

trim-tec 90e



**Dynamic.
Precise. High-performance.**



Three-knife trimmer trim-tec 90e

Inline high-performance three-knife trimmer with integrated counter stacker for perfect binding systems in the upper performance range.

Outstanding performance feature of the trim-tec 90e is the innovative new drive concept in dynamic-drive technology by which a considerable performance increase and significant reduction of the setup times can be realized.

This will significantly influence the book-binders organisation since setup times can be realized which till now were regarded as unrealistic – a great contribution to the efficiency increase of a total perfect binding system. Visible proof of this new technology is the new design of the three-knife trimmer, which takes ergonomic knowledge into account thus reducing the operator's workload.



Convincing advantages

- Closed cutting table and pressing plate for utmost gentle product handling.
- Easy access to cutting cell by disconnecting of the infeed unit from the cutting cell.
- Clutch-free drive concept.
- Smooth operation even with maximum speed.
- Format settings via Navigator e.
- Cam-shaped swinging shear cut on all knives.
- One-frame machine body guaranteeing high trimming quality and stability.
- Quick change from pusher- to counter operation.
- Optimised counting magazine for up to 12.000 products/h.
- Optimised off-cut disposal.
- No interchangeable parts for varying product heights and -widths.
- Servo-controlled correction of product positioning during running production.
- Significant reduction of setup time due to high degree of automation.





Advantages:

- Short setup time by a high degree of automation.
- Smooth running even with maximum machine speed.
- Closed cutting table for maximum gentle product handling.



Technical data – trim-tec 90e

Mechanical speed	500 – 5400 cycles/h
Product height, untrimmed	140 – 410 mm / 5.51 " – 16.14 "
Product width, untrimmed	105 – 320 mm / 4.13 " – 12.59 "
Product height, trimmed	135 – 380 mm / 5.31 " – 14.96 "
Product width, trimmed	100 – 300 mm / 3.93 " – 11.81 "
Pile height	2 – 70 mm / 0.07 " – 2.75 "
Product thickness, pusher operation	8 – 70 mm / 0.31 " – 2.75 "
Product thickness, counter operation	2 – 20 mm / 0.07 " – 0.79 "
Small size, trimmed	70 × 100 mm / 2.75 " × 3.94 "



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