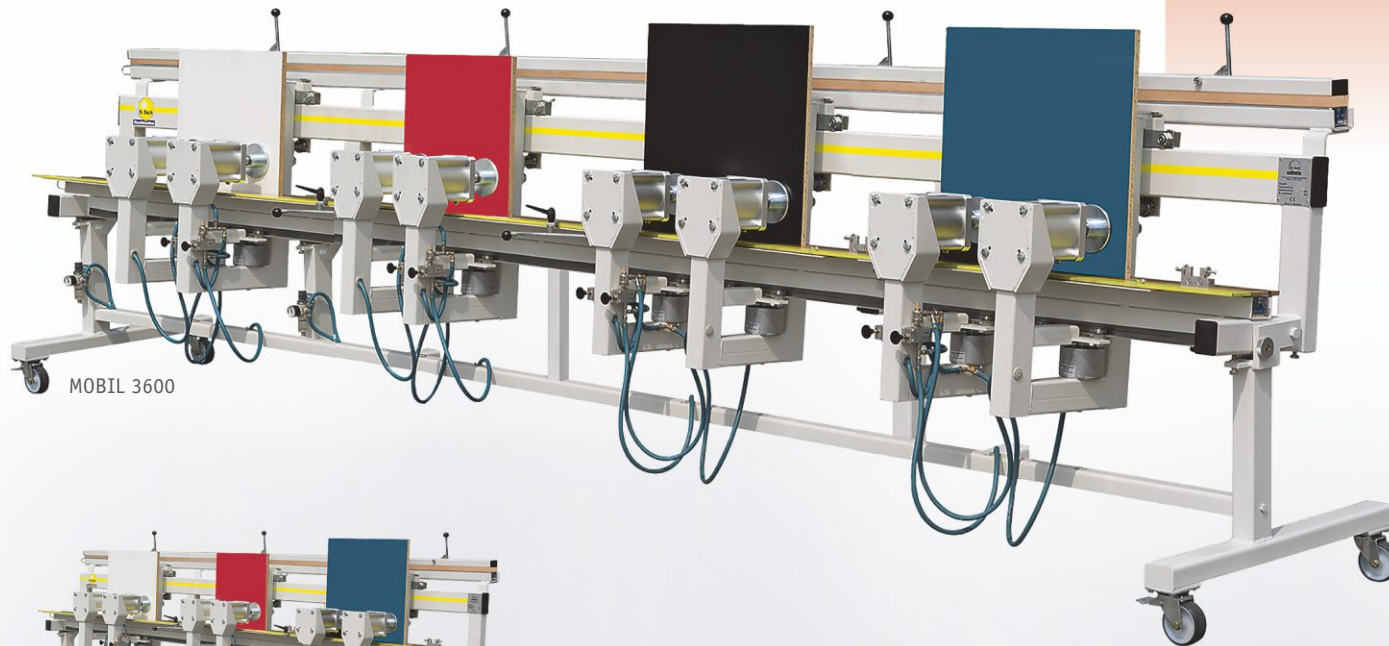




MOBIL

Solid Wood
Edgebanding Press



MOBIL 3600



MOBIL 3000



MOBIL 2500



Professional
Woodworking Equipment

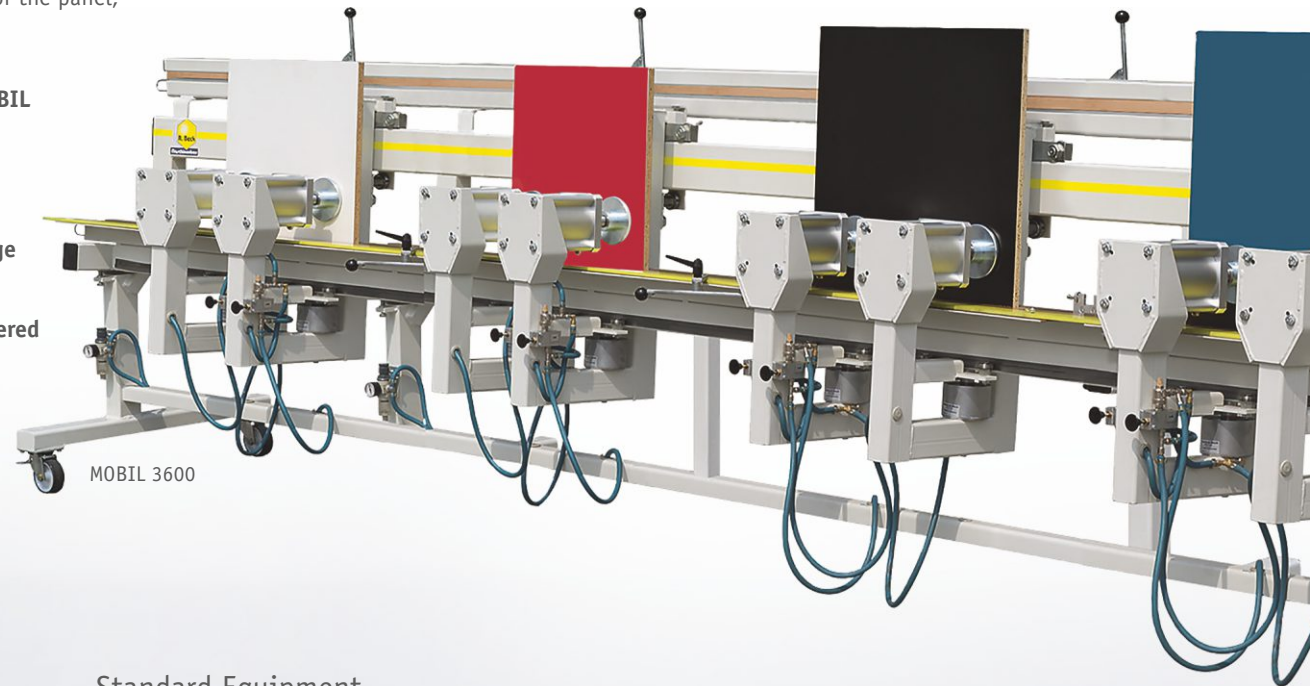
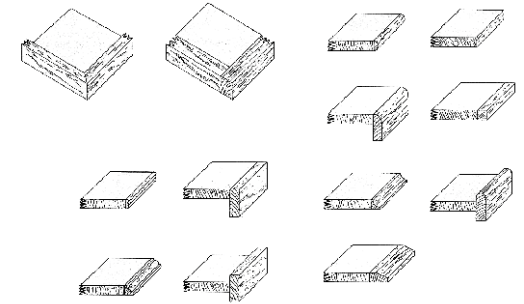
MOBIL 2500, 3000 and 3600 Series

MOBIL Edgebanding Presses are designed to quickly and precisely attach solid wood edges to panels made of common sheet goods such as MDF, particleboard, plywood, etc.

The MOBIL 2500, 3000 and 3600 series edge banding presses are the perfect choice for woodworking companies that manufacture hospitality, commercial and residential table tops, shelves, cabinets, architectural millwork, library and bank interiors, commercial and store displays, restaurant booth and tables, to name a few applications. Aside from standard square or butt-joined edges mitered corner edges can be applied quickly and easily. An adjustable miter stop is used to precisely align the inside corner of the mitered edge band with the edge of the panel, resulting in tight fitting miter joints on every panel.

- > Compared to manual gluing operations using bar clamps, etc. the MOBIL edgebanding press, by using heat and pressure, can attach a solid wood edge, 1" thick, in minutes. The same glue-up at room temperature would take at least 45 minutes.
- > Compared to a standard edgebander, the MOBIL can quickly apply edge profiles from as thin as veneer thickness up to 2" thick and 4" wide.
- > Compared to a large edgebander, the MOBIL can accurately apply mitered edges up to 2" wide, creating perfect miter joints.

For the above reasons, MOBIL presses have proven to be an ideal complement to existing edgebanders in many production facilities.



MOBIL 3600

The MOBIL 3600 is equipped with two heating elements and four pneumatic clamping stations; the heating elements are 3600mm long providing for a 12 foot working length. Each clamping station features two horizontal clamping cylinders to secure the panels and two vertical short-stroke cylinders to pull the panels down onto the edgebanding. Standard white or yellow PVA glue is used in combination with the adjustable heating elements to attach up to 2" thick and up to 4" tall solid wood edges without the need for special glue, splines or additional fasteners.

Standard Equipment

- > Tilting panel support frame for easier handling of large panels (horizontal operation)
- > Adjustable miter stop for precise corners on architectural grade panels
- > Separate controls for each clamping station to allow for continuous operation
- > Air regulator, filter, lubricator assembly installed
- > One main heating bar and one pre-heating bar with individual thermostats
- > Removable pre-heat bar for easier access during horizontal operation
- > Anodized heating platens to reduce scratching and glue build-up.
- > Heavy, solid welded steel frame and clamping stations on ball bearings assure long-term accuracy.

