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Biesse Akron Series

The Polymac and BiesseEdge Product Line from Biesse Wood Division contains a wide range of single-sided and double-sided edgebanding machines that satisfy the high-quality edgebanding needs of small to mid-size and large high-production scale companies. With the introduction of the Akron 400, Polymac now offers a full range of edgebanding machines from the entry level (Akron 420AR) to the industrial level (Akron 800). The multifunctional Akron machines are driven by numerical controls that ensure versatility and simple, fast, precise setup changes. All Polymac machines are outfitted with Rotax Electro-Spindle high-frequency motors. The characteristics of these motors provide power and ensure top performance during machining operations.

Manufacturer/Brand Name	Polymac/Biesse America
Model	Akron 400
Size	Mid-size
Feed Speed	39 fpm
Glue Type	PVA
Banding Materials	HPL, solid wood, strips, coils

Fravol SMART Series

The Fravol SMART Series of edgebanders are flexible machines for the small shop with heavy-duty construction, providing a reliable product. These compact machines come equipped with heavy-duty features ideal for shops processing thin tape, 3mm PVC in coils, HPL, solid wood up to 5/16 in. thick and corner rounding at 40 fpm.

Manufacturer/Brand Name	Fravol	Fravol	Fravol
Model	SMART ECO 2	SMART 2	SMART 4
Size	Compact	Compact	Compact
Feed Speed	41 fpm	41 fpm	41 fpm
Glue Type	EVA, PUR	EVA, PUR	EVA, PUR
Banding Materials	Coils	HPL, solid wood, strips, coils	HPL, solid wood, strips, coils



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IMA Novimat Concept

The IMA Novimat Concept single-sided automatic edgebander is a machine for jointing, edgebanding and finishing in throughfeed operation, handling coil material up to 3mm thickness and solid wood strips up to 20mm thickness. Novimat can be equipped with a modular system of processing units such as a joint milling unit, milling and contour trim unit, finish/grooving and rebating units. The system offers a quick-lock glue applicator system that can be replaced within seconds. An advanced PC controller, Icons open with integrated PLC and electronic line control guarantees easy use, similar to Windows. Other features include almost unlimited program memory; storage of tool data; main drive interlocked with neighboring machines or conveyers; and teleservice function.

Manufacturer/Brand Name	IMA
Model	Novimat
Size	Full-size
Feed Speed	30 m/min.
Glue Type	Hotmelt PUR EVA
Banding Materials	HPL, solid wood, strips, coils

Fletcher Machine's FM-45 edgebander

The FM-45 is a single-sided edgebander manufactured for domestic producers of entry doors. The machine automatically selects one of six different edgebands and will adjust for either straight or beveled doors from the operator control panel or from a bar code reader. This enables the manufacturer to produce many different door styles and respond immediately to the small quantities of architectural specified doors.

Manufacturer/Brand Name	Fletcher Machine Co.
Model	FM-45EB
Size	Full-size
Feed Speed	75 fpm
Glue Type	Hotmelt, PUR
Banding Materials	HPL, solid wood, strips, coils



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Stefani Solution

SCM Group introduces the Stefani Solution, a single-sided edgebander for the medium to large shop. It is built for flexible 24-hour continuous running of thin or thick coiled materials, HPL and solid wood strips where high quality is required. Features of the Solution include: Win-Edge Plus PC controller; easy size infeed fence with premilling; automatic coil changeover (0.4mm to 3mm coils); solid wood up to 22mm; Quick Melt hotmelt system; glue roller with one click reverse, high precision end trimming; rough trim; fine trim; four-motor corner rounding; edge scrape; glue scrape; buffing; edge brightening; and belt or idle wheel hold-down.

Manufacturer/Brand Name	SCM Group/Stefani	SCM Group/Stefani
Model	Solution	Solution Softform
Size	Full-size	Full-size
Feed Speed	30 m/min.	10-25 m/min.
Glue Type	EVA, PUR	EVA, PUR
Banding Materials	HPL, solid wood, strips, coils	Strips, coils

Therm O Web's RX 75 glue pot edgebander

The RX 75 glue pot edgebander from Therm O Web is a compact, fully automatic, single-phase unit with high-frequency top and bottom trim motors and six blade trim heads with insert tooling for a straight or radius edge. The RX 75 bands PVC, HPL, veneer, polyester and melamine materials up to 2mm thick.

