

EV460 SERIES

EV460 Series Economical Edge Bander



EV460 Series

Basic function edgebander for the smaller workshop, yet providing performance and quality finishing that is expected from an industrial level machine. Competitively priced and affordable even for a small joinery workshop. The unit is designed to work with edge bands up to a max thickness of 1.5mm.

EV460 Features

- Gluing unit- End Trimming- Fine Trimming- Flat Trimming- Buffing

EV461 Features

Pre Milling- Gluing unit- End Trimming- Fine Trimming- Flat Trimming- Buffing

EV462 Features

Gluing unit- End Trimming- Fine Trimming- Corner Trimming- Flat Trimming- Buffing

EV463 Features

Pre Milling- Gluing unit- End Trimming- Fine Trimming- Corner Trimming- Flat Trimming- Buffing

EV480 SERIES

EV481 Series Edge Bander with Pre Milling



EV482 Series Edge Bander



EV483 Series Edge Bander, with Pre Milling, Rough Trimming and Spray Release



EV480 Series

Advanced function edgebander for the professional workshop, providing high performance and quality finishing that is expected from an industrial level machine. Competitively priced and affordable even for a small joinery workshop. The 480 series edgebanders have the option for corner trimming (corner rounding).

EV480 Features

- Gluing unit- End Trimming- Rough Trimming- Fine Trimming- Flat Trimming- Buffing

EV481 Features

Pre Milling- Gluing unit- End Trimming- Rough Trimming- Fine Trimming- Flat Trimming- Buffing

EV482 Features

Gluing unit- End Trimming- Rough Trimming- Fine Trimming- Corner Trimming- Flat Trimming- Buffing

EV483 Features

Pre Milling- Gluing unit- End Trimming- Rough Trimming- Fine Trimming- Corner Trimming- Flat Trimming- Buffing

EV580 SERIES



EV582 Series Edge Bander with Corner Trimming function



EV583 Series Edge Bander, with Pre Milling, Rough Trimming and Spray Release



EV580 Series

The 580 series edgebanders have the option for corner trimming (corner rounding) and R scraping (radius scraping). Can be equipped with most operative groups and can have spray cleaning and spray release functions as an option turning it in to a highly specified machine for any edgebanding need.

EV580 Features

- Gluing unit- End Trimming- Rough Trimming- Fine Trimming- R Scraping- off-cut-Flat Trimming- Buffing

EV581 Features

Pre Milling- Gluing unit- End Trimming- Rough Trimming- Fine Trimming- Flat Trimming- Buffing

EV582 Features

Gluing unit- End Trimming- Rough Trimming- Fine Trimming- Corner Trimming- Flat Trimming- Buffing

EV583 Features

Pre Milling- Gluing unit- End Trimming- Rough Trimming- Fine Trimming- Corner Trimming- R Scraping- off cut-Flat Trimming- Buffing

EV680 SERIES

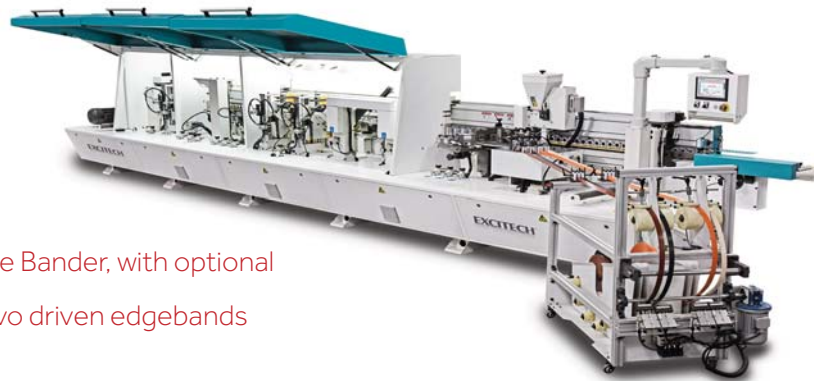
EV680 Series Edge Bander



EV691 Series Edge Bander with optional Twin banding stations



EV691 Series Edge Bander, with optional Quick change servo driven edgebands



EV680 Series

The 680 series edgebanders have the option for corner trimming (corner rounding) and R scraping (radius scraping). Come equipped with most operative groups and have spray cleaning and spray release functions as standard turning it in to a highly specified machine for any edgebanding need. The EV680 series have quick melts glue pots with Infrared heating. Optional quick change edgebands available.

