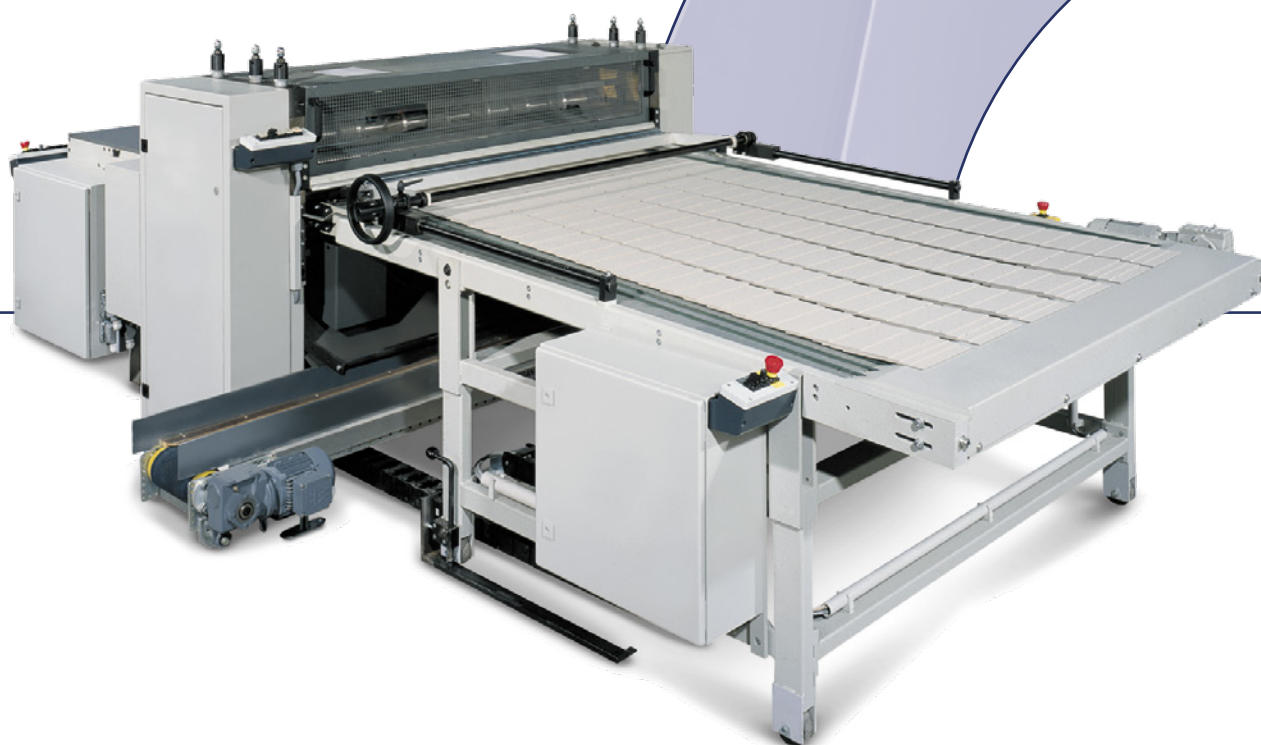


ROTARY BOARD CUTTER

For cutting board sheets into finished cut-to-size blanks
in 2 operating processes

Rotary board cutter PK 170

PK 170
30 – 120 m/min



Technical data



KOLBUS Rotary board cutter PK 170

For cutting board sheets into finished cut-to-size blanks in two operating processes.

