm | max. 1,050 x 735 x 4 mm

Positioning magnets / steel discs and milling- and sorting unit see extra sheet

Magnet diameter

- ø 10 mm | ø 12 mm | ø 15 mm

Magnet thickness

- 1 mm | 1.5 mm | 2 mm

Steel disc diameter

- ø 12 mm | ø 15 mm

Steel disc thickness

- 1 mm | 1.5 mm | 2 mm

Magnet inserter BLM 800

Machine dimensions (Length x width x height)

2100 mm | 2030 mm | 2100 mm

Weight 3000 kg

Magnet inserter BLM 880

Machine dimensions (Length x width x height)

- 4200 mm | 2030 mm | 2100 mm

Weight 6.000 kg

Mechanical speed

- up to 40 cycles/min

Net production is subject to sizes, materials etc.

The customer has to provide:

Compressed air requirement

- 10 Nm³/h BLM 800
- 20 Nm³/h BLM 880 |

Factory line pressure

- 6 bar

Compressed air supply see extra sheet

Electrical equipment

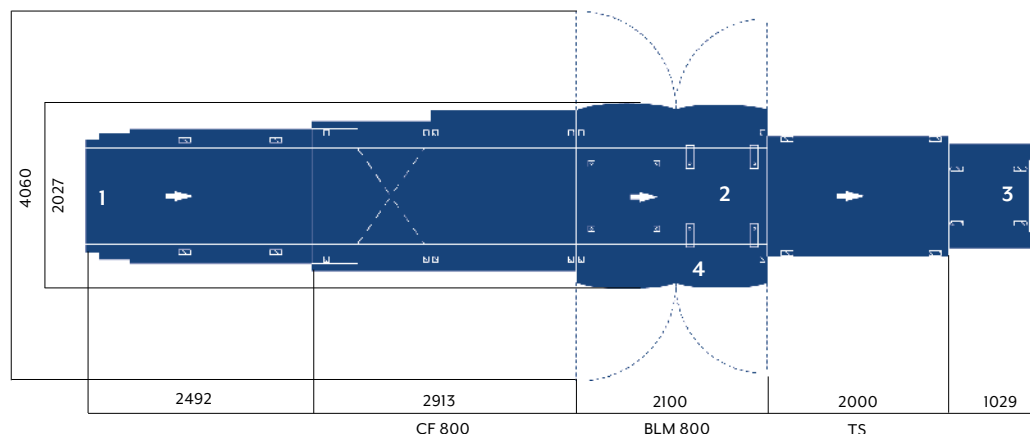
- 3 phase, 400 V_{lt}/N/PE, 50 cycles

Required exhaust capacity

Milling stations complete

- Air volume 220 m³/h
- Vacuum 200 mbar
- Suction house ø 50 mm

Footprint Magnet inserter BLM 800



- 1 Infeed
- 2 Magnet inserter
- 3 Delivery height approx. 800 mm
- 4 Connection compressed air

Footprint Magnet inserter BLM 880

