

EDGE BANDER

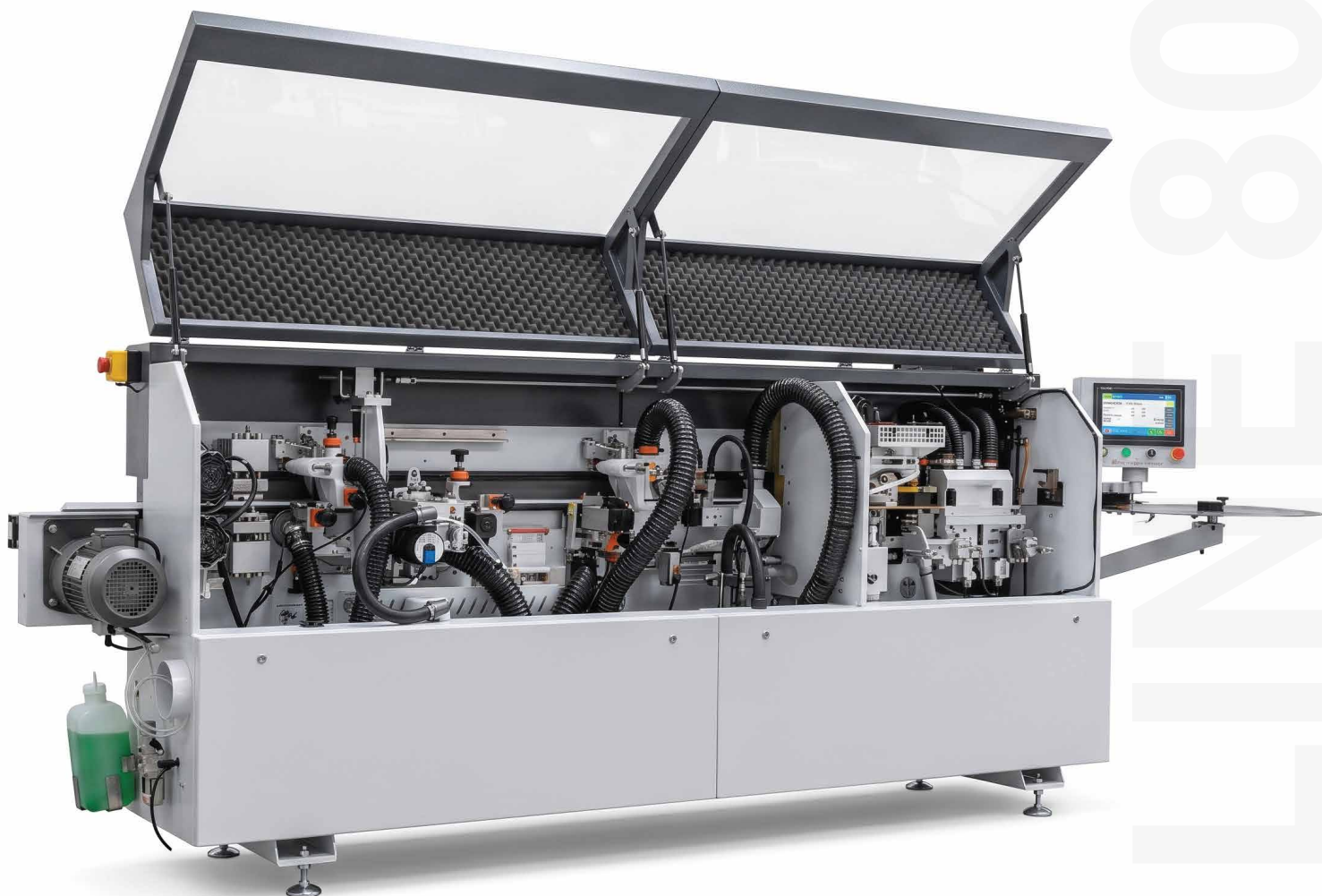
E-LINE 801

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Next-generation precision. Uncompromising efficiency
for high-volume panel finishing.