Equipment variations

Standard equipment

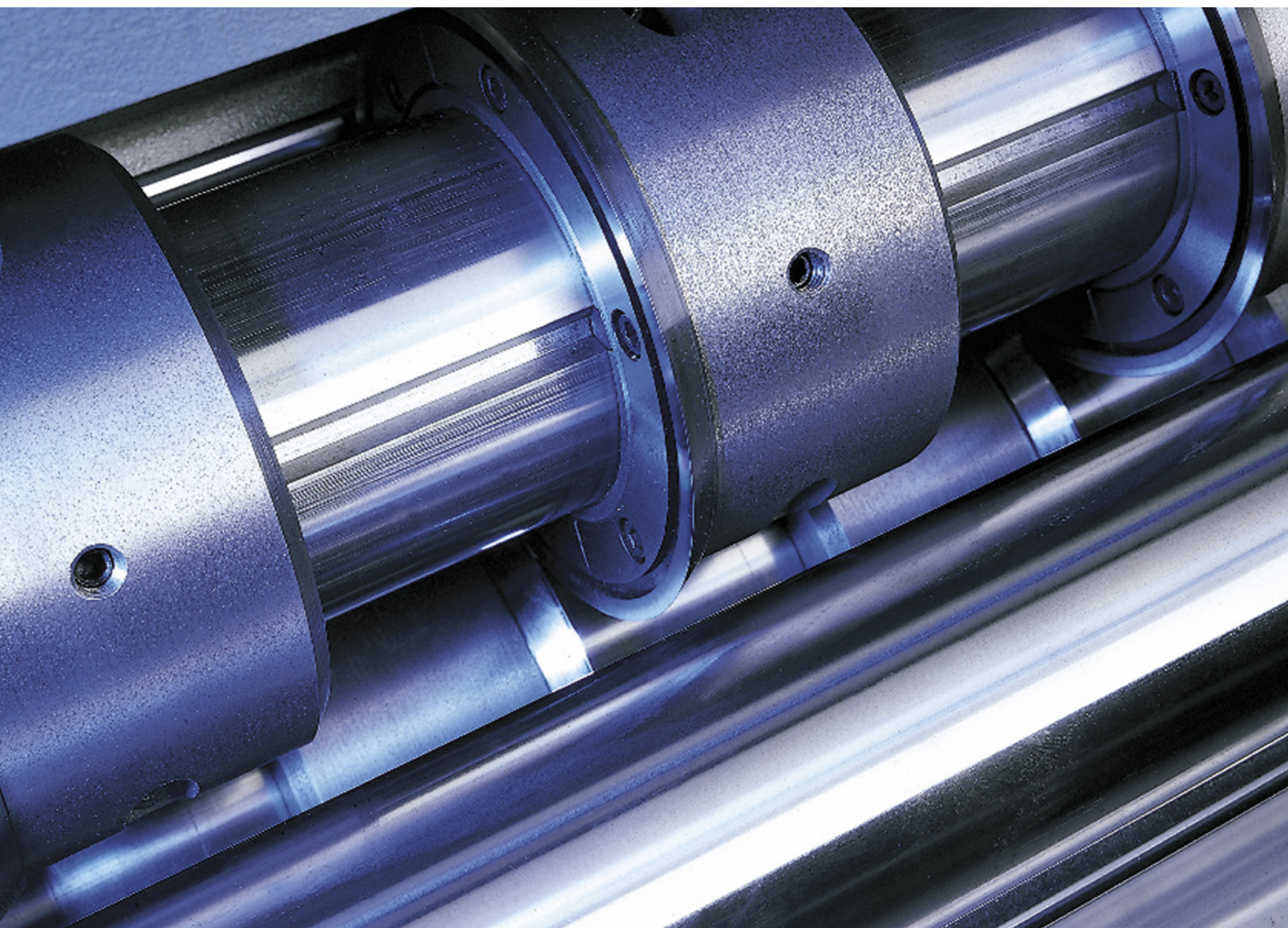
- Hand feeding table, incl. lateral sheet guide at left-hand
- Strip infeed device for a right-angled infeed into the intake pair of rollers with 2 sets of exchangeable pushers for different board thickness, steplessly adjustable for strip widths between 150 and 480 mm in running direction
- Magazine feeding consisting of angled guides and
- 2 front strippers adjustable to the board thickness
- 1 pair each of precision adjustable steel intake and outfeed rollers (80 mm diameter)
- 1 pair of knife shafts (100 mm diameter) with 8 pairs of divided knife sleeves and divided acute circular knives (160 mm diameter)
- 2 circular knives and 1 knife sleeve as a substitute
- Central lubrication system, hand-operated
- Integrated electrical cabinet
- Safety standard according to CE directives and specifications

Alternative equipment

- Delivery
- Deposit table
- Stream delivery / Continuous removal of the blanks without interrupting the cutting process (edge strip choppers required)

Optional equipment

- 1 additional pair of outfeed rollers with edge strip choppers (up to 100 mm edge strip width) with outlet at the right and left (a transport belt for cutting waste is required)
- Straight edge strip cutting waste transport belt, Length 2,500 mm
- Transport belt for cutting waste removal into a skip, transport height: 1,300 mm
- 1 additional standard circular knife, divided (max. 12 pairs per machine)
- 1 additional knife sleeve, divided (max. 12 pairs per machine)
- Manual knife setting aid (adjustable stop with digital display for the positioning of the circular knives)



Knife shaft

Technical data

Working width

- o Original board format
min. 600 mm | max. 1,400 mm

Cutting width

- o min. 85 mm | max. 1,380 mm

Finished size (Width x length)

- o min. 85 x 150 mm
max. 1,380 x 480 mm (with infeed device)

Board thickness

- o 1 – 4 mm

Feeding table

- o Working height 900 mm | depth 1,070 mm

Mechanical speed

- o Linear cutting speed
infinitely variable 30 – 120 m/min*
 - o Strip-infeed device
infinitely variable up to 220 cycles/min*
- *Net production is subject to sizes and materials

Machine dimensions/weight

Deposit table

- o Length 3,050 mm without edge strip choppers
- o Length 3,170 mm with edge strip choppers
- o Width 2,130 mm
- o Height 1,205 mm

Weight 2,100 kg

Stream delivery

- o Length 3,825 mm with edge strip choppers
- o Width 2,130 mm
- o Height 1,205 mm

Weight 2,500 kg

Electrical equipment

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



Rotary board cutter PK 170 with inclined deposit table