

HOMAG EDGETEQ S-200 FSB

Edgebander

The EDGETEQ Series edgebanders produce perfect edges for small shops to large-scale furniture and component industries who require the highest-quality results. With a wide variety of equipment designed to meet each customer's specific needs for materials, feed speed, aesthetics, and functionality, the EDGETEQ Series has a solution for every challenge.



Product image is for illustration purposes only. Delivered machine may not be the same color or have the same markings as shown in the picture above.

Features & Details:

HOMAG EDGETEQ Series

Strength and stability

The EDGETEQ Series edgebanders are built to withstand even the most challenging applications. HOMAG's industry-leading transport chain design provides accuracy and stability as workpieces make their way through the machine along centrally-lubricated guides. Track pads securely hold the workpiece in place while a steel pressure beam applies even pressure and superior hold at optimum feed rates. For larger applications, the workpiece support and roller guides can be expanded for even greater stability.

Customizable features

The EDGETEQ Series edgebanding machines transport workpieces effortlessly through a series of programmed processing stages located within the machine. Each stage performs its unique function with absolute accuracy and efficiency. Additionally, the EDGETEQ Series offers multiple features and capabilities within each stage of operation, giving manufacturers the flexibility to customize the machine to meet their specific needs today, while equipping themselves for future growth.

Cost-efficient operation

Set-up, operation and troubleshooting can be performed by a single operator. The EDGETEQ Series easy set-up results in less material waste and faster, safer machine adjustment.

Features & Details:

HOMAG EDGETEQ S-200

Basic Construction

Strong and stable

- Open frame concept
- Integrated switch cabinet into the machine frame
- Fixed feed speed
- Extendable solid workpiece support track; extends 300mm
- Manual central lubrication
- Isolation transformer with variable infeed voltage for balancing all 3 phases of incoming power and increasing the lifetime of the machine's electrical components
- Electrical equipment installed according to UL regulations

Sound Cover

The sound cover is equipped with and a safety interlock system. When the sound enclosure door is opened, the corresponding unit shuts off. End trimming and fine trimming motors are equipped with electronic motor brakes to stop cutter rotation when the hood is opened or when the unit is shut off at the operator control panel.

Solid infeed fence

- Manual adjustment (fixed for machines without joint trimming unit)
- Digital height indicator displays adjustment of infeed fence and pressure beam

Track

- Industrial chain with industry chain pads
- Rigid chain track
- Round and flat guidance

Magazine

- Automatic magazine for strip and coil feeding
- Line-controlled guillotine
- Large coil table (800 mm diameter) with built-in rollers to allow 3mm PVC coils
- Edge strip capacity: 0.4 – 3 mm

Pressure Zone

- Pressure zone with one driven main pressure roller and two idle post-pressure rollers
- Equipped with a digital counter for the manual adjustment and display of edge thickness

Features & Details: HOMAG EDGETEQ S-200 (continued)



easyTouch controller

Simple operator control

The machine's controller features a clear, dust-resistant 7" graphic display for optimal touch operation, requiring just 6 short stroke keys for easy operation of the control units. Up to 20 programs can be stored for fast access to frequently changing edges and alternate requirements.

- Order data acquisition for operation hours, processed edge lengths and panels
- Integrated electronic line control system for increased reliability and diagnostic assistance; no limit switches used for setting operating units

Cost-efficient operation

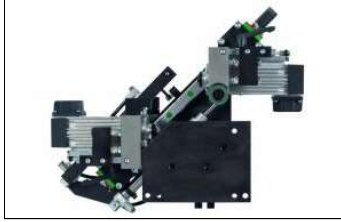


Gluing Unit

The hot melt granulate glue application system uses a high-tech bearing system that requires no lubrication. Permanent circulation system maintains top glue quality. For safety, an automatic temperature reduction feature lowers the glue temperature by 50°C if no workpiece is run over a 15-minute span. The unit reheats in just three minutes.

- Glue application by roller
- LED thermostat display indicates glue temperature of both pre-melting unit and glue roller
- Glue reservoir underneath the glue roller
- Clockwise glue application
- Low maintenance
- Capacity approx. 1.3kg
- Heat-up time: 12-15 min
- Quick-change glue tank for easy maintenance and cleaning

Features & Details: **HOMAG EDGETEQ S-200** (continued)



Double-Motor End Trimming Unit

This straight end trimming unit is equipped with 2 motors and electronic motor brakes. For safety, the unit applies a drawing cut system for reduced blade projection when processing thick workpieces.

