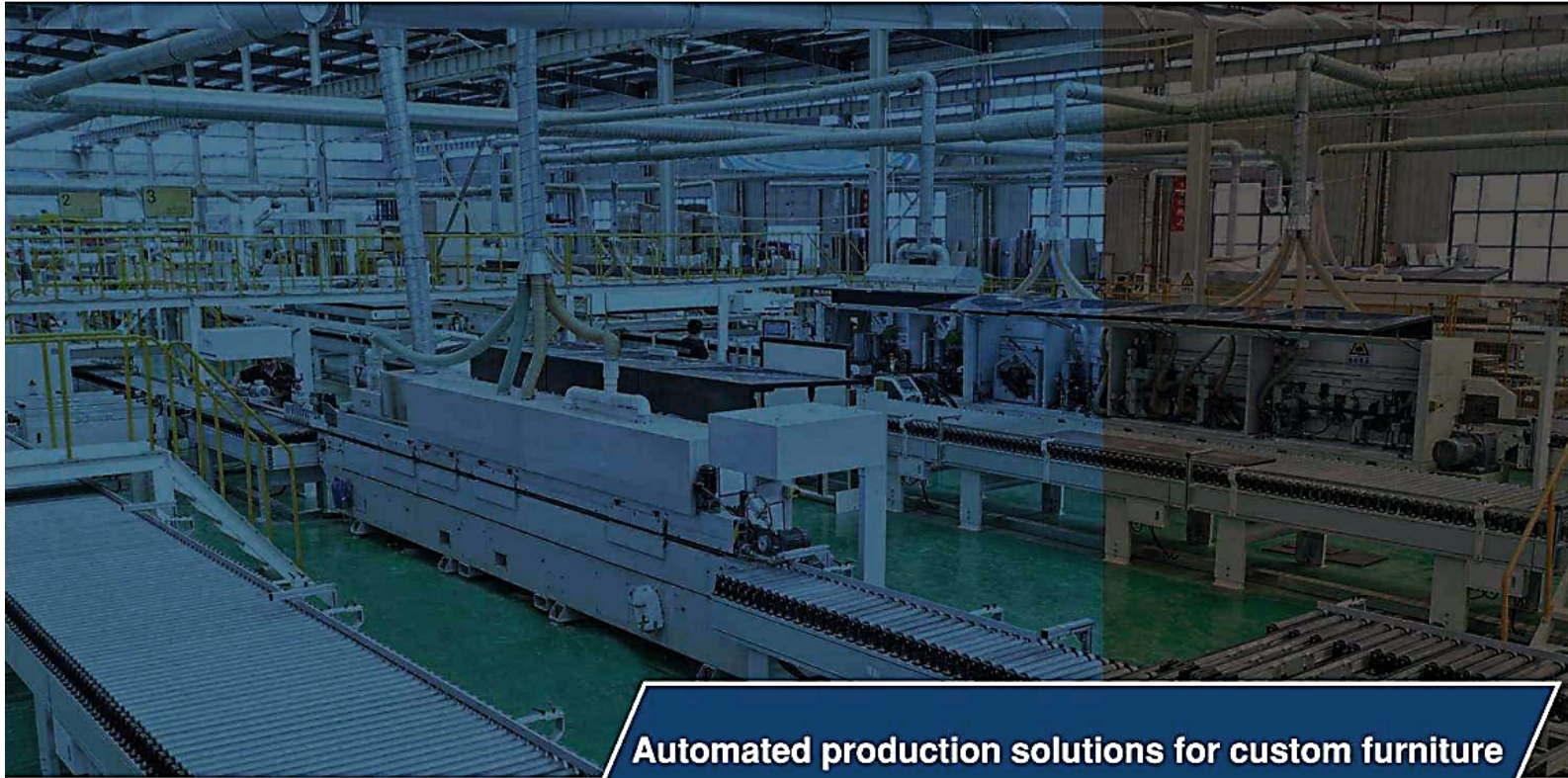




Woodworking Machinery



Automated production solutions for custom furniture

Proposal #: xxxxxxxxxx

Date: xxxxxxxxxx

Proposal valid for 30 days

Sales Rep: Xxxxxx xxxxxxxx

Phone: (xxx) xxx-xxxx

Email: xxxxxx@lekon.ca

Compact Edgebander

Prepared for

XXXXXXXXXXXX

XXXXXXXXXXXX

XXXXXXXXXXXX



Unit #4, 6198 Netherhart Rd.

