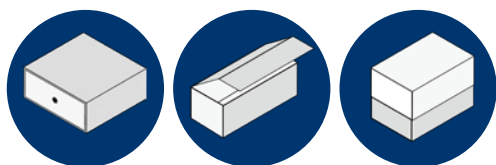


BOX LINE ASSEMBLER

Machine to assemble box cases and boxes or flat blanks

Box Line Assembler BLA 500



BLA 500
up to 40
products/min



Technical data



BOX LINE Assembler BLA 500 + Modules

Benefits:

- The machine is used to assemble box cases and boxes or box cases and flat blanks
- Gentle, precise handling of wrapped lid elements with magnet closures
- Consistent product quality
- Fast set-up times for format changes
- The modular system can be optimally adapted and/or extended to meet the changing production requirements
- All the modules are on castors, for easy movement into or out of the line

Basic equipment

- Copilot system with touch screen
 - Choice of production mode
 - Operator guided production change
 - Product counter (job, shift and Start/Stop counter)
 - Indication of machine and material flow malfunctions
 - Operator guided malfunction rectification
- Device for gluing box cases
- Servo-controlled drive technology based on Siemens
- Active Line Module for feeding drive energy back into the machine line network
- Safety standard in accordance with EC directives and standards

Wahlausrüstung

Infeed

- Inline infeed with TS 200, BT 500 and AL 500
- Inline infeed with a transport system (TS 200), case turning device (BT 500) and an aligning device (AL 500)
- Cardboard feeder, type CF 500 Length 1900 mm

Optional equipment for cardboard feeder

- Board prestacking conveyor for automatic refilling of the cardboard feeder

Remote Service Gateway / Coupling with type RSG 800

- Remote Service Gateway / Coupling with type RSG 800.B

Various equipment

Puncher, type SW.L 400M

Module for punching round holes and shaped holes

- Punch hole \varnothing min. 8 mm | max. 20 mm
- Number of punch holes up to 10 punch holes (up to 5 per lateral stop)

Basic equipment

- 4 single punching yokes for diameters from 8 mm to 16 mm
- 4 tools for diameter 15,5 mm
- Including chip drawer

The punch yokes and tools are required. The number of punch holes and the di-iameter result from the format and the ordered punch yokes and tools. The use of form punches is possible within the diameter.

Optional equipment

- Single punching yoke for diameters from 8 mm to 16 mm | from 12 mm to 20 mm
- Duplex punching yoke for diameters from 8 mm bis 16 mm

Centre distance of the punch holes tools 105 mm / 145 mm

- Tools \varnothing 10 mm | 11mm | 13 mm | 15,5 mm | 16 mm | 20mm
- Tool for slot punch 5 x 16 mm





Placing module for boxes, type Box Placer BP 500

Blank placing module, module CP 500

Modular extension

Blank placing module, type CP 500

- Module for placing flat blanks on glued box cases
- Delivery via pressure system with rollers and transport system, type TS 200
- Flat blank format range (width x height)
min. 200 x 200 mm | max. 800 x 800 mm
- Width between alignment edges 700 mm
- Overhang of strap in relation to alignment edge 50 mm

Twin box placing module, type BP 200

- Module for placing two boxes on glued box cases including delivery with transport system, type TS 200
- Box sizes (width x height x length)
min. 100 x 20 x 100 mm | max. 170 x 42 x 250 mm
- Board thickness: 1.5 mm – 4 mm

Box Placer, type BP 500

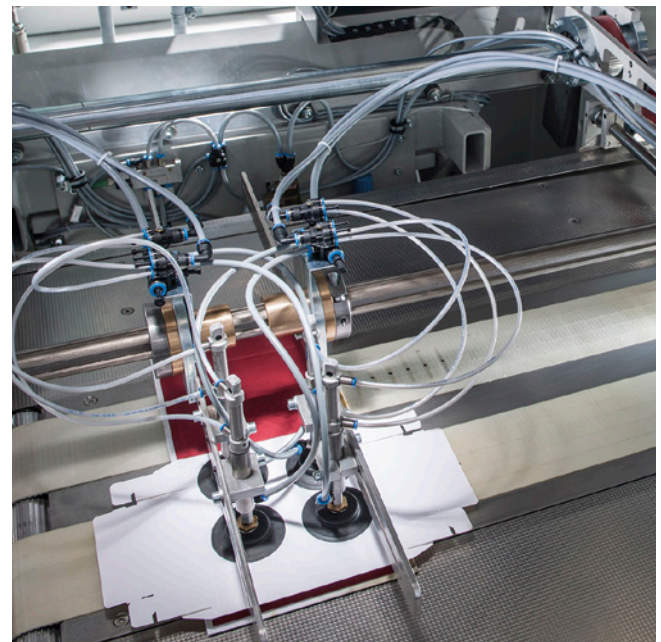
- Module for placing boxes on glued box cases including delivery with transport system, type TS 200
- Box sizes (width x height x length)
min. 65 x 15 x 130 mm | max. 310 x 170 x 400 mm
- Board thickness 1.5 – 4 mm

Side Gluer, type SG 500

- Module for raising and gluing the sides of the box case to the box
- Box case height min. 140 mm | max. 405 mm

Additional gluing system

For using BP 200 and BP 500



The CP 500 (flat blank) and BP 500 (single) and BP 200 (twin box) box placers can be used alternatively. The placer modules are interchangeable without tools.

Delivery unit

- Delivery via conveyor belt KT.L 700
Dimensions of KT.L 700:
Length 2000 mm, Width 750 mm, Height 800 mm

Technical data

Box Line Assembler, BLA 500

- Machine dimensions
 - Length: 5,500 mm
 - Width: 1,500 mm
 - Height: 2,070 mm

Weight 2,400 kg

Punching module, SW.L 400M

- Machine dimensions
 - Length: 800 mm
 - Width: 1,500 mm
 - Height: 2,070 mm

Weight 500 kg

Blank placing module, model

Die Cutting Placer CP 500

- Machine dimensions
 - Length: 1,700 mm
 - Width: 1,250 mm
 - Height: 2,060 mm

Weight 600 kg

Box placing module, model BP 500

- Machine dimensions
 - Length: 3.380 mm
 - Width: 1,140 mm
 - Height: 2,060 mm

Weight 700 kg

Mechanical speed

- up to 40 cycles/min
- Net production is subject to sizes, and materials

The customer has to provide:

Compressed air requirement

- 6 Nm³/h

Factory line pressure

- 6 bar

Compressed air supply

- see extra sheet

Electrical equipment

- 3 phase, 400 volt / N / PE, 50 cycles

Footprint BLA 500 with modules

- Board infeed CF 500
- Placing- and gluing area basic machine BLA 500
- Box Placer BP 200
- Side Gluer SG 500
- Box Placer BP 500
- Die Cutting Placer CP 500