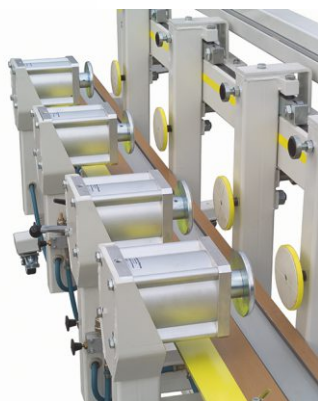
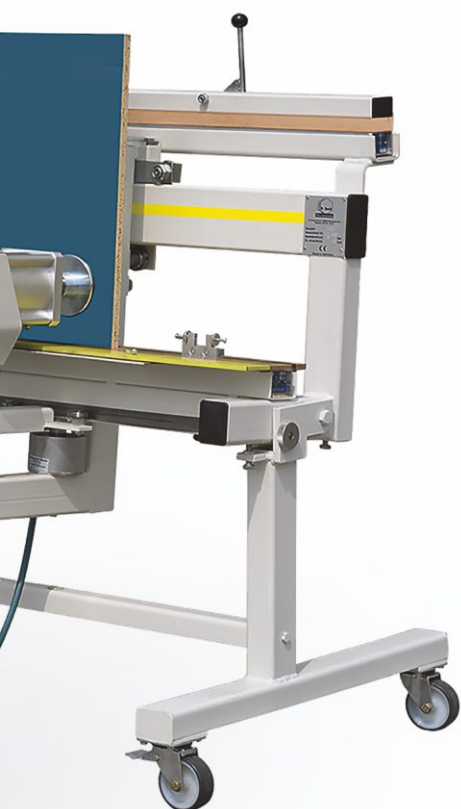


Adjustable
Panel Support

Solid steel construction

Precise Temperature
Control

Tight Miter Joints



Heavy cylinders with rubberized
pressure plates



Each station features two
horizontal clamping cylinders to
secure the panels and two
vertical short-stroke cylinders to
pull the panels down onto the
edgebanding.



All models are equipped with
individually controlled pre-heating
and main heating elements and two
(MOBIL 2500), three MOBIL 3000) or
four (MOBIL 3600) Pneumatic
clamping stations.



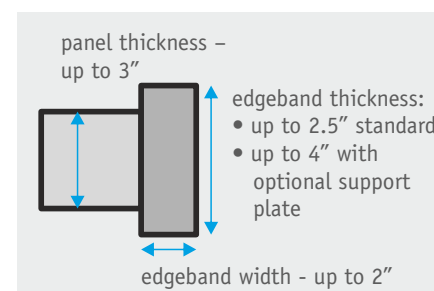
Moveable miter stop for precise
miter joints is included as standard
equipment. The adjustable stop-
bolt locates the panel edge exactly
at the inside corner of the wood
edgeband.



Miter joint



Square or butt joint



Glue bonds strong enough to remove the panel from the press are
achieved in minutes – actual press times vary with type of adhesive,
wood species and material dimensions.

Standard white or yellow PVA glue is used in combination with the adjustable
heating elements to attach up to 2" thick and up to 4" tall solid wood edges
without the need for special glue, splines or additional fasteners.

MOBIL 2500

Solid Wood Edgebanding Press

The MOBIL 2500 is equipped with two heating elements and two pneumatic clamping stations; the heating elements are 2500mm long providing for an 8 foot working length. Each clamping station features two horizontal clamping cylinders to secure the panels and two vertical short-stroke cylinders to pull the panels down onto the edgebanding. Standard white or yellow PVA glue is used in combination with the adjustable heating elements to attach up to 2" thick and up to 4" tall solid wood edges without the need for special glue, splines or additional fasteners.

Standard Equipment

- > Tilting panel support frame for easier handling of large panels (horizontal operation)
- > Adjustable miter stop for precise corners on architectural grade panels
- > Separate controls for each clamping station to allow for continuous operation
- > Air regulator, filter, lubricator assembly installed
- > One main heating bar and one pre-heating bar with individual thermostats
- > Removable pre-heat bar for easier access during horizontal operation
- > Anodized heating platens to reduce scratching and glue build-up.
- > Heavy, solid welded steel frame and clamping stations on ball bearings assure long-term accuracy.



