

New SCM K 230ERT EVO – Single Sided Edgebander

****Please note photo may show optional equipment not included in price quoted.**



Automatic single sided edgebander designed to be used for edgebanding straight vertical profiles with coiled material (veneer and PVC) and with strips (high-pressure laminate and solid wood) with a maximum thickness of 3mm.

Machine Base

The machine base is made of a tubular steel structure and is designed to assure maximum stability and accuracy.

Pressure Beam

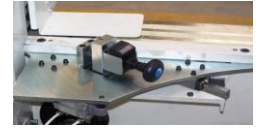
All operating units raise and lower simultaneously when the pressure beam is adjusted. No adjustment is required for the glue roller when changing panel thickness. The pressure beam has digital height indicators and a double row of pressure rollers with steel bearings.

Capacities and Speed

- Edgebanding thickness: .4mm - 3mm (.016-1/8") □ Guillotine capacity: 3.0mm □ Feed speed: 30 ft/min.
- Panel height: 3/8" min – 1 15/16" max
- Minimum panel length: 5 1/2"
- Minimum panel width: 2 3/8"
- Minimum distance between panels: 22"

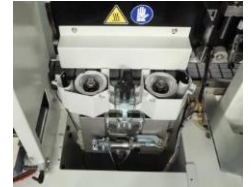
Glue Station

Teflon coated glue pot to facilitate glue changeover. Warm up time is approximately eight to ten minutes. The unit is also equipped with a quick disconnect plug for changing from one pot to another.



Adjustable Infeed Fence

The infeed fence is manually adjustable with pneumatic positioning in/out.



“Rt-Vp” Pre-Milling Station:

To rectify/clean panels already sized and squared before the edge is applied. The unit is composed of two high frequency motors (2.0hp) with jumping action controlled through the PLC. The cutting heads are adjustable vertically. The unit is equipped with copying devices which guarantee that material removal is consistent on long or slightly out-of-square panels.

Pressure Section And Automatic Strip Magazine

There are a total of two spring loaded pressure rollers for pressing the banding to the work piece edge. The first roller is Teflon coated. Positioning of the pressure section is determined by a mechanical digital readout. The machine comes equipped with an automatic strip magazine for feeding wood and laminate strips.



Control Panel

The K 230ERT is equipped with an Orion 1 Plus controller, fixed, located at the infeed of the machine. It is capable of operating all the work units via soft touch buttons, it pneumatically tilt's the end trim unit from the control panel, it eliminates the use of micro switches, as well as control the temperature of the glue. It is tilted slightly upward for a more ergonomically friendly position for the operator.



End Trimming Station

This unit is composed of two independent .25 hp motors mounted on THK guides. End trim utilizes a draw cut system for reduced blade projection on thick panels. The unit comes standard with automatic tilting of the unit from the control panel with two preset positions. The unit is also equipped with the “radius” edge feature that rounds over the vertical edge on the corners of a 3mm panel.



Edge Trimming Station

This unit is composed of two independent .5 hp motors operating at 12,000 rpm. The unit is equipped with a combination cutter that allows the operator to manually go from solid wood, to thin material, to a radius, all with the same cutter. All adjustments are carried out with mechanical digital readouts. The unit has top and bottom copy wheels and side copy shoes. The motors have quick release plugs to facilitate tooling changes.



Corner Rounding Unit

Single motor unit, .50hp, designed to carry out the rounding of edges on 3mm material. Comes standard with a diamond cutterhead. The unit is equipped with front and lateral copying devices and pneumatic blowers to clean the panel. The unit can go from thin tape to 3mm PVC, through the controller, with no manual adjustments by the operator.



Profile Scraping Unit

Scraping station designed to remove knife marks from thick PVC. The unit is equipped with top and bottom copy wheel and side copy wheels, adjustments are made via mechanical digital readouts. The unit is positioned manually. The unit is also equipped with dust extraction and a collection bin.



RC-V Glue Scraping Unit

The unit eliminates any excess glue to help improve the quality of the glue joint. It comes standard with double copy wheels on the top and bottom of the panel, air blowers are standard to help keep the knives clean, the off fall is collected in the collection bin and it is pneumatically positioned through the controller.



Buffing Unit

The buffing unit has two .25 hp motors. It can also be tilted up to 12 degrees to provide a softer, more refined edge finish.



Acoustical Safety Enclosure

All working units are enclosed under an acoustical safety hood to reduce noise and prevent accidents. The hood has a safety microswitch which prevents the machine from operating when the hood is open.

Centralized DustExtraction Two 2" dust ports and one 3" dust port for extraction

Technical Specifications

Glue Pot Unit:	
Heating Time	Approx. 8-10 min.
Glue Capacity	2.2 lbs.
Pre-Milling	
Horsepower	2 HP each
RPM	9,000
Diameter	100mm
End Cutting Trimming Station:	
Horsepower	.50 HP
RPM / Tilt	12,000 RPM / 0-15 degrees
Edge Trimming Unit:	
Horsepower	.50 HP
RPM	12,000 RPM
Tilting	Combination Cutter for Radius, solid and thin Tape
Corner Rounding Unit	
Horsepower	.5
RPM	12,000
Radius	3mm
Scraping Unit:	
Knife Radius	3mm
Buffing Unit:	
Horsepower	.25 HP
RPM	3,000 RPM
Diameter/Bore	152mm/17mm
Feed Motor Horsepower	1 HP
Feed Speed	30 FPM
Frequency Converter	200 Hz
Dust Hood Diameter	2 @ 2" and 3 @ 3" and 1 @ 4"
Pneumatic Operating Pressure	90 PSI
Machine Weight:	3,344lbs.
Electrical Requirements:	57 amps at 230v 3 phase
Dust Requirements:	2,250 cfm
Dimensions (LxWxH):	176" x 42" x 58"

****Specifications subject to change**

Pricing f.o.b. Duluth, GA

\$52,000.00

Estimated Freight

\$2,815.00

****Rigging not included in above price**