



The World of Bookbinding.

PräZis

Cover material shears with corner cutter HHS 3330

Cover material shears with built-in corner cutter

The **PräZis** is a device to cut to size the cover material of one-off full-bound book cases. It is equipped with stops for turn-ins and joint width so that no further measuring is necessary. The maximum cutting length is 580 mm.

The built-in corner cutter prepares the cover material for the casemaking, e.g. with our casemaker **PräDeck**.

The corners are cut off by pressing the plate of the corner cutter slightly using compressed air. Up to four sheets may be piled and cut at a time.



The corner cutter is also available individually without shears, (HHS 23/97), e.g. as a supplement to the **PräDeck**.



Technical data:

Floor space: 80 x 70 cm
Height: approx. 20 cm
Weight: 19 kgs
Air supply: 4 bar

Delivery includes:

Cover material shears with corner cutter and table extension

Optional:

Compressor for air supply

Subject to technical alteration.



The World of Bookbinding.

H.-H. Schmedt e. K. · Dwengerkamp 1 · D-21035 Hamburg · www.schmedt.de

Phone: +49 40 734 744-0 · Fax: +49 40 734 744-30 · e-mail: info@schmedt.de



The World of Bookbinding.

PräKant

Turning-in machine Type: HHS 6 E



Turning-in machine

The **PräKant** is a turning-in machine designed to turn in and press down the edges in the production of book covers, posters, calendar backs, notice boards etc.

This device is the perfect combination to our pneumatic casemaker **PräDeck** HHS 23, to our case press **PräKasch** HHS 15 and our case-rounding machine **PräRund** HHS 17.

Technical data:

Floor space: 113 x 87 cm

Height: 88 cm

Weight: ca. 150 kgs

Power supply:
400 Volt / 50 Hz / 0,2 kW
(three-phase)

Output: 60 - 100 pcs / h Subject to technical alteration

Sizes :

Case size (open incl. material overlap): 15 x 15 cm - 60 x 60 cm

Board thickness: 1.5 - 6.0 mm



The World of Bookbinding.

H.-H. Schmedt e. K. · Dwengerkamp 1 · D-21035 Hamburg · www.schmedt.de

Phone: +49 40 734 744-0 · Fax: +49 40 734 744-30 · e-mail: info@schmedt.de



The World of Bookbinding.

PräKant

The principle of operation:

At first, the **PräKant** turns in two opposite sides of the product.



Then the product is turned by 90°, so that the remaining two sides can be turned in.



The **PräKant** is equipped with a sliding hub which makes the machine adjust to different formats automatically. The production of both series as well as single books is therefore possible.

The **PräKant** is 88 cm high, so that it is only slightly lower than a normal work top. It is, therefore, possible to fit the machine into a working table. If there is not turning-in work to be done, a plate can be placed on top of the machine to be used as a normal working surface.

The turning-in apron consists of a very strong fabric which is coated to prevent it from getting soiled. Exchanging the apron for the spare one delivered with the machine is very easy and only takes a couple of minutes .

Other versions:

Type HHS 6 ES - or extremely large covers turns from 25 x 25 cm to 92 x 92 cm.

Other versions of **PräKant** have already been made to specification successfully. With these versions, it is possible to turn in cases of 120cm length. Offers are submitted by request.

- Advantages of PräKant:**
- No hollow edges as turning-in rollers adjust the product accurately
 - no adjustments to different sizes
 - wide format range



The World of Bookbinding.

PräziCase

Semi-Automatic Casemaker Type: SC-2

Semi-Automatic Casemaker

PräziCase is a semi-automatic machine for the production of one-off and multiple book cases. Without complex set up runs of 1 - 500 pieces or more can be produced economically.

Thanks to the unique control technology used in this machine, the size of the cases to be produced is secondary. All dimensions are measured by sensors and preset automatically. The machine achieves an output of 4 - 5 book cases per minute depending on whether corners are trimmed in the machine (machine with corner trimmer option) or whether the corners of the cover material have been cut off before. The machine is operated by one person, who glues the cover material (on a separate gluing machine) and puts the boards into place. The actual casemaking process with trimming the corners, turning in all four edges and finally pressing the case is done fully automatically. The corners are turned in neatly. After the long edge has been turned in, the corners are folded by means of two tuck fingers. Manual pressing as known for other systems is not required.