Technical Data - MOBIL Series

MOBIL 2500

Power Supply	230 Volts, Single Phase, 1.5kW
Compressed Air	90 PSI - 6 bar
Max. Edgeband Size	98"(L) x 4"(W) x 2"(D)
Heating Elements	1 x pre-heater 1 x main element
Clamp Cylinders	4 (2 pair)
Individual Clamp Controls	2
Adjustable Miter Stop	Included
Dimensions	106"(L) x 48"(W) x 34"(H)
Weight	880 Lbs.
Order Number	BE2500100

MOBIL 3000

Power Supply	230 Volts, Single Phase, 1.5kW
Compressed Air	90 PSI - 6 bar
Max. Edgeband Size	118"(L) x 4"(W) x 2"(D)
Heating Elements	1 x pre-heater 1 x main element
Clamp Cylinders	6 (3 pair)
Individual Clamp Controls	3
Adjustable Miter Stop	Included
Dimensions	126"(L) x 48"(W) x 34"(H)
Weight	1,100 Lbs.
Order Number	BE3000100

MOBIL 3600

Power Supply	230 Volts, Single Phase, 1.5kW
Compressed Air	90 PSI - 6 bar
Max. Edgeband Size	142"(L) x 4"(W) x 2"(D)
Heating Elements	1 x pre-heater 1 x main element
Clamp Cylinders	8 (4 pair)
Individual Clamp Controls	4
Adjustable Miter Stop	Included
Dimensions	150"(L) x 48"(W) x 34"(H)
Weight	1,320 Lbs.
Order Number	BE3600100

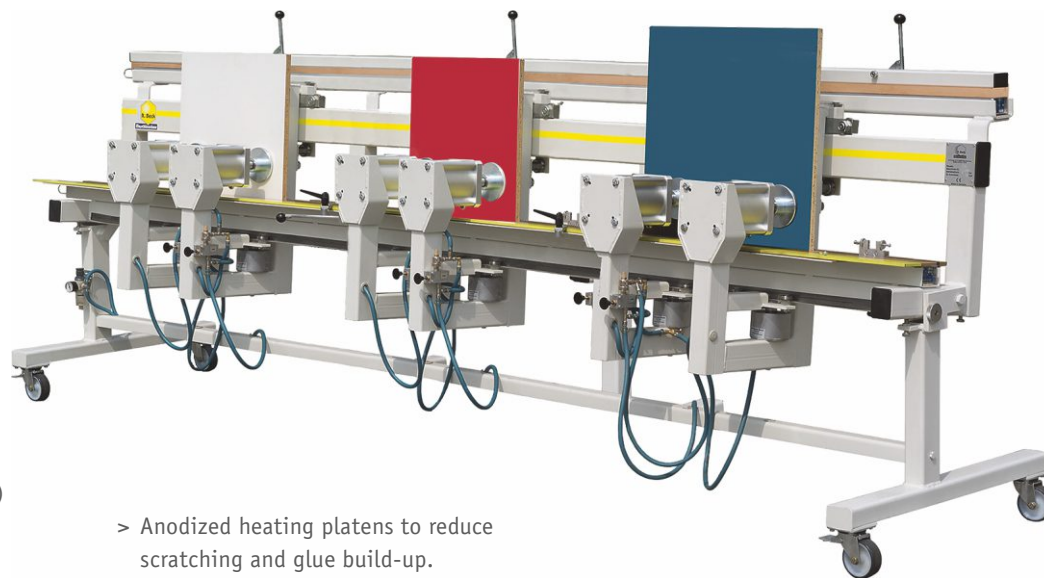
MOBIL 3000

Solid Wood Edgebanding Press

The MOBIL 3000 is equipped with two heating elements and three pneumatic clamping stations; the heating elements are 3000mm long providing for a 10 foot working length. Each clamping station features two horizontal clamping cylinders to secure the panels and two vertical short-stroke cylinders to pull the panels down onto the edgebanding. Standard white or yellow PVA glue is used in combination with the adjustable heating elements to attach up to 2" thick and up to 4" tall solid wood edges without the need for special glue, splines or additional fasteners.

Standard Equipment

- > Tilting panel support frame for easier handling of large panels (horizontal operation)
- > Adjustable miter stop for precise corners on architectural grade panels
- > Separate controls for each clamping station to allow for continuous operation
- > Air regulator, filter, lubricator assembly installed
- > One main heating bar and one pre-heating bar with individual thermostats
- > Removable pre-heat bar for easier access during horizontal operation
- > Anodized heating platens to reduce scratching and glue build-up.
- > Heavy, solid welded steel frame and clamping stations on ball bearings assure long-term accuracy.