Mississauga, ON, L5T 2G7

Office: (647) 557-9110

www.lekon.ca

Lekon Edgebander LEF3

\$xx,xxxCAD



The product image is for illustrative purposes only.
The actual machine delivered may differ in colour, markings or design from what is shown in the image.

Functions

**Pre-Milling → Gluing → Press rollers → End trimming → Fine trimming →
→ Corner Rounding → Round scraping → Buffing**

Features

- Edgebanding is a key process in panel furniture manufacturing, enhancing the furniture's appearance, durability, and value. Quality edgebanding prevents edge damage, peeling, and shape distortion during transport and use, while also offering protection against water damage.
- Panel furniture is typically crafted from chipboard, MDF, and other engineered boards, with edgebanding materials including PVC, wood, melamine, and polyester. Different materials and sizes often require specific edgebander models to achieve optimal results.
- Lekon edgebanders deliver high automation, efficiency, and precision, producing a smooth, aesthetically pleasing finish that is ideal for the panel furniture industry.
- Equipped with advanced control systems, our edgebanders allow for easy adjustments and customization, enabling operators to work with a range of edge materials and thicknesses.
- The robust design of Lekon edgebanders ensures reliable performance and long-term durability, even in high-demand production environments.

Technical Specifications (for most advanced model)

General Specifications

Panel Length Min	150mm
Panel Width Min	80mm
Panel Thickness	10 – 45mm
Edge Thickness	0.4 – 3mm
Feeding Speed	12m/min
Size L x W x H	4500 x 650 x 1400mm
Machine Weight (Approximate)	1200Kg

Electrical

Operating Voltage	380v / 3 Phase / 60 Hz
Total Connected Load	10.7 kW

Dust Extraction

Connection Size	100 mm (6)
Air Speed	32 m/sec
Air Volume	2714 m3/h

Compressed Air

Connection Size	R ½ inch
Pressure Required	100 psi – 6 - 8 bar

Terms and Conditions

Warranty: 1 Year labour and parts

Installation: Included

Freight: Included

Financing: Lekon will be pleased to help you with your financing or leasing needs. Please speak to your sales representative for more information.

Delivery: Equipment is available for shipping from inventory once an official order, along with a down payment and all technical details, is confirmed, subject to availability. If shipped from the factory, the estimated lead time is 28 to 30 weeks after the order and down payment are received, with all technical specifications clarified. These delivery timelines are estimates and depend on the factory's order volume and receipt of deposit. Once the end customer is notified of completion, the equipment must ship from the manufacturing site within 10 business days.

Payment Terms (Subject to Credit Approval): A 10% deposit is required with the order, followed by 30% in two months, and a remaining balance of 60% one week before shipment.

Shipping Terms: Delivered at Place (DAP) under Incoterms 2010, with the seller covering packaging, freight, and insurance to the specified destination. The buyer assumes risk and responsibility once the equipment reaches the destination but remains unloaded.

Features and Details

Taiwanese Brand Inverter “DELTA”



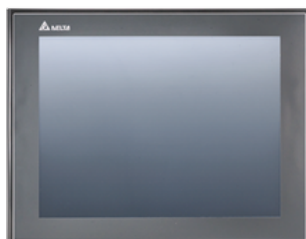
The DELTA inverter, a trusted Taiwanese brand, is a core component in Lekon's Edgebander, enhancing its performance and precision. Known for energy efficiency and reliability, the DELTA inverter provides smooth, variable speed control, ensuring precise, high-quality edges on all materials. Its durability and easy integration into existing systems make it ideal for demanding industrial use, while its user-friendly design reduces maintenance time and costs.

Taiwanese Brand PLC “DELTA”



The DELTA PLC, a high-quality control solution from a reputable Taiwanese brand, powers our Edgebander with advanced automation and reliability. Designed for seamless integration, the DELTA PLC enhances precision and productivity, enabling consistent, high-quality edging across various materials. It offers robust performance with easy programmability, ensuring smooth operation and reducing downtime.

