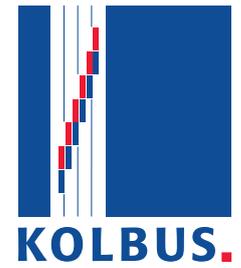


Technical data



# Compensating stacker KL 501

up to 18,000 cycles/h



# KOLBUS Compensating stacker KL 501

For using as a compensating stacker following a three knife trimmer, for stacking of book blocks, brochures and magazines.

## Equipment variations

### Standard equipment

- Copilot system with two touchscreens
  - Product counter (job, shift and start/stop counter)
  - Indication of machine malfunctions
  - Operator guided malfunction elimination
- Infeed with upper and lower belt
- Counter unit
- Upper bin unit with two pre-stacking levels
- Lift with exchange plates for 5 different sizes, for a cycled lifting and lowering of the turntable pick-up which minimizes the drop height of the products to be stacked
- Servo drive for the pusher
- Servo turntable for 0°, 90° or 180° turn
- Electrical format adjustments for the turntable pick-up (book height and book width) to adjust in running production
- Electrical preparation for line control when being integrated in a KOLBUS production line
- Speed synchronisation for coupling with an upstream machine (e.g. three knife trimmer)
- Servo-controlled drive technology based on Siemens SIMOTION D
- Smart Line Module for energetic recovery of operating power in the line network
- Safety standard according to CE directives and specifications

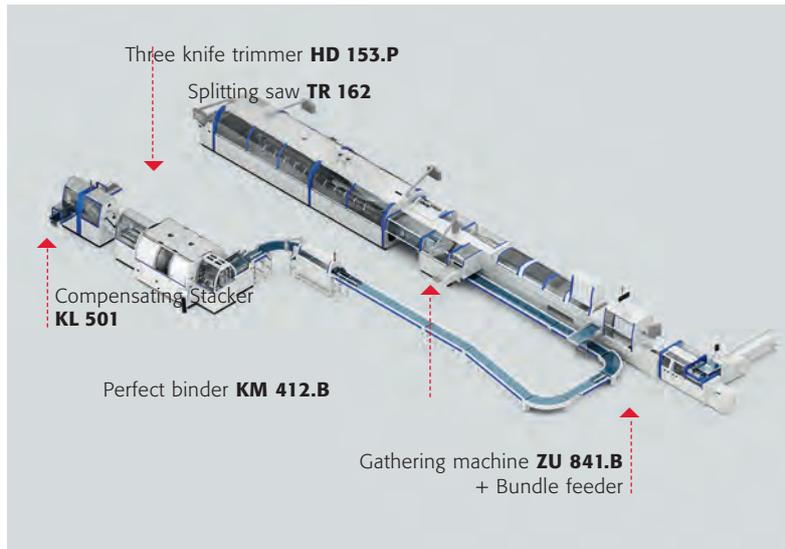
### Alternative equipment

- Left-hand **and/or** right-hand delivery
  - Roller delivery incl. protective tunnel
  - Delivery conveyor incl. protective tunnel
  - Coupling with a stack aligner, model SR 500, with lateral alignment for a safe transfer of the product stacks into a downstream machine
- Automatic **or** manual size adjustment correction during running production is possible