EV680 Features

Spray Release- Pre Milling- Gluing unit (quick melt)- Infrared heating- End Trimming- Rough Trimming- Fine Trimming- R Scraping- off cut-Flat Trimming- Buffing

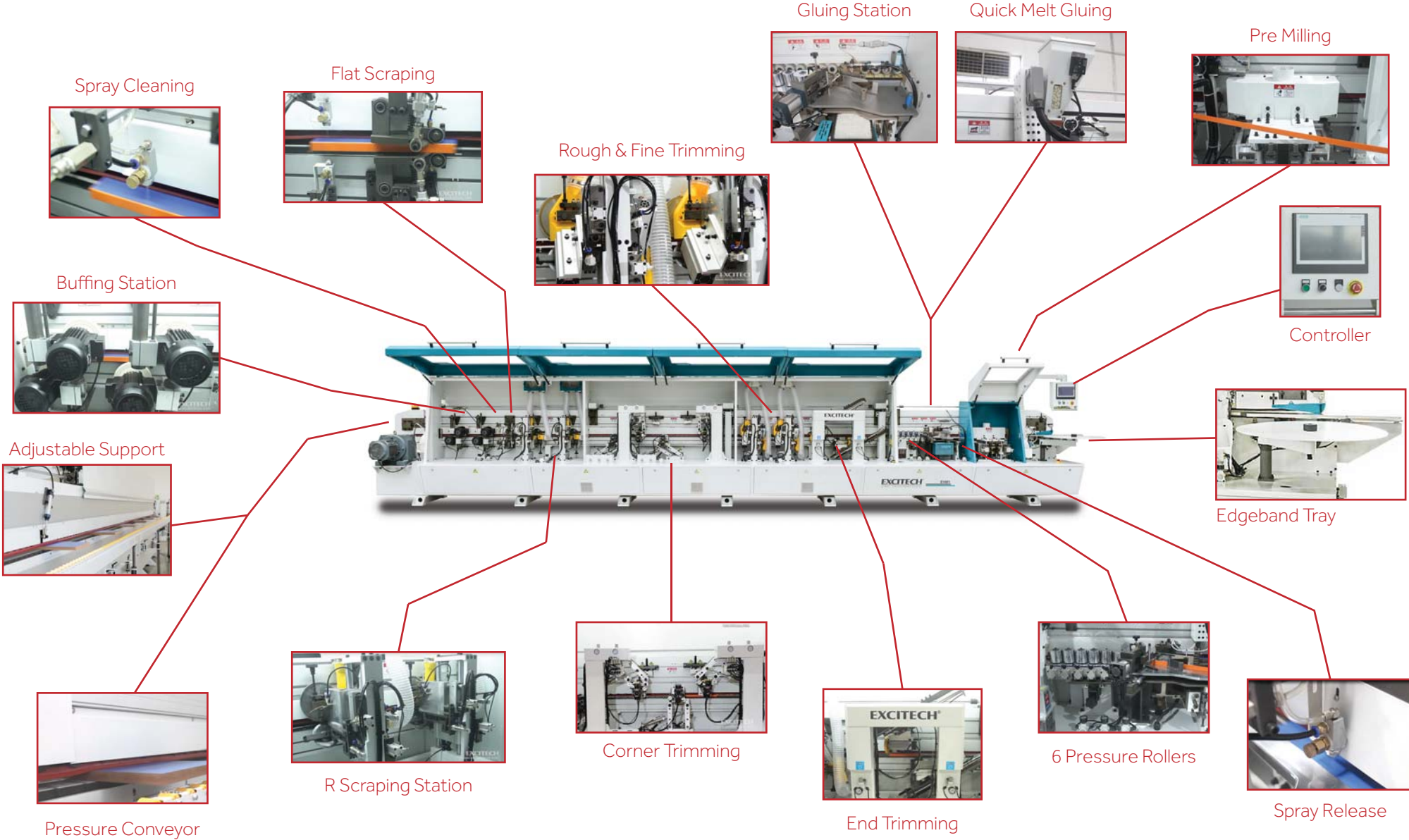
EV681 Features

Spray Release- Pre Milling- Gluing unit (quick melt)- Infrared heating- End Trimming- Rough Trimming- Fine Trimming- Corner Trimming- R Scraping- off cut-Flat Trimming- Buffing

EV691 Features

Spray Release- Pre Milling- Gluing unit (quick melt)- Infrared heating- End Trimming- Double Rough Trimming- Fine Trimming- Corner Trimming- R Scraping- off cut-Flat Trimming- Buffing

EDGEBANDING FUNCTIONS



EDGEBANDING FUNCTIONS EXPLAINED

Spray Release

Spray release is used to clean the panel from dust and debris before the panel is edgebanded

Pre Milling

Pre milling the panel with diamond tipped tools gives an extremely smooth edge prior to gluing

Gluing Station

Glue pot for hot melt beads to bond edgeband to panel

Quick Melt Gluing

Quick Melt glue pot speeds up processing as the glue heats up rapidly, useful when frequent glue colour changes are required

Infrared Heating

Used with quick melt system to preheat the panel for rapid processing

6 Pressure Rollers

One big roller and 5 smaller rollers make sure the edge is pressed seamlessly against the edge of the workpiece.

Rough & Fine Trimming

Rough trimmig of the excess edge before fine trimming, used with thicker bands over 1.5mm
Fine trimming of edge before scraping

End Trimming

Trims the edge band at the front end and back end of the panel

Corner Trimming

Trims the 90 degree corner with a radius

R Scraping Station