Wear and Spare Parts - MOBIL Series

Pressure Plate
BE1000900



111 mm diameter, with white rubber surface

Support Plate
BE1000950



32 mm diameter, self-adhesive backing

Pneumatic Safety Valve
BE1000531 / BE1000533



for horizontal/vertical movement

Electric Thermostat
BE1000700



for all models

Heating Elements
BE1000750 / BE1000710



500 mm / 1000 mm lengths

BH-556 Edge Lipping Planer

Precision Power Planer for Flush-Trimming of Solid Wood Edges

The BH-556 hand-held power planer is designed specifically for flush trimming of solid wood edges, a process often tackled with a combination of routers, belt sanders and hand planes, with less than satisfactory results.

Typical applications in a woodworking shop include

- > solid wood edges on tabletops
- > thin veneer edgebanding on bookshelves
- > wood edges on exposed wall panel systems
- > flush trimming of adhesive seams on solid surface panels
- > curved edges on laminated store fixtures
- > flush-trimming of face-frames on cabinet sides
- > hardwood edging on rounded architectural panels

Manufactured in Switzerland, the machine features an innovative self-locking blade adjustment in 4/1000" (1/10mm) increments. Once set, the setting remains in place until changed by the operator, eliminating the chance for inadvertent damage to the workpiece. Solid hard and softwood edges as well as veneer and laminate edgebanding is trimmed in a single pass; edges wider than 2 1/4" are planed in multiple passes.

Technical Data

Power Supply	120 Volt, 60 Hz, 1,400-watt motor
Motor	26,000 rpm
Cutter head	16,000 rpm
Knives	2 1/4" wide, solid carbide, double-sided

Weight	11 lbs.
Warranty	One year on parts and workmanship
Order Number	E 202000



Original Replacement Knives
(200807055-1) solid carbide,
double sided, with alignment groove.
Sold in packs of ten knives per pack

Whenever a job requires the flush-trimming of solid wood edges on panels, in the shop or on site, the BH-556 does the work quickly and accurately so you can go on to the next project.



Miter-joined corners are planed flush
without tear-out.



Butt-joined corners are planed flush
without tear-out.



Up to 1/8" material can be removed in one pass. (Dust collection hose removed for photographic purposes).

Hoffmann Machine Program

Designed to Perform

As a full service woodworking equipment design and manufacturing company, Hoffmann offers a full range of cutting and routing machines for the Hoffmann Dovetail Joining System. Starting with hand-held machines for job-site and small shop use, to various manual and pneumatic DIY and professional bench-top routing machines and ending with multi-head routing machines for higher production levels, Hoffmann machines are built to last.

In addition to the dedicated dovetail routing machines, our combination machines include miter cutting, dovetail routing and dowel hole boring operations in one machining cycle for unsurpassed accuracy, repeatability and efficiency.



The Hoffmann Dovetail Key – Our System

Simply Brilliant – Brilliantly Simple

The dovetail shape is a proven and timeless design – a classic feature used in mechanical engineering and woodworking for hundreds of years. The precise, double dovetail shape of the Key and its ridged sides guarantee a snug fit and positive guidance when driven into the routed slots. As the Key is inserted, the workpieces are drawn together, creating a tight, perfectly aligned and permanent joint without the need for clamps, staples or other fastening devices. **Fast – Exact – Reliable.**

- > **Mitered parts with any angle, as well as straight or butt joints, end-to-end joints and even difficult to assemble compound miters can be joined.**

1-2-3-Done!

Blind dovetail keyways are routed in the back of the material, in the adjoining faces of the two parts. The pieces are set together, a Dovetail Key is inserted and - **that's it!** Applying glue in the joint is optional but recommended and the assembled joint can be handled immediately without waiting for the glue to set.



Fast and Reliable Assembly even with Difficult Joints

Hoffmann Dovetail Keys provide a fast, exact and reliable way of joining wood, whether on a large production scale or in a small custom shop. The double-dovetail shape and ribbed, sloped sides guarantee strong, tight joints every time. Every Key has a rounded end to aid in starting the insertion process and no special tools are required.

The Right Key for Every Joint

Hoffmann Dovetail Keys are extremely versatile, with lengths ranging from 1/4" - 4" in different colors and materials. For every joint, for every application, for every environment we have the perfect Dovetail Key..



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