**Prä Bookbinding machines**

*The complete solution for short-run and medium-size production of books.*

With their *Prä Bookbinding machines* Schmedt follows a trend: books on demand. One-off books and short-run production is more demanded than ever. Our machines are the ideal solution to any job related to short-run and medium-size production of books. We offer machines for:

- book block-making (fanbinding)
- case-making (manual and automatic)
- hot-foil stamping (manual and computer-controlled)
- final processing (casing-in and joint-setting)

Regarding performance and operation, the machines are fully compatible and designed for combined use. Therefore the maximum output is achieved by using the complete line.

If you already have other machines, you may replace them individually, e.g. for case-making. Or if you just start with the production of books you may start with individual machines and build up the line step by step.

In order to achieve perfect results with the machines, we also offer anything required for binding: from scissors to glue, from grey board to cover material.
**Prä Book block-making**

**PräFalz** HHS 34
Preprocessing device for magazines etc. which allows to accurately apply a self-adhesive paper strip to a cardboard cover prior to fan-binding. With built-in rotary cutter. Cutting length: 340 mm.

**PräCut** HHS 65
Machine for the simultaneous cutting and notching of book block and magazine spines prior to fan-binding. These notches improve the durability of the fan-binding considerably, especially when art paper is being used. The cutting depth is adjustable from 3 to 9 mm which allows to cut off staples.
Book block thickness: up to 80 mm, book block height: up to 350 mm.

**PräGlu** HHS 32
Manual fan-binding device with 650 mm working width to fan-bind book blocks and newspapers. May also be used as a book clamp for other jobs to be done on the book block such as removing staples.
Including glue clamp and drying clamp.

**PräColl** HHS 10
Semi-automatic fan binder designed to fan-bind library books and other high-quality bindings. Available as Type HHS 10 G with built-in jogger for flat backs and as Type HHS 10 RR for round and flat backs with different rounding blocks.
Block thickness: 4 - 80 mm, block width: 70 - 300 mm, block height: 50 - 345 mm.
Also available as manual version Type HHS 11.
Prä Book block-making

**PräSeco** HHS 3320
Infra-red heated drying device designed to quickly dry book blocks after fan-binding. During the drying process, the book block remains in the clamp. Width: approx. 100 cm, with optional extension frame approx. 200 cm.

**PräPara** HHS 3310
Book back heating plate with built-in thermostat to heat up the back of book blocks prior to rounding. Heating different sizes or several book blocks or newspaper volumes is possible as the inclination of the heating table is adjustable. Heating area: 650 x 110 mm
The device is used when an existing rounding machine does not have a heated rounding bar.

**PräLomo** HHS 26
Pneumatic book back rounding machine to round book blocks in a large size range. Suitable for frequently changing block thicknesses during one-off and multiple production. The machine works with a heated rounding bar. Max. book block thickness: approx. 80 mm, max. book block height: 520 mm. Also available as manual desktop model Type HHS 25 with 350 mm max. block height.

**PräPress** HHS 45
Pressing clamp to press fan-bound book blocks. This pressing clamp is used in combination with a nipping press or hydraulic press. Afterwards, it may be removed from the press and maintains the pressure, i.e. the press is ready for the next process. Pressing boards with guide rods facilitate the neat piling of the book blocks. These boards are available in different sizes.
Prä Casemaking

PräZis HHS 3330
Cover material shears to cut to size the cover material of one-off full-bound books. With built-in pneumatic corner cutter. Cutting length: 580 mm
The corner cutter is also available as a stand-alone device (without shears).

PräDeck HHS 23
Casemaker for the production of single (assorted) cases as well as small and medium-sized series of cases. The hollow width is progressively adjustable from 6 to 90 mm. Pneumatic device with illuminated mirror case with centre line to align pre-printed cover materials. Also available with suction table. Also available as manual device without mirror case as Type HHS 13.

PräKant HHS 6
Turning-in machine for case sizes (open incl. material overlaps) from 15 x 15 cm up to 60 x 60 cm or as special version from 25 x 25 cm to 92 x 92 cm. No individual setup required. Turns in two opposite sides in one process. For board thicknesses from 1.5 - 6.0 mm.

