

CASEMAKER DA 270.M

For fully automatic production of book cases, files, display cards, calendar backs, game boards or luxury packaging

Casemaker DA 270.M • up to max. 65 cycles/min

DA 270.M
65 cycles/min



Technical data



KOLBUS Casemaker DA 270.M

Benefits:

- The machine is intended for the fully automatic manufacture of book cases, folders, posters, calendar backs, games or luxury packaging
- Ergonomic feed and delivery stations
- Simple set-up and clear overview of machine operation
- Cloth feeder for non-stop operation with pile magazine
- Board magazine for manual loading

Equipment variations

Standard equipment

- Copilot 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
- Board magazine for manual loading
- Cloth feeder for non-stop operation with pile magazine max. stacking height 160 mm
- Miss cloth control during the separation process
- Counter stacker delivery with following roller conveyor incl. table, overall length approx. 3,000 mm (max. stacking height 100 mm)
- Movable gluing station for processing hot-glue with glue preparation unit in the premelter, heated glue application roller and scraper roller
- Glue application adjustment from outside of the machine
- Viscosity control device with pump and water tank for automatic water supply to ensure constant glue viscosity
- Device for inside lining with hot-glue
- Cloth cylinder with grippers and exchangeable plates for rubber pad (5 pcs. 500 mm wide and 5 pcs. 720 mm wide, incl. 10 pieces of rubber pads)
- Pressing roller device for crease free connection of the cover material with boards and spine strip
- Device for producing padded cases (max. thickness: 8 mm with padding, to be pressed to 4 mm)
- Automatic case counter
- Single case request for control purposes done from the operating side

- Servo-controlled drive technology based on Siemens SIMOTION D
- Active Line Module for energetic recovery of operating power in the line network
- Safety standard according to CE directives and specifications

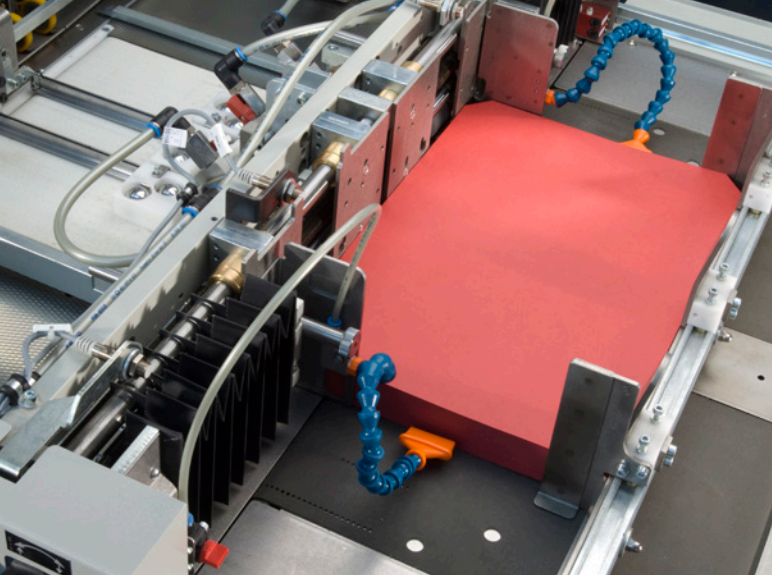
Alternative equipment

Device for processing centre strip rolls

- Centre strip infeed for the spine strip made of roll material, holding capacity for 2 centre strip rolls, longitudinal and cross cutting device

Optional equipment for device for processing centre strip rolls:

- Chopper for the centre strip waste
 - DA 270.M without device for processing centre strip rolls
- Board centre strip magazine
- DA 270.M with *or* without board centre strip magazine



Topping up the cloth magazine prior to cloth separation
non-stop operation



Board magazine

Optional equipment:

- o **Device for producing quarter-bound cases in 2 passes**

Please ask the sales person for suitable formats

- o Width of the middle strip: 60 – 150 mm
- o Width of the cloth half: 130 mm
- o Distance between the cloth halves: 40 – 150 mm
- o Overlapping board/middle strip: 15 mm

Devices used to process:

