

# B95KFE

EDGE BANDING MACHINE

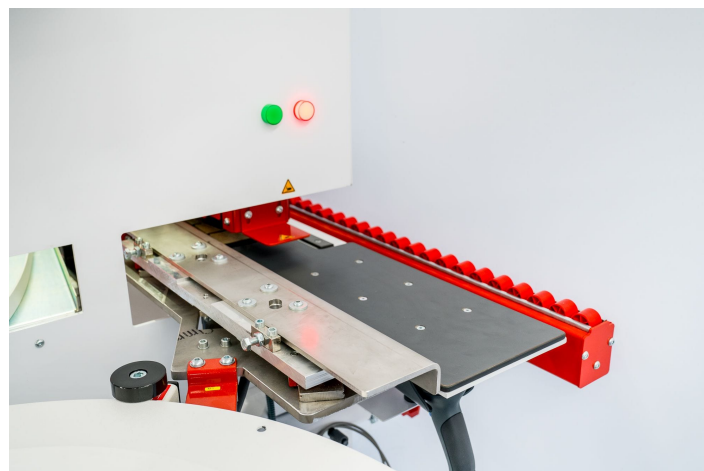
One-sided automatic edge banding machine with pre-milling unit, direct glue application to straight workpieces (EVA-PUR Glue pot with run-out function/optional), 2-motor HF-cut-off saw station, HF-top and bottom Multiprofile milling unit, 2-motor corner rounding unit, chain feed, motorized beam pressure with encoder and ball-bearing double roller top pressure, extendable work piece support, signal lamp for work piece sequence, synchronization of working units by encoder as well as L-Motion control (18-axis). For ABS, PVC, melamine and strong wood veneer roll material as well as fixed lengths from 0.4 – 3.0/6.0 mm and of 8 – 60 mm work piece thickness. Centralised dusting system for all working units. • Speed: 10,0 m/min • 3 spaces for finishing units • 10" Colour Touch screen





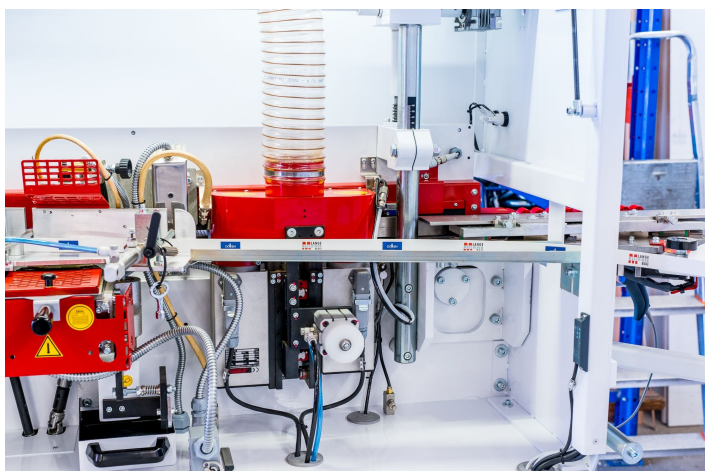
### EDGE FEEDING

Automatic edge feeding for roller material over turntable  $D = 800$  mm.



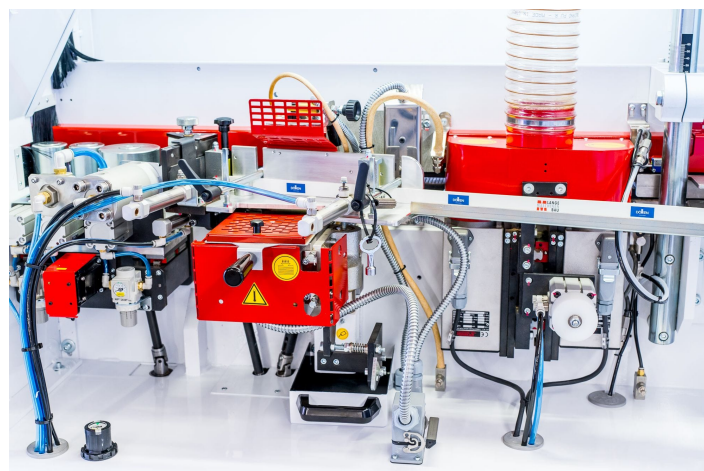
### INFEEED LINEAL

Longer infeed lineal (650 mm)