Taiwanese Brand Human-Machine Interface (HMI) “DELTA”



10” Screen available
(additional \$800)

The DELTA Human-Machine Interface (HMI), a leading solution from a renowned Taiwanese brand, enhances the functionality of Lekon's Edgebander by providing intuitive, user-friendly control. With a clear, responsive 7” touch screen, the DELTA HMI allows operators to manage settings with ease and precision, boosting productivity and reducing errors.

German Brand Electronic Components “SIEMENS”

SIEMENS



Using SIEMENS electronic components in Lekon Edgebanders brings exceptional reliability, precision, and innovation to our machinery. SIEMENS is globally recognized for its high-quality engineering and advanced technology, ensuring components that are robust, efficient, and durable. SIEMENS components are known for their energy efficiency, helping reduce operating costs and environmental impact.

American Brand Travel Switch “Honeywell”

Honeywell



Honeywell travel switches in Lekon edgebanders deliver precision, durability, and safety. Known for high-quality industrial components, Honeywell ensures accurate position sensing and robust performance in demanding environments. With minimal maintenance needs and strong resistance to wear, these switches enhance the efficiency, reliability, and safety of our edgebanders, providing our clients with dependable operation and peace of mind.

High Speed Motor “CC Motors”

CC⁺



CC Motors high-speed motors enhance Lekon edgebanders by providing exceptional performance, precision, and reliability. Known for their engineering excellence, CC Motors delivers motors that operate smoothly at high speeds, ensuring fast, efficient processing with minimal downtime. Built for durability, these motors can withstand continuous use, reducing maintenance needs and extending the lifespan of our equipment. With a focus on energy efficiency and consistent output, CC Motors ensures our edgebanders meet high productivity standards.

Taiwanese Brand Pneumatic Components “AirTAC”

AirTAC



AirTac pneumatic components offer precision, reliability, and efficient performance tailored for industrial use. Known for high-quality engineering, AirTac components ensure smooth, controlled movements essential for woodworking accuracy and consistency. With durable construction and low maintenance requirements, AirTac pneumatics support long-lasting, reliable operation, enhancing productivity while reducing downtime. Their energy-efficient design also helps lower operational costs, making them a valuable choice for high-performance machinery.

Pre-Milling



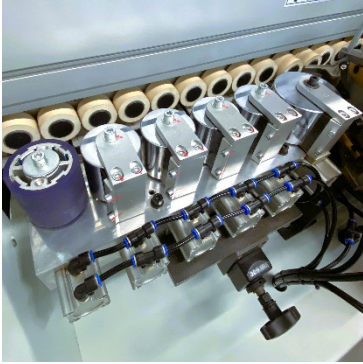
Pre-milling with two motors and 45 mm diamond cutters ensures precise, smooth panel edges by removing imperfections and maintaining symmetry. Diamond knives stay sharp longer, handle thicker panels effectively, and improve edge-banding quality, making the process ideal for high-gloss or solid wood applications.

Top Removable Glue Station



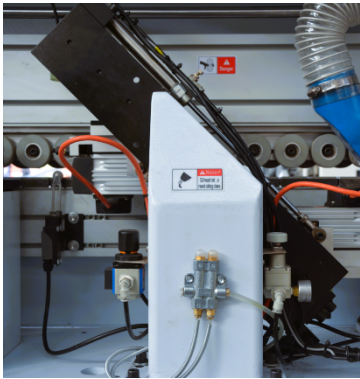
Our edgebander with a removable glue pot makes cleaning and glue changes fast and effortless. Swap glue pots in minutes, avoid contamination, and keep production running without delays. This design extends the machine’s lifespan and ensures a flawless bond every time.

