

POLAR One-Knife Trimmer

POLAR One-Knife Trimmer BC-330

The robust, networkable POLAR one-knife trimmer is the machine for automatically cutting perfect-bound or saddle-stitched products. In contrast to a three-knife trimmer, it only has one knife. The product is put into the cutting position by a gripper.

The cut is hydraulic, which enables the time the knife spends in the bottom dead center to be adapted to the material. The robust cutting unit guarantees a precise cut that is gentle on the material. The applied pressure can be infinitely adjusted to every material to be cut within a large adjustment range.

To increase performance, several products, stacked on top of each other, can be cut simultaneously. The container for waste can be accessed from the outside.

The machine is operated using an ergonomically positioned 18.5" touchscreen display. Recurring cut sizes can be stored

and adapted at any time. Integrated in the digital workflow, the cutting data is transferred directly. The machine can be equipped with a bar-code reader to automatically launch the cutting program. This reduces the set-up time to practically zero.

The highlights

- Integration in the digital workflow
- Format can be varied from product to product
- Simple knife exchange with automatic shut-off in bottom dead center and fine adjustment from the front

Technical Data		
Performance (single multiple block)	Books/h	240 550
Inner book untrimmed min. max.	mm	120 x 152 305 x 330
Inner book trimmed min. max.	mm	105 x 148 297 x 325
Head trim min. max.	mm	2 100
Front trim min. max.	mm	2 100
Tail trim min. max.	mm	2 100
Book thickness min. max.	mm	5 51
Dimensions (W x D x H)	mm	1,780 x 1,530 x 1,580

