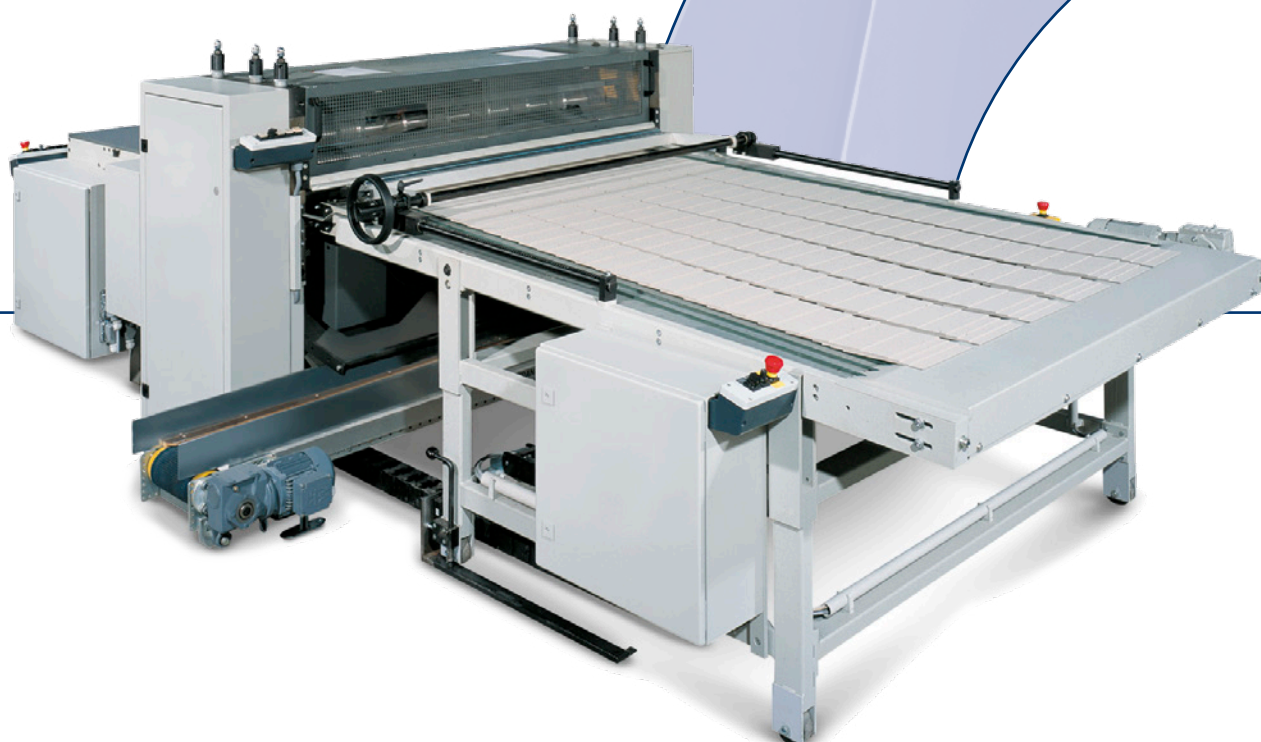


# ROTARY BOARD CUTTER

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

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

- o Manual feed table, incl. lateral sheet guide on left-hand side
- o Strip infeed device for an angle-correct infeed into the infeed roller pair with 2 sets of interchangeable push-in units for different cardboard thicknesses (infinitely adjustable for strip widths ranging between 150 mm and 480 mm in throughfeed direction)
- o Magazine feeding unit consisting of angular guides and 2 front feed gates adjustable to cardboard thickness
- o 1 pair each of the precision adjustable intake and pull-out rollers made of steel (80 mm diameter)
- o 1 pair of cutter shafts (100 mm diameter) with 8 pairs of divided cutter sleeves and divided, acute circular cutters (160 mm diameter)
- o 2 circular cutters and 1 knife mounting as spare
- o Central lubrication with manual pump
- o Integrated switch cabinet
- o Safety standard in accordance with EC directives and standards