Technical data:

Floor space:	198 x 125 cm	Case sizes (open, incl. max. material overlap for turn-in of 19 mm):
Height:	127 cm	without corner cutter:
Weight:	350 kgs	Case height:
Power supply:	230 Volt / 50 Hz / 15 A (A.C.)	Case width:
Air supply:	6 bar	with corner cutter:
Output:	220 - 300 pcs / h	Case height:
		Case width:
		Board thickness:
		Spine width:

Subject to technical alteration.



The World of Bookbinding.

H.-H. Schmedt e. K. · Dwengerkamp 1 · D-21035 Hamburg · www.schmedt.de
 Phone: +49 40 734 744-0 · Fax: +49 40 734 744-30 · e-mail: info@schmedt.de



The World of Bookbinding.

PräziCase

The principle of operation:

Basic settings (e.g. if corners are to be trimmed and if so, at what distance to the case edge) are edited on the touchscreen display. If the basic settings are to remain unchanged, no new entries are necessary. Production may be started immediately. First glue the cover material on an off-line glueing

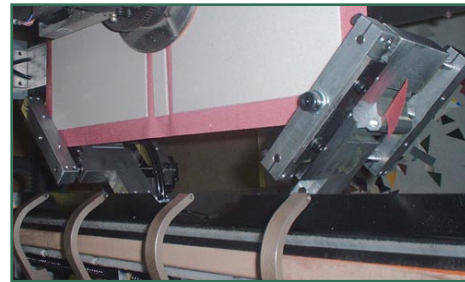


machine and place it on the machine table. The upper overlap of the turn-in is adjusted by a variable stop. Lateral adjustment is done by means of a centered scale on the table or, if the cover material is pre-printed by means of a built-in mirror case. When producing multiple cases (of the same size) a side stop facilitates alignment. Now the spine hollow is clamped between the joint bars. By pressing the cycle button, the joint bars are lowered and position the spine hollow on the cover material. The two boards are placed manually abutting the guide angle. Two sensor arms are now placed against the boards in such a way that they rest against the left and bottom board edges. They measure the size of the book case automatically. Now the working cycle is started by pressing the cycle button on the touchscreen. This will raise the joint bars, carry the cover/board assembly into the machine where it is collected by two rotating discs. At this stage, the boards are already pressed.

The rotating discs carry the case to the corner cutting device (optional). The first two corners are trimmed. Then the case is carried backwards to the turning-in rollers. The first long edge is turned in. At the same time, the corners are folded.

Then the case is turned by 180° and the process is repeated for the opposite side.

Then the two short edges are turned in one by one. The case is then led back to the front below the table



thereby running through the pressing-down rollers to press the whole surface again. When the spine hollow is of a thinner material, the machine may be adjusted in such a way that the cases come out vertically so that the pressing-down rollers also press the thinner material properly. The ready case leaves the machine after 12 - 16 seconds depending on whether the corners are trimmed or not. Therefore an output of 220 - 300 cases per hour is achieved. This output may even be achieved after short training as gluing the cover material and placing the boards may easily be done within 12 seconds.

Besides book cases almost any turned-edge product may be processed, among them cases for ring binders, menu covers, photo albums, folders and also products made in one piece such as calendar backs and poster supports.

Advantages of the PräziCase:

- No adjustments to different sizes
- The operator does not need to have technical skills
- Proven technology for great reliability
- The machine is versatile. Almost any turned-edge product may be processed
- The machine offers superior payback



The World of Bookbinding.

H.-H. Schmedt e. K. · Dwengerkamp 1 · D-21035 Hamburg · www.schmedt.de

Phone: +49 40 734 744-0 · Fax: +49 40 734 744-30 · e-mail: info@schmedt.de