Two Pneumatic Pressure Rollers



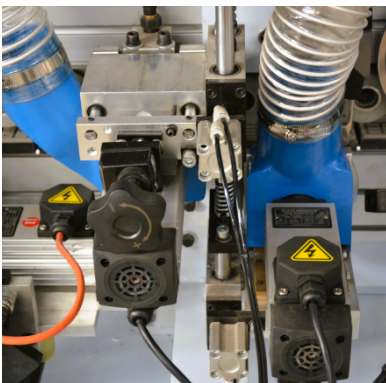
Our edgebander is equipped with two pneumatic pressure rollers designed for exceptional edge-banding performance. Each roller features its own independent pressure control valve, ensuring precise adjustment for various materials and thicknesses. Additionally, every roller is fitted with a knife for self cleaning, guaranteeing superior quality.

End Trimming with Two Motors Travelling on Linear Guides



Our edgebander is equipped with two independent high-frequency motors that precisely trim the remaining material at the front and back ends, delivering a clean and smooth finish. The motors operate on a precise linear guide rail system, ensuring seamless movement and exceptional cutting accuracy. An automatic rail lubrication system enhances durability and performance, while a cylinder with a pressure-reducing valve provides reliable and consistent operation.

Fine Trimming



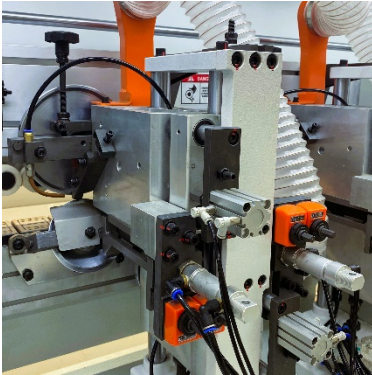
Robust quality fine trimming unit on an edgebander is crucial for achieving a flawless finish by precisely trimming the edges of the panel after the banding is applied. The manual control allows for fine adjustments, giving operators the ability to customize edge arc sizes for different materials or designs. The robust structure ensures stability during operation, minimizing vibrations and maintaining consistent performance. Additionally, the linear guide rail system guarantees accurate positioning, leading to precise and smooth trims every time, ensuring a high-quality, professional result.

Corner Rounding



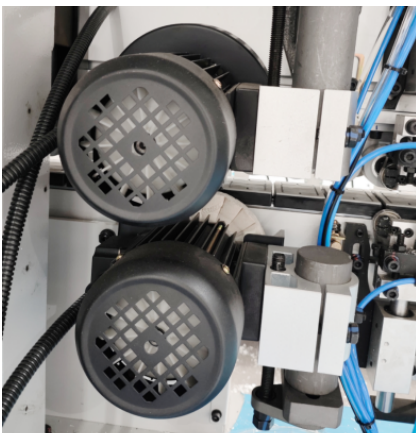
Having corner rounding in an edgebander is highly beneficial for achieving perfect rounded corners, especially for edges that cannot be corrected after end trimming, such as rounded, duckbill, or right-angle corners. This feature allows for precise modifications, ensuring a flawless finish.

Round Scrapping



Manual control mode, with a small profile wheel driven by a linear guide rail, ensures precise positioning. No power scraping required; the tool pattern is removed after trimming, creating a straight and full arc. Suitable for PVC/ABS edgebanding up to 3mm with scraped edges

Buffing



Buffing wheels on an edgebander are essential for achieving a smooth, polished finish on the edges of the workpiece after the edge banding process. They help remove any residual adhesive, prevent rough spots, and eliminate minor imperfections, resulting in a clean and professional look. Buffing wheels also enhance the appearance of high-gloss or veneered edges by providing a final shine, making the edges look more refined and seamless. This finishing step is crucial for improving the overall quality of the product, ensuring that it meets industry standards and satisfies customer expectations.

Lubrication System



An automatic lubrication unit on an edgebander is essential for maintaining optimal machine performance and longevity. By consistently applying the right amount of lubrication to key components, it reduces friction and wear, ensuring smooth operation of moving parts like rollers, guides, and motors. This not only prevents mechanical failures and downtime but also improves the precision and efficiency of the machine. The automatic system ensures that lubrication is applied at the correct intervals, reducing the need for manual maintenance and allowing operators to focus on production. Overall, it enhances the machine's reliability, reduces maintenance costs, and extends its lifespan.

Beam Roller Conveyor Motor



The powerful motor provides high conveyor speed, ensuring stable and smooth operation.