### Alternative equipment

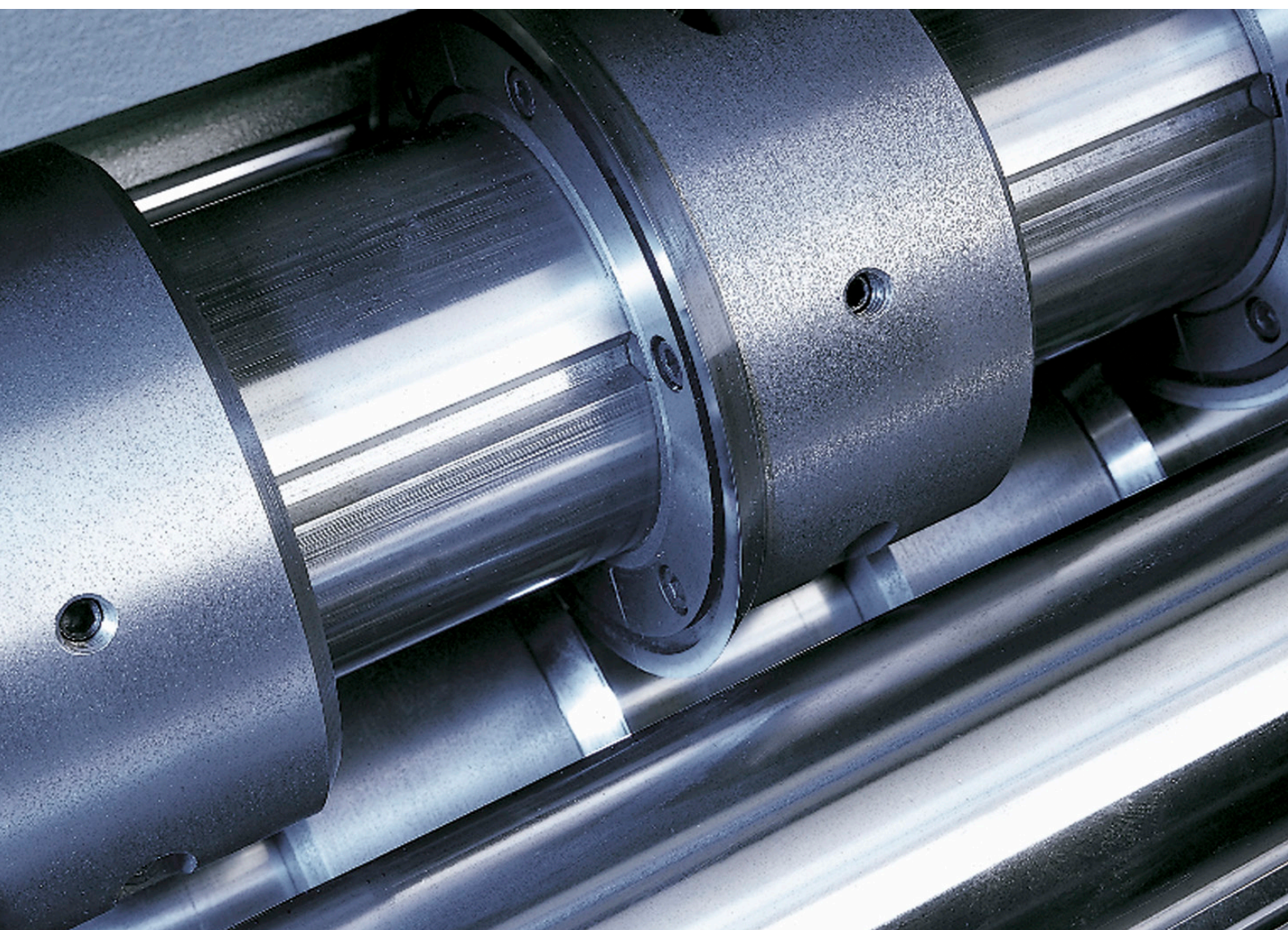
- o Delivery
- o Catching tray holder
- o Shingled stream delivery / continuous removal of the blanks without interruption of the cutting process (edge strip chopper required)
- o Coupling with CS 171

### Optional equipment

- o Additional pair of pull-out rollers with edge strip chopper up to a edge strip width of 100 mm (straight edge waste strip transport belt required)
- o Straight edge waste strip transport belt, Length 2,500 mm
- o Conveyor belt for waste strip removal into a container, transport height: 1,300 mm
- o 1 additional standard circular cutter, divided
- o 1 additional knife holder, divided
- o Manual knife adjustment aids (adjustable stop with digital display for the positioning of the circular cutters)







Cutter shafts

## 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)

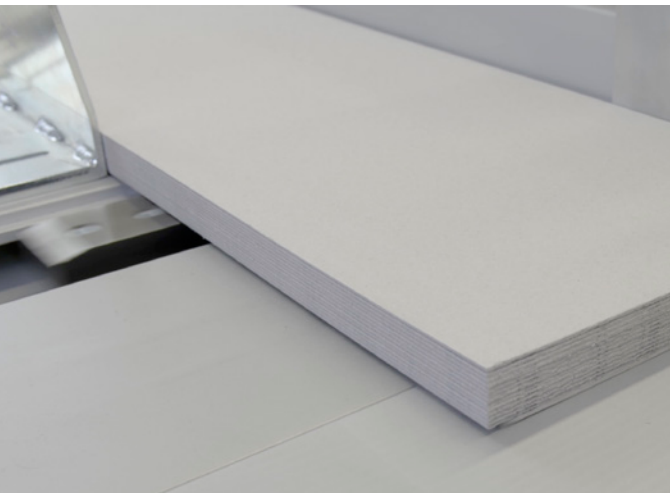
- o min. 85 x 150 mm  
max. 1,380 x 480 mm (with infeed device)

### 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

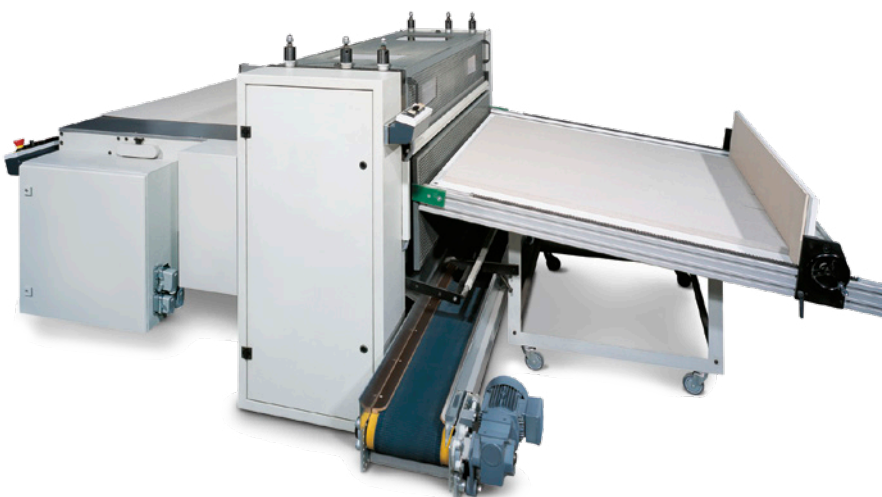
### Stream delivery

- 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