Rough and fine scraping station prior to flat scraping for zero glue line edges

Flat Scraping

Final flat scraping to remove any tiny glue or edge particles prior to buffing

Spray Cleaning

Spray cleaning unit cleans any dust residue from the trimming process prior to buffing

Buffing Station

The buffing station rollers polish the machined top and bottom of edge of the panel to give a perfectly clean and polished finish

Edgeband Tray

Support tray for holding the edgebanding material waiting to be processed

Controller

All the operations available at your finger tips through the intuitive touchscreen user interface

Pressure Conveyor

The pressure conveyor holds the workpiece firmly in place whilst traversing through the edgebanding machine

Adjustable Support

Adjustable roller support for supporting different size panels as they are processed through the machine

Off Cut

A device used to trim the scrap edgeband during the trimming process to prevent wrapping around the milling tools.

EDGEBANDING FUNCTION MATRIX

MODEL	SPRAY RELEASE AGENT	PRE MILLING	GLUING	INFRARED HEATING	END TRIMMING	ROUGH TRIMMING	FINE TRIMMING	CORNER TRIMMING	R SCRAPING 1	R SCRAPING 2	OFF-CUT	FLAT SCRAPING	SPRAY CLEANING AGENT	BUFFING
EV460			•		•		•					•		•
EV461		•	•		•		•					•		•
EV462			•		•		•	•				•		•
EV463		•	•		•		•	•				•		•
EV480			•		•	•	•					•		•
EV481		•	•		•	•	•					•		•
EV482			•		•	•	•	•				•		•
EV483		•	•		•	•	•	•				•		•
EV580			•		•	•	•		•	•	•	•		•
EV581		•	•		•	•	•		•	•	•	•		•
EV582			•		•	•	•	•	•	•	•	•		•
EV583		•	•		•	•	•	•	•	•	•	•		•
EV680	•	•	QUICK MELT	•	•	•	•		•	•	•	•	•	•
EV681	•	•	QUICK MELT	•	•	•	•	•	•	•	•	•	•	•
EV691	•	•	QUICK MELT	•	•	DOUBLE	•	•	•	•	•	•	•	•

