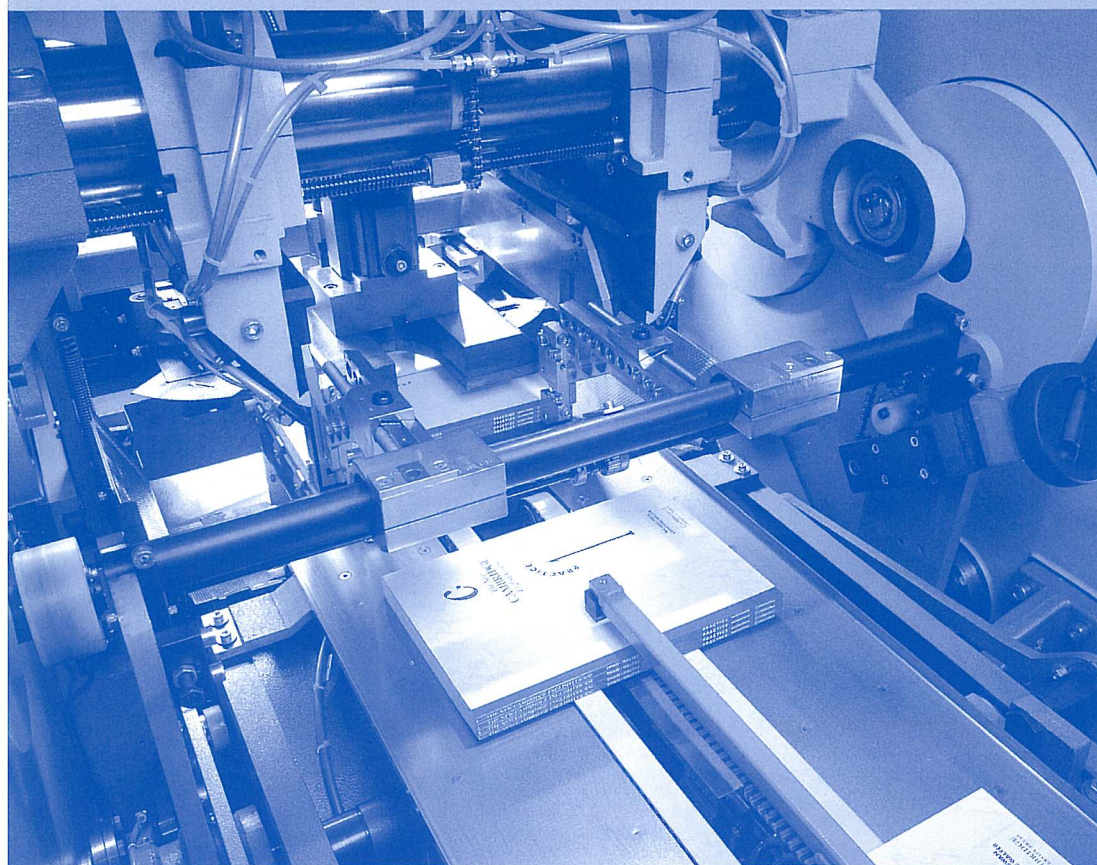
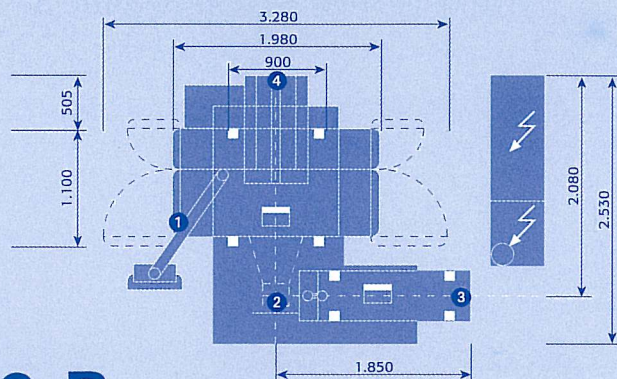
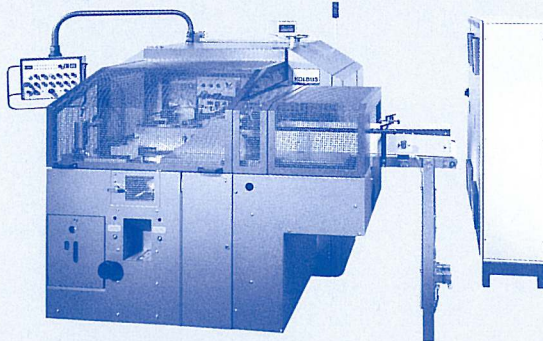


**KOLBUS** → Technical Data  
High capacity three knife trimmer  
**PEGASUS HD 150.B**



For three side trimming of book blocks and brochures, used as an individual machine or within production lines.