- Strong linear guidance system, 5 times more rigid than round bars
- Tooling included
- Dust extraction



Fine Trimming Unit

This top and bottom trimming unit is equipped with 2 motors and electronic motor brakes.

- Provides manual “Quickset” adjustment when processing thin edge, thick tape and solid wood edges
- Three (3) working positions:
 - flush trimming
 - trimming with overhang
 - radius / bevel trimming
- Horizontal and vertical tracing with lateral adjustment by using the digital counter
- Each trimming motor is equipped with one dust hood and dust extraction hose
- Equipped with 2 DFC combination straight/radius cutter heads
- Optional nested top copy system

| A comprehensive solution

Features & Details:

HOMAG EDGETEQ S-200 FSB



Joint Trimming Unit

The joint trimmer provides a clean, even edge for optimal edgebanding application. Trimming removes material tears, marks from scoring saws, and material swelling.

- Diamond cutter heads
- Reversible carbide tip
- Manual infeed fence positioning via digital mechanical counter
- 2 motors: 1 clockwise motor, 1 counter-clockwise motor
- Vertical spindle adjustment via digital settings
- Accommodates workpiece thickness up to 60mm



Quick Change Profile Scraping Unit

- Vertical and horizontal tracing wheels
- Radius knives included (quickly changeable to different radii)
- Program-controlled exclusion
- Line controlled dust blow-off
- Chip collecting box

Features & Details: **HOMAG EDGETEQ S-200 FSB** (continued)

Buffing Unit

- This unit smooths edges and optimizes color.
- 2 polishing motors for top and bottom buffing of longitudinal edges
- 2 cloth buffing discs: 150 x 20mm diameter
- Adjustable both vertically and horizontally

Workforce Development

A well-trained workforce is essential to realizing the full capabilities of HOMAG equipment, safe and efficient machine operation, increased component and tooling life, and reduced maintenance costs. At the time of installation, basic machine programming, operation, and troubleshooting training is administered onsite by a Stiles Field Service Representative (FSR).

Additional training is available through Stiles University, the industry's only nationally accredited training program. With over twenty regularly-scheduled courses, Stiles University provides comprehensive, hands-on technical and application training as well as best practices designed to equip manufacturers with the skills and knowledge they need to thrive.

Designed to meet customer needs, sessions are offered at any of Stiles University's dedicated training centers nationwide, online, or onsite at the customer's facility (if a more specific, customized training is desired).

Explore upcoming course offerings and/or register online at www.stilesuniversity.com or contact classes@stilesmachinery.com for more details.

Technical Specifications

Dimensions All equipment offered is made to metric standards. Dimensions shown in English measure are approximate and for comparison purposes only.

| UNIT | |
|--------------------------|------------------------------|
| Pressure Zone | One Driven, Two Idle Rollers |
| Joint Trimming Unit (2x) | .75 kW /12,000 rpm |
| End Trimming Unit (2x) | .18 kW /12,000 rpm |
| Fine Trimming Unit (2x) | .27 kW /12,000 rpm |
| Feed Speed | 8 m/min (26.2 ft/min) |

| ELECTRICAL | |
|----------------------|-----------------|
| Total Power Required | 6.4 kW |
| Amperage at 230v | 30 amps |
| Amperage at 460v | 15 amps |
| Connection Voltage | 208/230/440/480 |
| Power | 3-Phase |

| DUST EXTRACTION & AIR CONSUMPTION | |
|-----------------------------------|-------------------------|
| Port Size | (5x) 80 mm, (1x) 100 mm |
| Extraction Volume (minimum) | 1,665 CFM |
| Machine Compressed Air | 5 CFM, 6 bar (87 PSI) |

| MACHINE DIMENSIONS | |
|--------------------|-------------------|
| Length | 3672 mm (12 ft) |
| Width | 1455 mm (4.7 ft) |
| Height | 2194 mm (7 ft) |
| Weight | 750 kg (1,650 lb) |

Technical Specifications (continued)

| MATERIAL CAPABILITIES | |
|----------------------------------|---|
| Edgeband Thickness Coils | 0.4 - 3 mm (0.016 - 0.125") |
| Edgeband Thickness Strips | 0.4 - 3 mm (0.016 - 0.125") |
| Edgeband Length Strips (minimum) | 229 mm (9") |
| Workpiece Length (minimum) | 140 mm (5.5") |
| Workpiece Width (minimum) | 70 mm (workpiece thickness \leq 23 mm), 120 mm (workpiece thickness $>$ 23 mm) |
| Workpiece Thickness | 8 - 40 mm (0.32 - 1.6") |