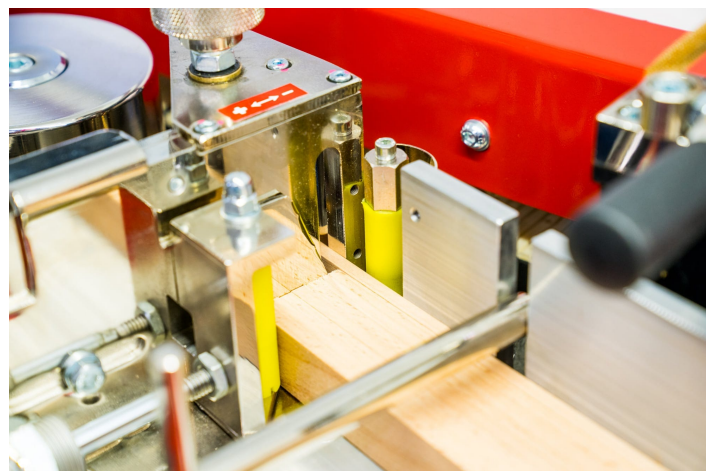
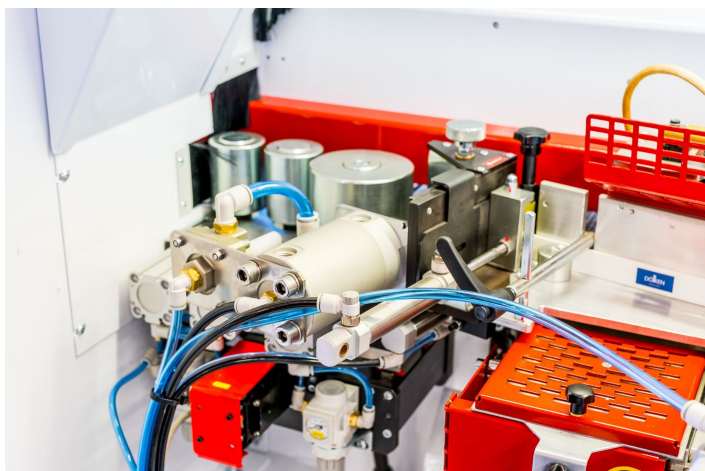
### PRE-MILLING UNITS

Two reverse, operating-controlled pre-milling units with diamond charged helical joining millers provide a neat and tear-free premilling of the work pieces before the gluing of the edge material.



### GLUE APPLICATION

Glue application directly to workpieces: Teflon-coated glue pot with a capacity of 1,5 kg, leak proof with glue supply from below (excess glue automatically flows back into the glue pot). Glue roller allows exact dosage of glue. Separate glue roller temperature adjustment. Electronic temperature control with automatic stand-by function (reduces probability that the glue burns if the machine is not used for a longer periods and is still turned on). Optional: EVA/PUR glue pot with run out / cleaning function for quick change of glue

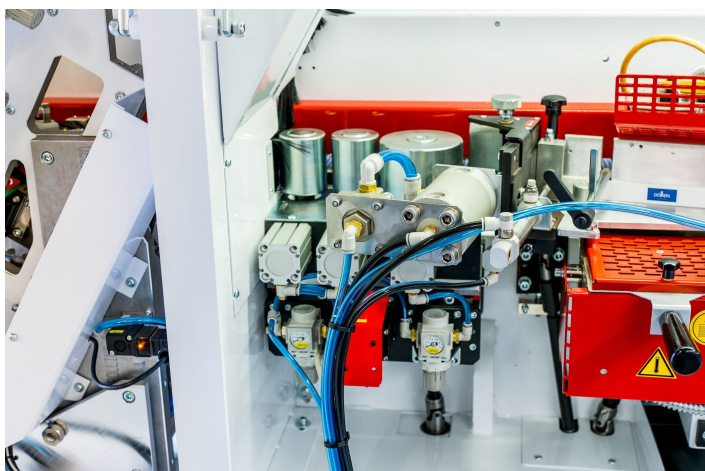


**CUT-OFF KNIFE**

Pneumatically operated cut-off knife from roll material up to 3mm edge thickness.