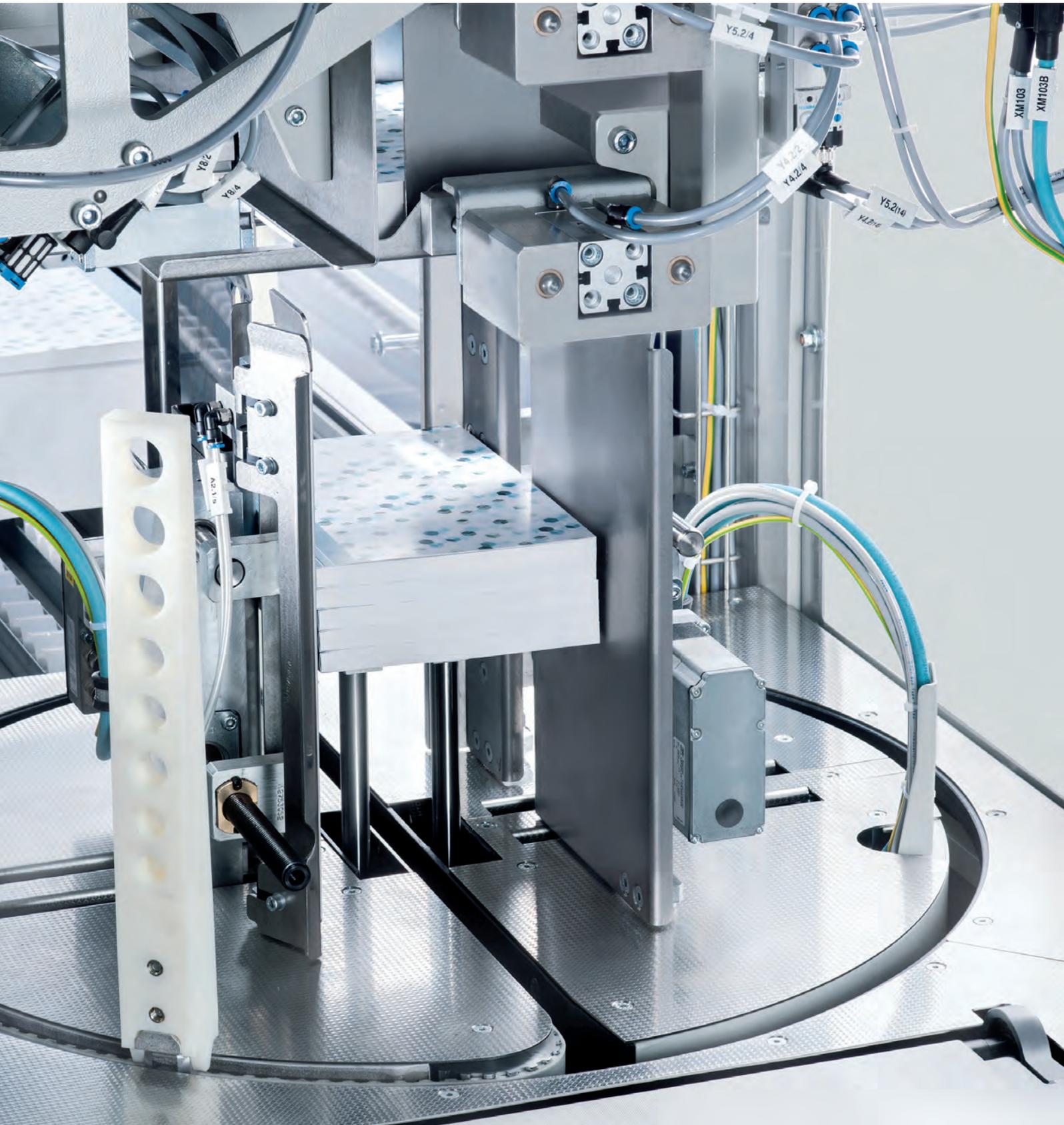
### Optional equipment

- Small format attachment (width x height)  
Size range min. 70 x 100 mm
- Device for product tracking
- Device to pre-select product alignment after delivery
- Equipment for remote diagnosis, coupling with KOLBUS 3•60, model AFS 702

- ▼ Photo 1 – KOLBUS inline production system with KL 501
- Photo 2 – Machine view from backside
- Photo 3 – Copilot system with touchscreen



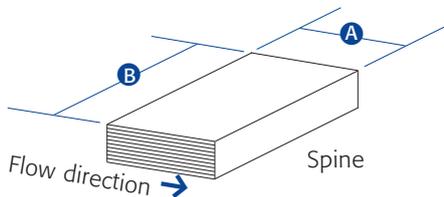
▼ Stacking area KL 501



## Technical data

### Size range

- Width A x height B x thickness  
max. 320 x 420 x 80 mm | min. 100 x 125 x 2 mm  
Size range for 90°  
Turn before ejection  
max. 320 x 320 x 80 mm | min. 125 x 125 x 2 mm



### Stack height

- max. 330 mm

### Infeed height

- 900 mm (+/- 50 mm)

### Delivery height

- 900 mm (+/- 50 mm)

### Operating capacity

- max. 30 stacks/min  
Subject to equipment, product, stacking patterns  
and product alignment after delivery

### Mechanical speed

- up to 18,000 cycles/h (infeed)  
Net production is subject to sizes, materials etc.

The customer has to provide:

### Compressed air requirement

- 12 Nm<sup>3</sup>/h

### Factory line pressure

- 6 bar

### Compressed air supply

- see extra sheet

### Machine dimensions

- Length 2,804 mm
- Width 1,058 mm
- Height 1,800 mm

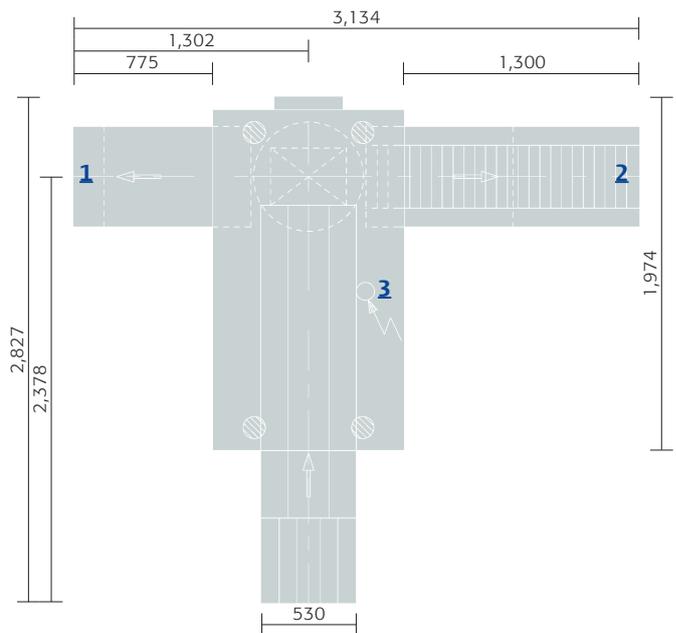
### Weight

- 1,050 kg

### Electrical equipment

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

## Footprint compensating stacker KL 501



- 1 Delivery conveyor
- 2 Roller delivery
- 3 Compressed air supply

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