# PEGASUS HD 150.B

- ① Connection compressed air
- ② Waste-exhaust, Ø 250 mm
- ③ Infeed height, approx. 1.200 mm
- ④ Delivery height, approx. 930 mm

## EQUIPMENT VARIATIONS

### STANDARD EQUIPMENT

Counter stacker for products thicker than 2 mm or delicate products.  
 With counter stacker max. 9,000 single products/h,  
 Without counter stacker max. 10,000 single products/h  
 Optical speed indication for the required running speed of the three knife trimmer used for inline operation  
 Pile magazine for products thicker than 5 mm  
 Transport by grippers into the trimming station with the spine leading  
 2 sets of knife cassettes  
 2 sets of knife protection sheaths  
 5 pieces of holders for pressing plates  
 Knife setting gauge  
 One set of one-piece cutting tables  
 (23 tables are available. Thereof 12 tables comprising the most important sizes being supplied as standard.  
 11 additional tables are available as optional equipment.)  
 Motorized format adjustment for pressing block height, cutting table, side knives, and lateral alignment left/right  
 Cut counter  
 Automatic central lubrication system  
 Line control  
 Safety standard according to CE directives and specifications

### ALTERNATIVE EQUIPMENT

Right-hand or left-hand infeed  
 Prepared for connection to a central trim waste extraction system (1 connecting piece)  
 Prepared for connection to a central trim waste extraction system with separate off-cut removal ducts  
 (2 connecting pieces for side and front cuts incl. fitting parts to convert to 1 connecting piece)  
 Scales in mm or inch

### KNIVES

Standard knives  
 Hard metal knives  
 Marathon knives

### CUTTING STICKS

For standard knives  
 For hard metal knives or Marathon knives

### OPTIONAL EQUIPMENT

Spraying device  
 Tool cabinet  
 Device for shingled stream infeed  
 max. feeding 20,000 single products/h  
 (Production with the pre-stacker is not possible)  
 Cutting tables and pressing plates  
 (see ›Standard Equipment‹)

## OPTIONAL EQUIPMENT FOR IN-LINE OPERATION

Coupling with stacker or switch  
 Electrical connection for feeding conveyor  
 (required for the application of conveyors not manufactured by KOLBUS)

## TECHNICAL DATA

### TYPE HD 150.B

### SIZE RANGE STANDARD TABLES (TRIMMED)

Width x Height x Thickness  
 min. 100 x 160 x 2 mm  
 max. 300 x 304 x 80 mm  
 For this size range 12 tables will be supplied.

### SIZE RANGE MACHINE (TRIMMED)

Width x Height x Thickness  
 min. 100 x 120 x 2 mm  
 max. 300 x 380 x 80 mm  
 11 additional tables being available.

### SIZE RANGE (UNTRIMMED)

max. 305 x 400 x 80 mm

### STACK HEIGHT

max. 80 mm

### PRESSING POWER (INFINITELY VARIABLE)

max. 20 KN

### FRONT OFF-CUT WIDTH

max. 40 mm

### HEAD AND TAIL OFF-CUT WIDTH

max. 50 mm

### MACHINE DIMENSIONS

Length: 2,410 mm, Width: 2,260 mm, Height: 1,740 mm

### WEIGHT

5,200 kg

### COMPRESSED AIR REQUIREMENT

30 Nm<sup>3</sup>/h

### FACTORY LINE PRESSURE

6 bar

### AIR CONSUMPTION FOR OFF-CUT REMOVAL

4,000 m<sup>3</sup>/h, 2000 PA.

### MECHANICAL SPEED

up to 100 cycles/min

### FEEDING

max. 10,000 single products/h thicker than 5 mm  
 Net production is subject to sizes, materials etc.

### ELECTRICAL EQUIPMENT

230/400 volt, 3 phase, 50 cycles



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