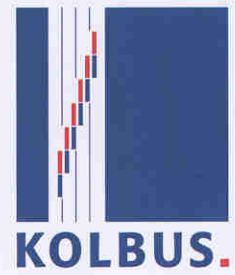


Technical data



Casemaker DA 270

65 cycles/min



KOLBUS Casemaker DA 270

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

Available equipment

Standard equipment

- Copilot system with TFT touchscreen
 - Choice of production mode
 - Format memory
 - Operator guided changes of the production mode
 - Automatic format settings
 - Operating instructions
 - Fine adjustments via +/- keys during running production
 - Product counter (job, shift and start/stop counter)
 - Indication of machine and material flow malfunctions
 - Operator guided malfunction elimination
- **Board prestacking conveyor** (1,700 mm) for automatic magazine reloading (stream and pile feeding)
- 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 4,500 mm (max. stacking height 125 mm)
- Cloth cylinder with grippers and exchangeable plate for rubber pad (5 pieces 500 mm wide and 5 pieces 720 mm wide, incl. 10 pieces of rubber pads)
- Glue application adjustment by outside control
- 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
- Programmable automatic setting, motorized adjustments, fault indication
- Single case request for control purposes done from the operating side
- Continuously variable drive
- 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
 - Chopper for the centre strip waste
 - Device for automatic pasting and changing of endless spine strip with the machine running
- DA 270 without device for processing centre strip rolls
- Processing hot-glue
 - Movable gluing station for processing hot-glue with glue preparation unit in the premelter, heated glue application roller and scraper roller
 - Viscosity control device for automatic water supply to ensure constant glue viscosity
 - Device for inside lining with hot-glue
- Processing hotmelt
 - Movable gluing station for processing hotmelt with glue preparation unit in the premelter, heated glue application roller and scraper roller
 - Required exhaust capacity/hotmelt fume: 130 m³/h, approx. 150 Pa./Ø 60 mm
- Processing hot-glue + Processing hotmelt
- DA 270 with board centre strip magazine (boards: height min. 130 mm)
- DA 270 without board centre strip magazine

Optional equipment

- Board cutting device with double cut for processing covers and board centre strip:
 - Centre strip width 6 – 8 mm/
Centre strip thickness max. 2.5 mm
 - Centre strip width 8 – 10 mm/
Centre strip thickness max. 3.0 mm
 - Centre strip width > 10 mm/
Centre strip thickness max. 4.0 mm
- Total length of the machine: 7,400 mm
Total weight of the machine: 6,300 kg
- Optional equipment for board cutting device:
- Single cut device for cutting boards in two pieces
 - Special equipment for processing of 4-piece cases
- Device for producing quarter-bound cases in 2 passes
 - Width of the middle strip: 60 – 150 mm
 - Width of the cloth half: min. 130 mm
 - Distance between the cloth halves: 40 – 150 mm
 - Overlapping board/middle strip: min. 15 mm