Manufacturer/Brand Name	Therm O Web Inc.
Model	RX 75
Size	Compact
Feed Speed	18 fpm
Glue Type	Granular pellets
Banding Materials	HPL, solid wood, strips, coils



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Silver Machine's SR Series

Silver Machine Inc. offers a variety of automatic edgebanding machines equipped with cutter tools originating from Europe. The SR Series features a rotation speed of 12,000 rpm; a buffing speed of 1,400 rpm; scraping; tiltable angle at end trimming of 0 to 15 degrees; trim and fine finishing of 0 to 45 degrees; auto scissors at edgebanding; and auto edge cutting in roll.

Manufacturer/Brand Name	Silver	Silver	Silver
Model	SR-4B	SR-5B	SR-6B
Size	Full-size	Full-size	Full-size
Feed Speed	10.5-11.6 m/min.	10.5-11.6 m/min.	10.5-11.6 m/min.
Glue Type	N/A	N/A	N/A
Banding Materials	HPL, solid wood, strips, coils	HPL, solid wood, strips, coils	HPL, solid wood, strips, coils



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Virutex Glue Pot Edgebander PEB50

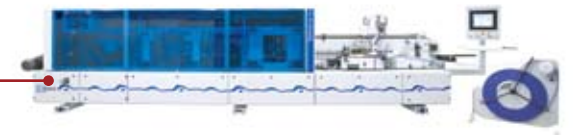
Virutex offers the PEB50, a portable glue pot edgebander for small shops. The PEB50 has adjustable temperature and is a hotmelt glue pot edgebander for straight and curved boards with an electronic automatic feeding system. With a short warm-up time, you can use it as a portable or stationary machine. Setup is easy and fast. Features include: 110 volts/60 Hz, maximum tape width of 45mm, maximum tape thickness of 0.4mm to 3mm, and feeding speed of 3.6 m/min.

Manufacturer/Brand Name	Virutex
Model	PEB50
Size	Compact
Feed Speed	10 fpm
Glue Type	Granular glues
Banding Materials	HPL, solid wood, strips, coils

Homag KAL Series

The new Homag KAL Series, available in the United States from Stiles Machinery, features four preconfigured models with a wide selection of options for all levels of automation and every size operation. From the KAL 200, which provides high speed and repeatable application of thin coiled material, to the KAL 800 that offers fully automated changeovers on all edge materials, Stiles and Homag offer a machine for all applications. These machines are stocked and ready when needed. Custom machines can also be designed and ordered to meet exact specifications and manufacturing challenges. Stiles recommends the addition of a Ligmatech return conveyor to work in conjunction with the edgebanding operation.

Manufacturer/Brand Name	Homag	Homag	Homag
Model	KAL 200	KAL 800	Door Machine
Size	Mid-size	Full-size	Mid-size
Feed Speed	25 m/min.	25 m/min.	25 m/min.
Glue Type	EVA, PUR	EVA, PUR	EVA, PUR
Banding Materials	Coils	HPL, solid wood, strips, coils	HPL, solid wood, strips, coils



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Holz-Her UNO 1304

Holz-Her introduces the UNO 1304 with premilling. The 1304 is a small powerful and precise edgebander that includes a compact premilling station. The 1304 meets the needs of customers that have low-production demands but high-quality standards when it comes to edgebanding. The simple but accurate premilling station allows the user to remove up to 3mm of material before edgebanding. The Holz-Her 1304 also includes the patented cartridge glue station along with a simple control panel making it easy to operate for all edgebanding applications.

Manufacturer/Brand Name	Holz-Her
Model	UNO 1304
Size	Compact
Feed Speed	10 m/min.
Glue Type	Any, including PUR
Banding Materials	HPL, solid wood, strips, coils

Laguna Tools Bandit II

Laguna Tools' Bandit II has been developed and built as a stout machine with a 4mm steel cabinet; heavy cast-iron tables with extensions and includes a hard-working, long-lasting Baldor motor for smooth and accurate operation. The Bandit II features an electronic PLC control unit to ensure accurate production runs. The new micro-adjustable glue management system gives you the precise control required for PVC, wood tape, laminate and wood strips. An electronic thermostat and Teflon-coated glue pot with five individual heating elements creates a quick heat-up time with accurate temperature control without the worry of overheated/underheated glue. Laguna Tools has also incorporated an automatic flush trimming for the top/bottom and front/rear, twin floating shaper cutterheads with insert knife tooling and saw blade end trim. Pullout support for wide panels and centralized dust collection as well as an overhead control unit have all been included.