PräKasch HHS 15
Case press to press book cases, posters, calendar backs etc. after turning-in. Either with flexible rubber plate for book cases or flat plate for posters etc. Pressing area: 60 x 38 cm. Available as desktop model or with stand.
**Prä Casemaking**

**PräziCoat 500**

Two-roller gluing machine to glue the cover material. Special version for hot animal glue, e.g., for laminated cover papers. With automatic water feed. Roller width: 500 mm

**PräziCase SC-2**

Semi-automatic casemaker for one-off and multiple production of book cases. No adjustments to different sizes. Available with or without built-in automatic corner cutter.

Case sizes (open, incl. max. material overlap for turn-in of 19 mm): without corner cutter: Height: 206 - 446 mm, Width: 257 - 749 mm; with corner cutter: Height: 168 - 406 mm, Width: 229 - 660 mm

**PräRund HHS 17**

Case-hollow rounding machine to round the spine of book cases from 10 mm to 120 mm of width. No adjustments to different sizes, therefore an output of up to 300 cases per hour can be achieved for both single (assorted) books and series. Available with 45 cm and 60 cm working width. Also available on castors.
Prä Hot-foil stamping

**PräGnant** HHS 30
Manual blocking press for one-off titles and small series. With tilting table, size: 430 x 500 mm. Available with a wide range of accessories such as different typeholders, blockholder, centraliser, grooving tools as well as a round-blocking plate to block shapes and decorative elements.

**PräziMark** PMK 202/203/404
Computer-controlled hot-foil stamping machine for multiple-line stamping, one-off personalization and jobs requiring frequent copy changes. The machines works with a heated printwheel with 90 and/or 180 characters (depending on the model). **PräziMark** uses engraved brass characters. More than 500 different styles are available. Standard delivery includes a software package. The standard package for binderies is **PräziData**, a book title data base with customer administration. For personalization we supply **PräziName**, a package for name-printing including an import module for lists of names. Also available with automatic feeder for different products.
Prä Final processing

PräLeg HHS 1805
Processor-controlled casing-in machine for a wide range of sizes for both single (assorted) books and series. Control and programming of the settings via micro-processor. Also special sizes as well as the production of photo albums is possible. No adjustments to different sizes.
Standard machine for hard-cover books, with special accessory also suitable for soft-cover and very small books.
Block thickness: 2 - 80 mm, block width: 110 - 450 mm (with special accessory as of 60 mm), block height: up to 340 mm with standard version, up to 440 mm with special version.

PräForm HHS 21
Case press and joint-setting machine for a large size range. Machine presses the book after casing-in, burning-in the joint at the same time by means of heated joint bars. Pressing time, pressure and temperature may be adapted to the needs of the binding material.
Book height: up to 520 mm, book width: 120 - 400 mm, book thickness: 8 - 100 mm.
**Prä Material**

Detailed brochures for each machine are available by request. You may also obtain these informations from our website www.schmedt.de

To achieve the optimum results, we also offer all materials and tools required for the production of books. Being wholesalers for bookbinding and printing supplies, we not only sell materials for making books but also for catalogues, folders, mailings etc. We stock more than 8,000 products. And if items are not in stock or not included in our standard range, we will try to get them for you.

**PräPapp**
Grey board, hard board, photo board, cover board, blotting board, press board, end paper, deckle-edge paper, cover paper, marbled paper, Japanese paper etc.

**PräGaze**
Binding mull, cover material, cloth, leather cloth, leather, backliner, calico, non-woven, etc.

**PräTool**
Scissors, knives, brushes, traditional wooden tools, marbling accessories, finishing tools, stamping type etc.

**PräMat**
Glue, marbling colour, edge-gilding colour, adhesive tape, book protection film, adhesive dots, adhesive pouches, filing accessories, book screws, file mechanisms, headband, ribbon, cords etc.

For detailed information please ask for our general catalogue! You may also see our products on our website www.schmedt.de where they may also be purchased directly through our online shop!

Subject to technical alteration or change of accessories.