EDGEBANDING SPECIFICATION

MODEL	MACHINE DIMS LxWxH mm	POWER	FEED SPEED	PANEL THICKNESS	EDGE THICKNESS	MIN. WORKPIECE LENGTH	MIN. WORKPIECE WIDTH
EV460	4000 x 1000 x 1600	9kW	16-20m/min	12-65mm	0.4-3mm	150mm	60mm
EV461	4900 x 1000 x 1600	14kW	16-20m/min	12-65mm	0.4-3mm	150mm	60mm
EV462	5100 x 1000 x 1600	12kW	16-20m/min	12-65mm	0.4-3mm	150mm	60mm
EV463	5950 x 1000 x 1600	16kW	16-20m/min	12-65mm	0.4-3mm	150mm	60mm
EV480	4550 x 1000 x 1600	10.5kW	16-20m/min	12-65mm	0.4-3mm	150mm	60mm
EV481	5450 x 1000 x 1600	14.5kW	16-20m/min	12-65mm	0.4-3mm	150mm	60mm
EV482	5700 x 1000 x 1600	14kW	16-20m/min	12-65mm	0.4-3mm	150mm	60mm
EV483	6500 x 1000 x 1600	18kW	16-20m/min	12-65mm	0.4-3mm	150mm	60mm
EV580	5330 x 1000 x 1600	10.5kW	16-20m/min	12-65mm	0.4-3mm	150mm	60mm
EV581	6460 x 1000 x 1600	14.5kW	16-20m/min	12-65mm	0.4-3mm	150mm	60mm
EV582	6730 x 1000 x 1600	12.6kW	16-20m/min	12-65mm	0.4-3mm	150mm	60mm
EV583	7640 x 1000 x 1600	16.6kW	16-20m/min	12-65mm	0.4-3mm	150mm	60mm
EV680	8160 x 1000 x 1600	27kW	16-20m/min	12-65mm	0.4-3mm	150mm	60mm
EV681	10200 x 1000 x 1600	27kW	16-20m/min	12-65mm	0.4-3mm	150mm	60mm
EV691	9730 x 1000 x 1600	20kW	16-20m/min	12-65mm	0.4-3mm	150mm	60mm

OPTIONS (SUBJECT TO BASE MACHINE)

- Spray release agent
- Spray cleaning agent
- Reverse infeed
- Double glue reservoirs
- Quick Melt
- Side Grooving
- Top Grooving
- Bottom Grooving

POWELL CNC

SALES & SERVICE



TRANSPORT

The machine is priced with delivery to the customer's site included (UK ONLY). Unloading and positioning of the machine is the customer's responsibility. For most machines the use of a forklift truck with fork extensions is adequate. (Please check Gross Weight for forklift truck lifting capacity) Overseas customers are responsible for any shipping costs, import duty, tax, freight forwarding charges and transportation.