- o **Small format (height)**

Case height: min. 100 mm | Cloth height: min. 130 mm
Mirrow height: min. 96 mm

- o **Small format (width)**

Width opened case: min. 140 mm
Cloth width: min.:172 mm | Mirrow width: min. 136 mm

- o **Large format (height)**

Case height: max. 405 mm | Cloth height: max. 435 mm
Mirrow height: max. 405 mm

- o **Large format (width)**

Open case width: max. 680 mm
Cloth width: max. 718 mm | Mirrow width: max. 680 mm

- o **Asymmetric cases on cloths** (only possible in connection with the device for small format/width)

- o **Multi-section cases with expansion** (not possible in connection with the cardboard cutting device)

- o **Cases with contour** (only possible in connection with the device used to process asymmetric cases and cloths)

- o Tools for manufacturing cases with round corners:
 - o Tool / radius: 5 mm / 6mm / 7 mm / 8mm / 9 mm / 10 mm

- o Tool cabinet
- o Template for preparing rubber pads
(device for fitting the rubber pad on its plate outside the machine)
- o One set (5 pieces) additional plates for rubber pad 720 mm
- o One set (5 pieces) additional plates for rubber pad 500 mm
- o One set (5 pieces) additional rubber pads

Remote Service Gateway / Coupling with model RSG 702 / AFS 702

Technical data

Case

- Size range opened case (width x height)
min. 205 x 140 mm | max. 670 x 390 mm
- Joint width 4 – 15 mm
- Width between boards 14 – 120 mm
- Turn-in width, closed 8 – 15 mm

Cloth (width x height)

- min. 223 x 130 mm | max. 708 x 428 mm mm

Boards (width x height)

- min. 95 x 140 mm | max. 328 x 390 mm
- Thickness 1 – 4 mm

Board centre strip

- Thickness 1 – 4 mm
- Width 6 – 90 mm

Centre strip roll

- Thickness 0.3 – 0.6 mm
- Width 6 – 90 mm

Inside lining (width x height)

dependent to the glue processing

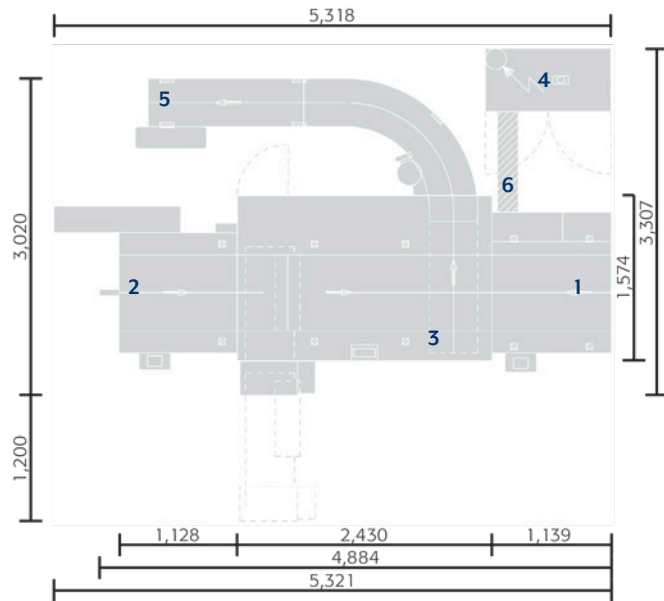
- min. 195 – 130 mm | max. 670 – 390 mm

Depending on equipment of the machine different sizes are possible

Mechanical speed

- up to 65 cycles/min
- Net production is subject to sizes, materials etc.

Footprint casemaker DA 270.M



- | | |
|-----------------------------|-------------------------------------|
| 1 Infeed cloth | 4 E-cabinet height approx. 2,000 mm |
| 2 Infeed board | 5 Delivery cases |
| 3 Connection compressed air | 6 Cable channel on the floor |

The customer has to provide:

Compressed air requirement

- 40 Nm³/h

Factory line pressure

- 6 bar

Compressed air supply

- see extra sheet

Machine dimensions

- Length 5,500 mm | Width 3,000 mm | Height 2,200 mm

Weight: 5,400 kg

Electrical equipment

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