**FEEDING MAGAZIN**

Automatic feeding magazin (70mm magazin capacity) with spiked roller for solid wood.

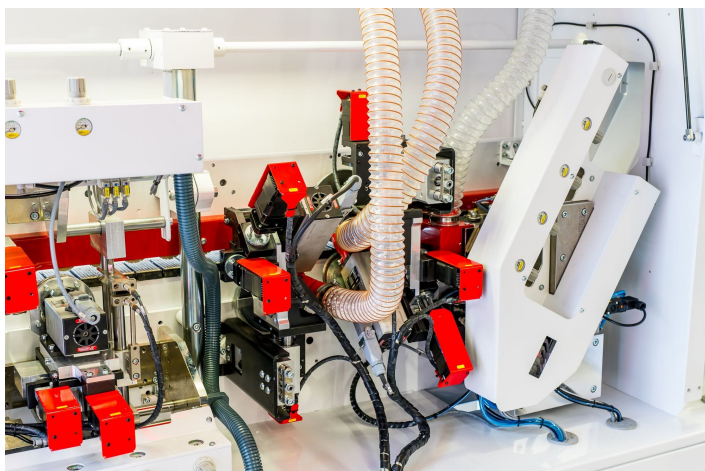


**PRESSURE UNIT**

Pressure unit consisting of one driven pressure roller synchronized with glue spreading roller and two of smaller diameter, conical, one positive and one negative pressure roller with pneumatic tension for a nearly invisible joint of the edge material with the work piece, program-controlled setting for edge thickness via L-Motion Motor

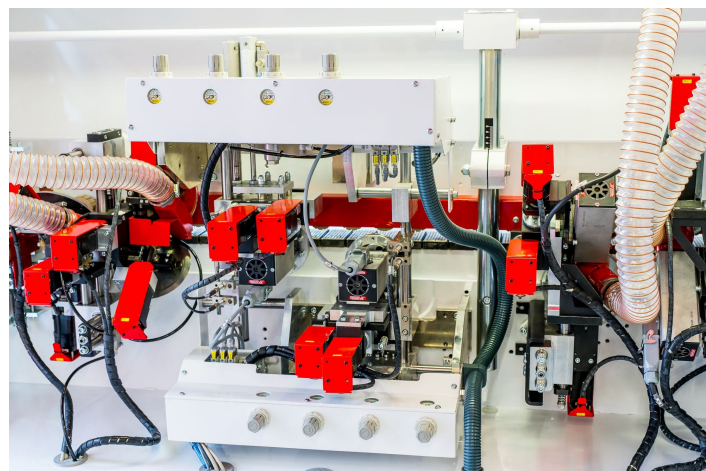
**CUT-OFF SAW**

High-frequency cut-off saw equipped with 2 HF motors 0.55 kW, 12,000 rpm, 2 saw blades and high-precision linear guides ensure a clean and precise saw cut, with extraction hoods. Pneumatically tilting from the screen



### MILLING STATION

High-frequency top and bottom milling station, 2 powerful 0.55 kW high-frequency motors with HM-WPL special millers; suitable for radius, bevel and flush milling, horizontal and vertical scanning of the work piece; aggregate adjustment equipped with digital readouts for setting to various edge types; 2 extraction hoods for shavings with central extraction nozzle 2 x Ø 100 mm; height adjustment of the upper aggregate with the top roll pressure.