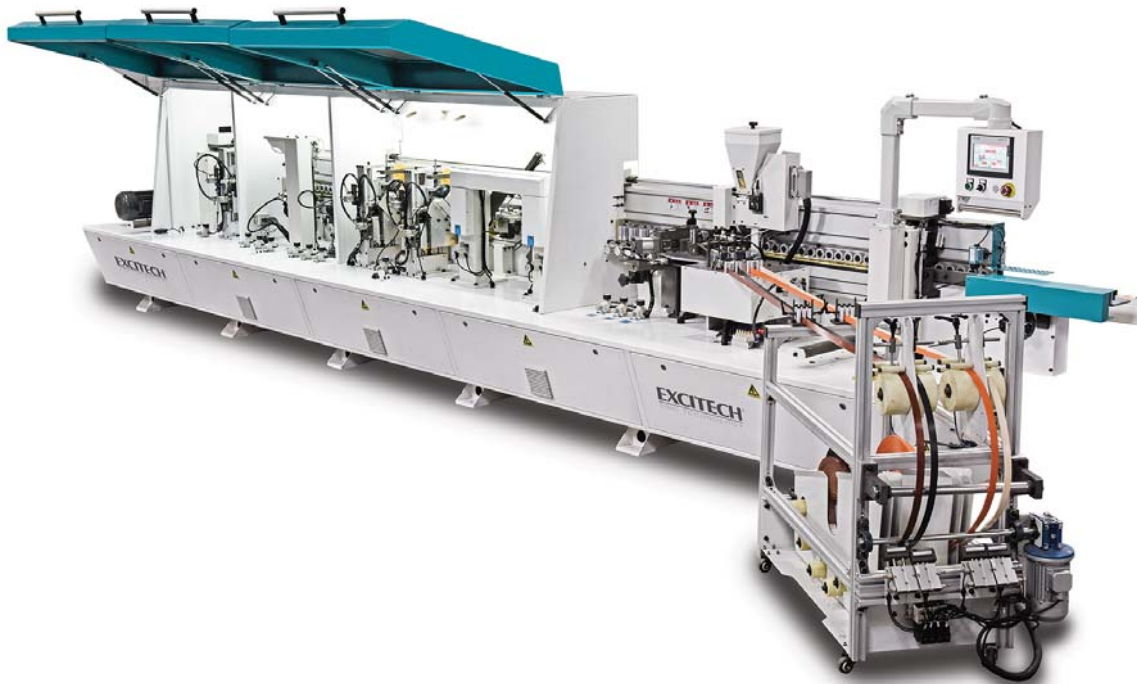
The delivery date is conditional on receipt of the down payment within the agreed deadline. The metric functional testing of the machine is carried out at Powell CNC. For all machines 2m wide and over additional lifting equipment must be supplied to erect the gantry on site. For a complete turnkey service using professional, fully insured machine movers an additional £750 will be charged. Please make sure you inform Powell CNC if you require the complete managed unloading/assembly service at the time of order. All installations will be carried out by trained Maxicam engineers.

NB: If machine unloading service is required please inform Maxicam Ltd at the time of order

DELIVERY

Due to the vast array of applications suitable for CNC machines most Powell CNC Routers are made to order. Standard specification machines are normally supplied on an 14 week lead time. Where a machine is built for a bespoke application an extra 2-4 week build time may be added. All lead times will be confirmed at the time of order.





CE STANDARDS/WARRANTY

Certificate of Conformity, according to the requirements established in the part A, Annex VII of the machinery Directive, point 1, Annex IV of EMC Directive and Point 3, Annex IV Low-Voltage Directive.

All Maxicam/Powell CNC machines come with a 12 month warranty on the machine and mechanical components for normal use. The spindle comes with a 6 month warranty for normal use. If it is deemed that the machine failure is caused by inadequate maintenance or operator error such as incorrect programming then the warranty may be deemed to be void. However, in all circumstances Maxicam will endeavour to fix the problem as quickly as practicable. Maxicam holds spares in stock ready for immediate worldwide dispatch using TNT Express Airmail service. Please note that any parts deemed to have failed must be returned to Maxicam for assessment by our engineers. Failure to return the failed items may result in the replacement parts being invoiced.

Maxicam machines have been designed for continual operation in high production environments, it is imperative that all maintenance schedules indicated in the user manual are adhered to at all times, failure to comply with the scheduled maintenance may result in the machine warranty being void. Maxicam engineers will train the operatives on the preventative maintenance procedures during the machine training.



PAYMENT TERMS

- 10% on order
- 50% 4 week interim payment
- 30% 1 day prior to delivery
- 10% After training

Maxicam Ltd requires written confirmation, confirming all documents are signed and in place and that the monies due will be released into our bank account on delivery. Maxicam Ltd requests that all payments are made by T.T into our bank account, to enable you to do this our bank details will be printed at the bottom of all invoices.

All prices are + VAT where applicable.

CONTACT

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