



BDM SPEED
High Quality Casemaker



BDM Speed

High speed 85 per minute
casemaker

Books cases
Ring binders

Letter files
Game boards

The **BDM Speed** is a high speed casemaker with an output of 85 cases per minute, specially designed to meet the requirements of medium and large size companies, for the production of book cases with rigid or flexible spine, as well as one-piece cases for ring binders and letter files.

This machine incorporates numerous digital servo drives for short, precise repeatable setup and adjustment of all critical settings.

Operation

The front and back boards are fed via a pre-pile belt into the hopper. Boards are then fed into the machine and registered by pushers to achieve perfect alignment with the cover material.

The **BDM Speed** can be operated either with flexible spine from a roll or rigid spine fed from the board hopper.

An optional modular in-line board cutter eliminates pre-cutting of board for cases with rigid center board.

The cover material is transferred from the bottom of the non-stop feeder to the gripper cylinder for glue application. Board and cover materials are combined in continuous rotary motion, which guarantees bubble-free gluing.

The combination is transferred via a belt mounted gripper transport into the head / tail folding and corner tucking station in intermittent motion.

Flexible, rotary brushes make the folds of the cover material, from an upright position. During transport through the folding stations, the folds in the area of the thinner flexible spine are firmly pressed.

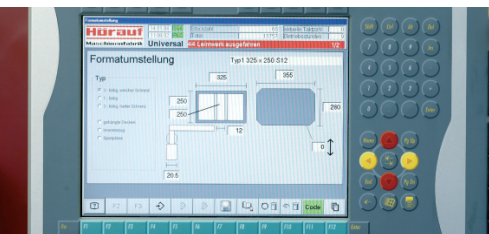
The cases are then transported through the final pressing station for additional pressing. A counter stacker delivers piles of finished cases on to a roller conveyor and back to the operator.

Special features

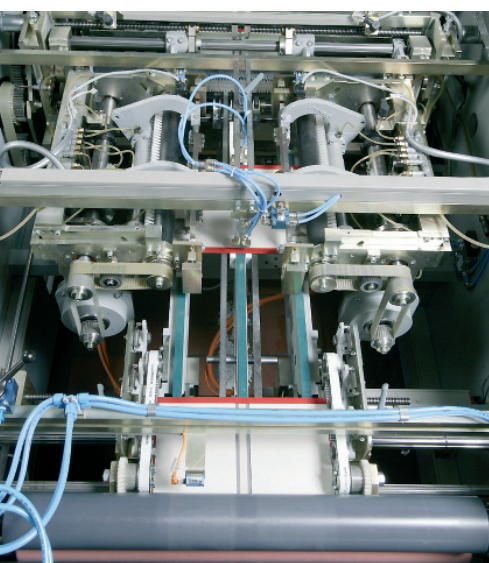
- > Very short makeready
- > Adjustments on-the-fly
- > Unlimited job database
- > Digital servo drives ensure accurate, repeatable settings
- > All machine operations completely visible to operator
- > Highly reliable/versatile non-stop cover feeder
- > Precise board/cover register
- > Most easy fast changeover/cleanup
- > Ergonomic operating position
- > Extraordinary accesability
- > Program updates/machine diagnostics via modem



Board pre-pile belt



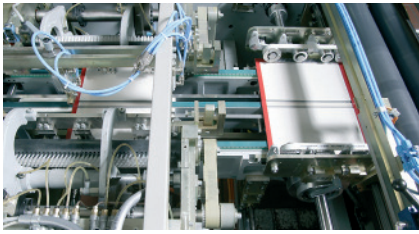
All important information is shown on the display



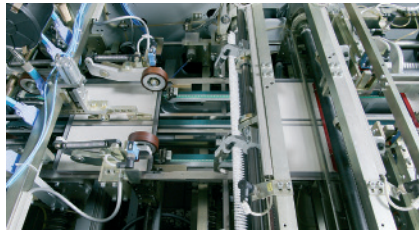
Working process always visible to operator

Options

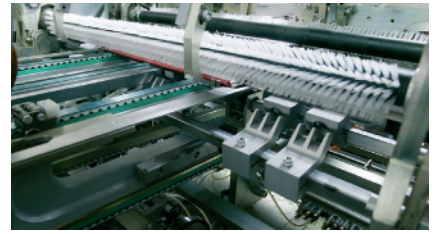
- > Modular in-line board cutter
- > Equipment for producing one-piece cases (ring binders, letter files) and 2-piece cases (game boards)
- > Equipment for producing 3-piece cases (quarterbound)
- > Equipment for producing 4-piece cases (double center strip) for desk calenders
- > Inside lining with cold glue
- > Enlarged center strip over 100mm
- > Sheeter/combiner for processing cover material in roll form and for producing quarter-bound cases in one pass
- > Spine splicing unit



Side folding station



Head/Tail folding and corner tucking station



Folding stations with brushes for superior case quality

BDM

BDM SPEED

High Speed Performance

BDM Short make ready



The **BDM Speed** offers very short changeover times with its automatic computer controlled size change.

It is the ideal machine for today's medium and long run production.

High Speed



The **BDM speed** produces up to 85 cases per minute with consistent high precision. The machine is excellently suited for the production of medium and long runs.

There are numerous options available for individual applications.

Visibility and accessibility



All machine operations are completely visible to the operator at floor level. The operator can permanently monitor the whole production, process which guarantees highest efficiency.

All working stations are easily accessible for perfect maintenance.



HORAUF

the art of engineering

BDM SPEED

High Quality Casemaker

Hörauf ist ein weltweit renommierter Hersteller von Spezialmaschinen für die Papier verarbeitende Industrie.

- Spezialmaschinen für die Buchdecken- und Ordnerproduktion
- Spezialmaschinen zur Papierbecherproduktion
- Spezialmaschinen zur Produktion von Schutzverpackungen aus Wellpappe



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