Manufacturer/Brand Name	Laguna Tools	Laguna Tools
Model	Bandit	Bandit II
Size	Compact	Compact
Feed Speed	16 fpm	16 fpm
Glue Type	Hotmelt, preglued	Glue pot
Banding Materials	Coils	HPL, strips, coils



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Tecnomax ME 15 Hot Air Edgebander from Mini Max

The ME15 is an automatic edgebander designed for applying preglued tapes ranging in thickness from 0.4mm to 2mm. Reliable and easy to use, the ME15 has a "Leister" blower with variable electronic temperature control (20 C to 450 C). It offers front and rear flush cutting, and the top and bottom edge-trimmers have carbide-tipped cutters to ensure a top-quality finished edge. Small profiled cutters are also available. The machine has an adjustable in-feed guide and numeric setting indicators for rapid and precise changeovers from one machining operation to the next.

Manufacturer/Brand Name	Mini Max USA
Model	ME 15
Size	Mid-size
Feed Speed	16.5 fpm
Glue Type	Preglued material only
Banding Materials	Strips, coils

Adwood PRO Series

Adwood Corporation introduces its PRO Series edgebanders with Programmable Logic Control from Cehisa. PRO is best suited for automatic edgebanding applications with roll or strip edgebanding material. Standard features include hot melt glue tank, central top pressure and height adjustment, strip and roll feed magazine, end trim, top and bottom trim, buffing (PRO 8), digitals and a PLC unit.

Manufacturer/Brand Name	Cehisa/Adwood	Cehisa/Adwood	Cehisa/Adwood
Model	PRO Series	SYSTEM Series	RAPID Series
Size	Full-size, mid-size, compact	Full-size, mid-size, compact	Full-size, mid-size, compact
Feed Speed	27 fpm	41 fpm	30 fpm
Glue Type	Granular hotmelt	Granular hotmelt	Granular hotmelt
Banding Materials	HPL, solid wood, strips, coils	HPL, solid wood, strips, coils	HPL, solid wood, strips, coils



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Model Mobil from Hess Group America

The “edgeworking press” model Mobil from Hess Group America, Inc. applies heavy, solid wood edges to panels, counters, tables, doors and drawer fronts. It uses heat and common white and yellow shop (PVA) glues to quickly (one minute or less) achieve the thinnest, strongest bond. There is zero changeover for different thickness of wood strips, and both butt corners and mitre corners are done with equal ease.

Manufacturer/Brand Name	Hess Group America Inc.
Model	Mobil 2500/3000
Size	Compact
Feed Speed	N/A
Glue Type	White glue (PVA water-based glues)
Banding Materials	HPL, solid wood, strips, coils

Brandt 400 Series

Brandt introduces its 420 and 430 C Series Optimat edgeworkers with new EC-10+ program control and optional premilling and contour trimming units from Stiles Shop Solutions, a division of Stiles Machinery Inc. Designed for entry to moderate levels of production, the 400 Series of Brandt machines is best suited to custom edgeworking operations in which thick PVC may be used and quick changeover is required. The EC-10+ is a new controller style designed for ease of use, operational simplicity and a long life span. Standard features on the Brandt 420 Series include electronic line control, central top pressure and unit height adjustment, precision end-trim, scraping and buffing. Step up to the 430 C machines to add single motor contour trimming. Both the 420 and the 430 C come standard with Brandt’s patented Dust Flow Control (DFC) cutter head technology on its fine trim stations and offer the option of diamond cutter head premilling units. Both machines will handle up to 8mm solid wood strips and 3mm coiled PVC.

Manufacturer/Brand Name	Brandt
Model	KDF-430 C Optimat
Size	Mid-size
Feed Speed	14 m/min.
Glue Type	EVA , PUR (granulated pellet)
Banding Materials	HPL, solid wood, strips, coils



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