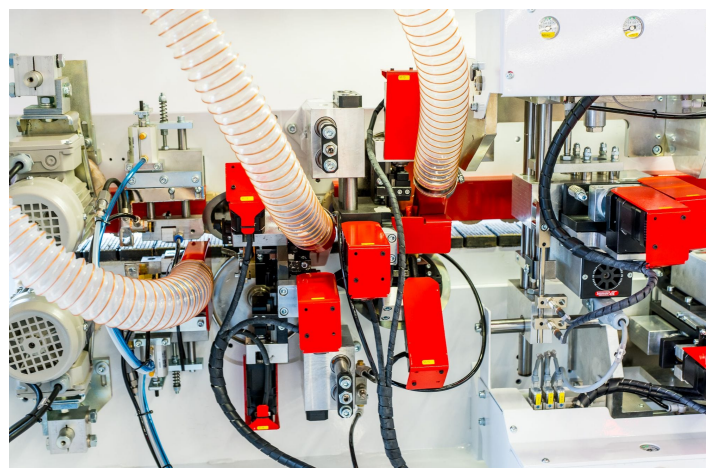
### CORNER ROUNDING UNIT

Automatic processing of corner edges up to 3 mm edge thickness. Equipped with 2 high frequency motor 0, 27 kW, selectable on operating panel. One side (front or back edge) or both side corner rounding unit. 2 L-Motion motors each for positioning of the horizontal copy shoes and positioning of the tool.



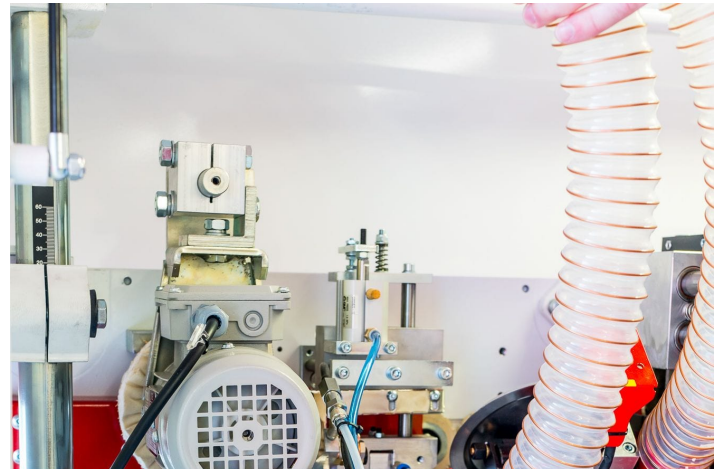
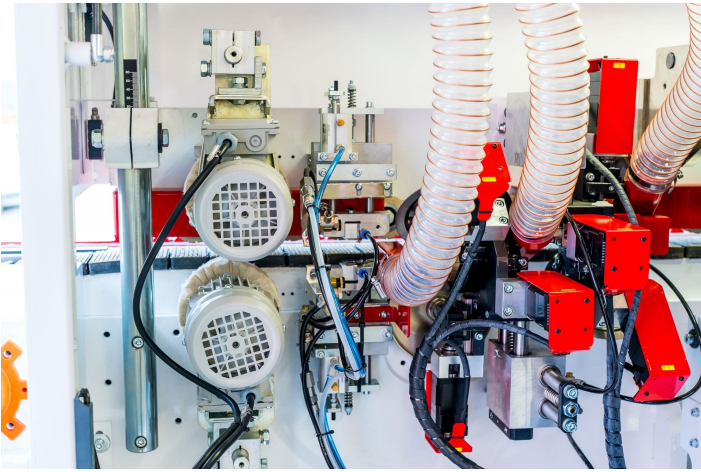
### TOUCHSCREEN

Rotatable control panel with 10" color touch screen controls glue temperature settings, automatic temperature reduction for stand-by function of the machine, switching on and off of aggregates and error diagnosis, the motorized beam pressure, extensive program memory and fully automatic operation of the processing units via L-Motion Motors



### RADIUS SCRAPER UNIT

With a slight draw cut eventual radius milling traces are removed to provide a perfect finish. It is equipped with a multiprofile tool (3 different radius) as well as motorized adjustment via 3 L-Motion Motors



#### **GLUE SCRAPER UNIT**

Removes eventual glue rests with a slight draw cut from the glue joint of the work piece surface.

#### **BUFFING UNIT**

2 motors 0.09 kW, 1,500 rpm provide a super-finish for ABS and PVC edge material.

