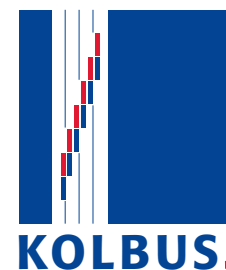


Technical data



## 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 touchscreen
  - ☐ Choice of production mode
  - ☐ Format memory
  - ☐ Operator guided changes of the production mode
  - ☐ Automatic format settings
  - ☐ 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)
- 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 infed 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 **or**
- 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 **or**
- 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: 100 m<sup>3</sup>/h, approx. 10,000 Pa./Ø 50 mm, 8 – 16 m/s **or**
- Processing hot-glue + Processing hotmelt
- Optional equipment: Automatic glue application adjustment
- Automatic glue application adjustment
- DA 270 with board centre strip magazine (boards: height min. 130 mm)
  - Optional equipment for board centre strip device
    - ☐ Special equipment for the processing of 4-piece cases incl. 2nd board centre strip magazine
- or**
- 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
- Board centre strip cutting device  
(for machines without board cutting device and without special equipment for the processing of 4-piece cases)  
Device for cutting rigid centre board strips to width, with possible width variation from cycle to cycle.
  - ☐ Board sheet  
Thickness: max. 2 mm, width: max. 1,500 mm, height approx. case height
  - ☐ Automatic board sheet changing  
(3 cycles without cutting)  
Width: max. 60 mm, height: max. 350 mm
- 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
- 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)
- Equipment for manufacturing cases with round corners/  
radius 10 mm  
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 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
- Equipment for remote diagnosis,  
coupling with KOLBUS 3-60, model AFS 702
- Antistatic table available

▼ Processing digital print products:  
DA 270 centre-strip cutter capable of varying centre-strip width from cycle to cycle, making it ideal for photobook production systems



## 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 Nm<sup>3</sup>/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

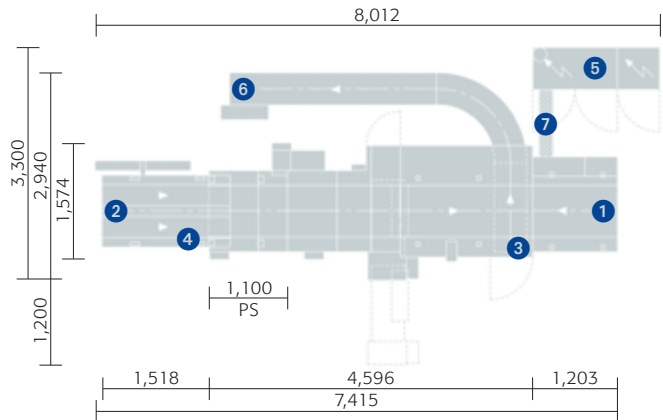
### Weight

- 5,850 kg

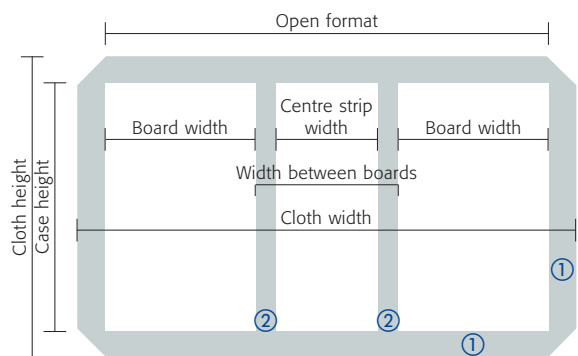
### Electrical equipment

- 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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