▲ Copilot system with TFT touchscreen



▲ Board feeder and cutter

- Device for small format
 - Size range opened case: min. 154 x 100 mm (one-piece case: min. 140 x 100 mm)
 - Cloth
 - Width: min. 170 mm/height: min. 130 mm (inside lining)
 - Boards
 - Width: min. 70 mm/height: min. 100 mm
- Device for large format (height)
 - Size range opened case: max. 670 x 405 mm
 - Cloth height: max. 435 mm
- Device for large format (width)
 - Size range opened case: max. 680 x 390 mm
 - Cloth height: max. 718 mm
- Corner cutter (operation by hand) – for mounting in the tool cabinet
- Pneumatic corner cutter for single cut, model ECK 100 (for mounting in the tool cabinet) or for double cut, model ECK 200 (movable unit)
 - Dimensions:
 - Length 1,100 mm/width 650 mm/total height 1,450 mm
 - Fixed stack by foot operation
 - Cutting height max. 80 mm
 - Safety standard according to CE directives and specifications
 - The customer has to provide:
 - Factory line pressure: 6 bar
 - Compressed air supply: see extra sheet
- Tool cabinet
- Template for preparing rubber pads (device for fitting the rubber pad on its plate outside the machine)
 - 1 set (5 pieces) additional plates for rubber pad – 720 mm
 - 1 set (5 pieces) additional plates for rubber pad – 500 mm
 - 1 set (5 pieces) additional rubber matrices (for processing hot-glue)
 - 1 set (5 pieces) additional rubber matrices (for processing hotmelt)
- Special equipment for the processing of asymmetric cloths (only in connection with the device for producing quarter-bound cases)
- Special equipment for the processing of asymmetric cases and cloths (processing of asymmetric cloths only in connection with the device for producing quarter-bound cases)
- Special equipment for the processing of 4-piece cases incl. 2nd board centre strip magazine (only in connection with board centre strip magazine)
- Equipment for manufacturing cases with round corners/radius 10 mm (only in connection with processing hot-glue)
 - Note: Manufacturing according to samples
 - Optional equipment for manufacturing cases with round corners: Tools for radius 6 mm or for radius 8 mm
- Special equipment for the processing of thin boards (for machines without board cutting device)
 - Size range opened case:
 - min. 215 x 140 mm, max. 580 x 305 mm
 - Boards/width: min. 100 mm
 - Board stack/stack height: max. 40 – 100 mm
 - Mechanical speed: up to 40 cycles/min
 - Net production is subject to sizes, materials etc.
 - Note: Manufacturing according to samples
- Turning device for coupling with a down-stream machine
 - Inline production**
 - Through-feed mode
 - Alternative equipment for the turning device
 - Transfer conveyor upstream the turning device, length approx. 625 mm or 975 mm
 - Accumulating conveyor following the turning device, length 1,250 mm or 2,500 mm
- Equipment for remote diagnosis, coupling with the KOLBUS 3•60 Service Portal, model AFS 701.W
- Equipment for processing hot-glue
 - Device for processing cold glue with inside lining (to be used only in connection with hot-glue)
 - Optional equipment for the device for processing cold glue with inside lining: Device for cooling down the glue application rollers
 - Alternative equipment for the viscosity control device (to be used only in connection with hot-glue)
 - with pump and water tank/for manual filling or
 - water supply required
- Antistatic table available

Technical data

Case

- Size range opened case (min.) 205 x 140 mm
- Size range opened case (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 223 – 708 mm
- Height 130 – 428 mm

Boards

- Thickness 1 – 4 mm
- Width 95 – 328 mm
- Height 140 – 390 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

Lining gluing depending on used glue

- Width 195 – 670 mm
 - Height 130 – 390 mm
- Depending on the chosen machine equipment more formats are available

Mechanical speed

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

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 6,200 mm
- Width 3,000 mm
- Height 2,200 mm

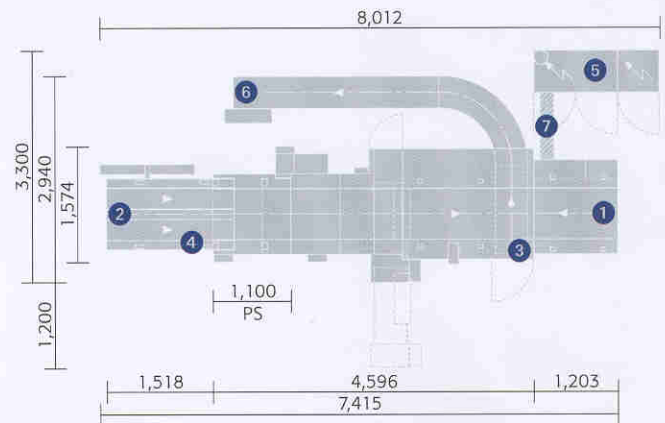
Weight

- 5,850 kg

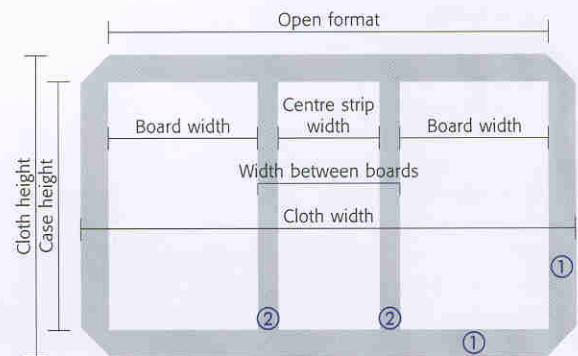
Electrical equipment

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

Footprint casemaker DA 270



- 1 Infeed cloth
- 2 Infeed board
- 3 Connection compressed air
- 4 Water supply max. 8 bar
- 5 E-cabinet height approx. 2,000 mm
- 6 Delivery cases
- 7 Cable channel on the floor



- 1 Turn-in width
- 2 Joint width

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