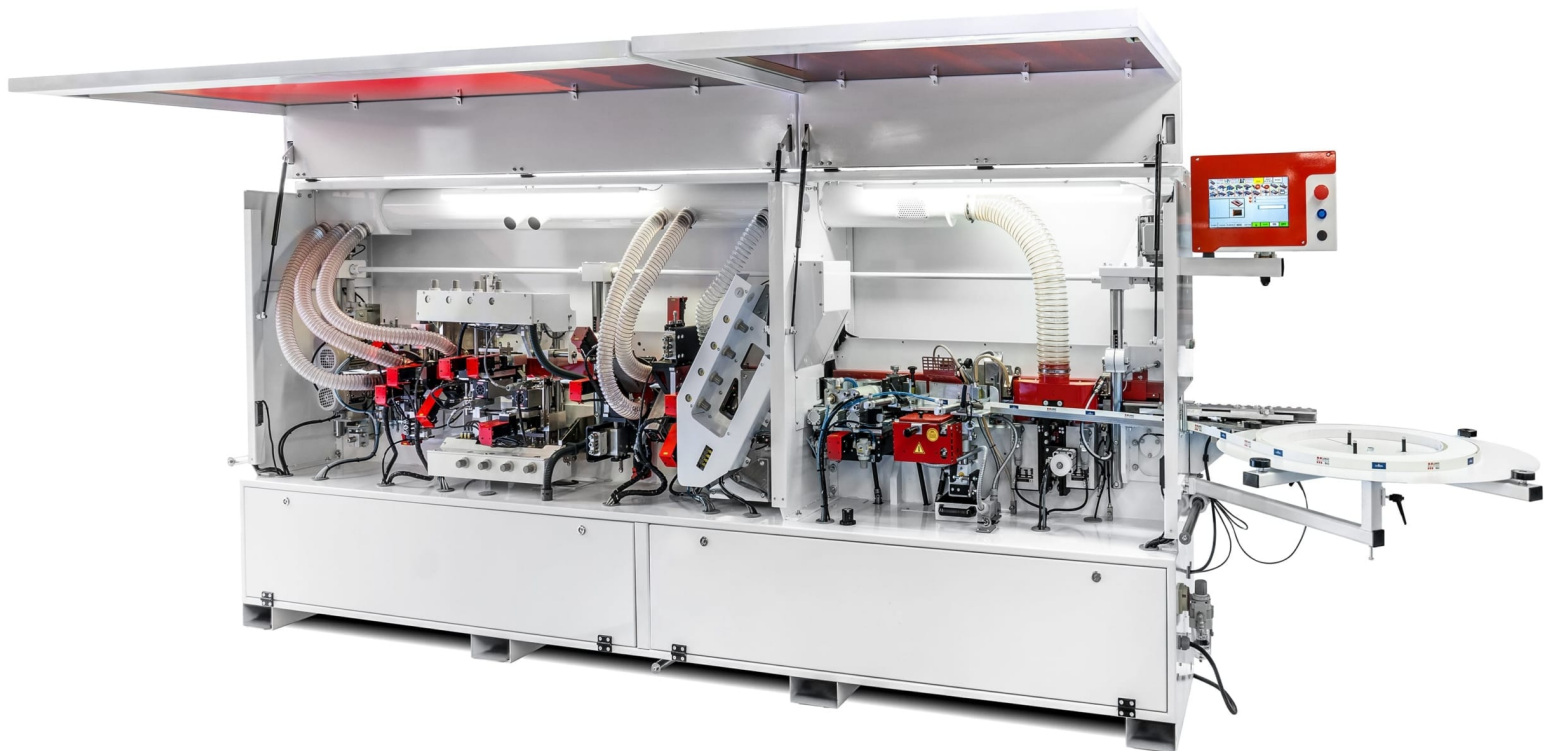


#### **INFRARED LAMP**

The operation controlled, high quality infrared lamp warms the edge surface in front of the glue unit. This guarantees that the edging adheres to cold workpieces..

**Technical Data**

Machinelength	3564 mm
Workpiece thickness	8 – 60 mm
Workpiece width	min. ca. 75 mm
Workpiece length	min. ca. 120 mm (min. ca. 180 mm mit Eckenkopieren)
Edging thickness	0,4 – 3,0/6,0 mm
Adjustable cutting depth pre-milling unit	0 – 2,0 mm stufenlos
Max edge thickness	= Werkstückhöhe + 4 mm (2+2)
Electrical connection	400V, 50 Hz, 3Ph + N
Total load	9,0 kW
Feed speed	10 m/min.
Air connection	6 bar
Weight – nett	1400 kg



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