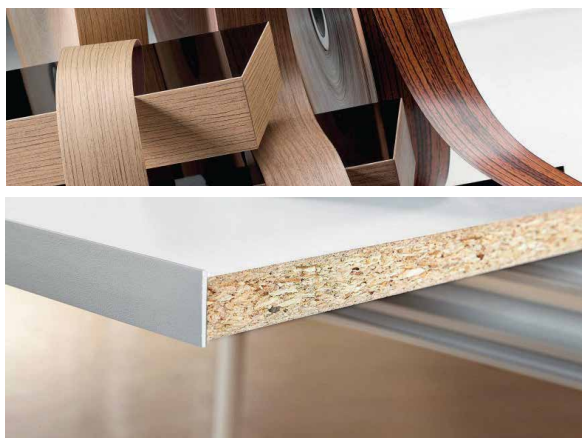
Simply a better edge.



Material types

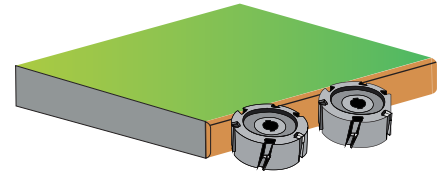
EDGE PARAMETERS

A high level of flexibility is achieved through the processing of all types of edge materials: melamine, ABS/PVC, solid strip and veneer. Special tracing elements are ideal for processing sharp-angled or blunt-angled parts or parts with hinge holes.



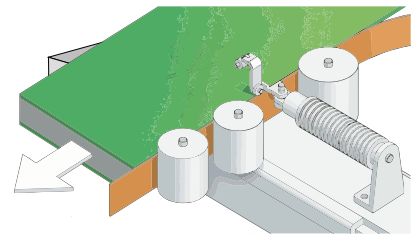
PRE-MILLING UNIT (Diamond Blade)

Pre-milling cleans impurities and cracks on the surface of the workpiece to be edged. This ensures stronger adhesive adhesion.



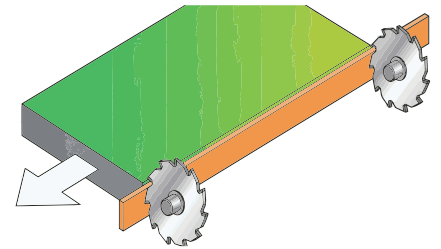
GLUING STATION & PRESSING

The gluing mechanism adopts a special structure to gelatinize the plates and coating materials uniformly, ensure a more solid conglutination.



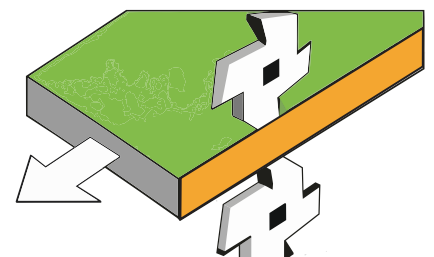
END TRIMMING

End trimming mechanism through a precise guide track movement, adopt automatic tracking and high frequency motor fast cutting structure to ensure the cutting surface smoothly.



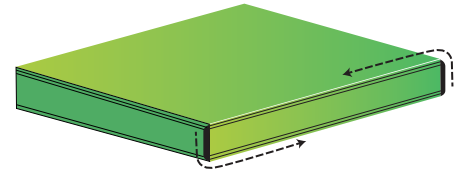
FINE TRIMMING

Fine trimming mechanism used for repairing the excess edge materials, adopt automatic tracking and high frequency motor fast cutting structure to ensure the trimming plates smoothly.



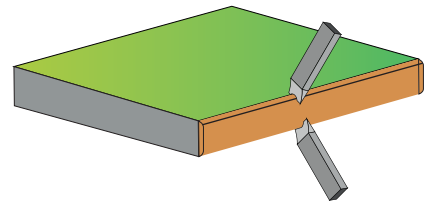
CORNER TRIM

Corner rounding can make the edge banding strip at four corners of the plate more rounded and beautiful.



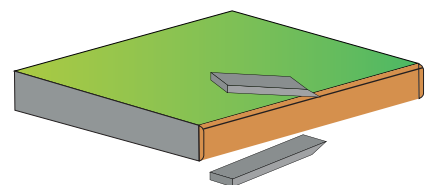
SCRAPING UNIT

The scraping unit, which has the same value as the radius value given in the milling unit precision, ensures the radius is smoother



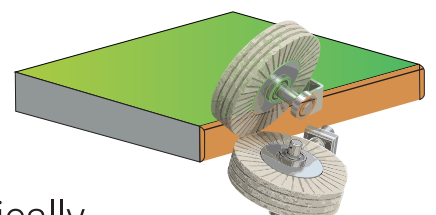
FLAT SCRAPING UNIT

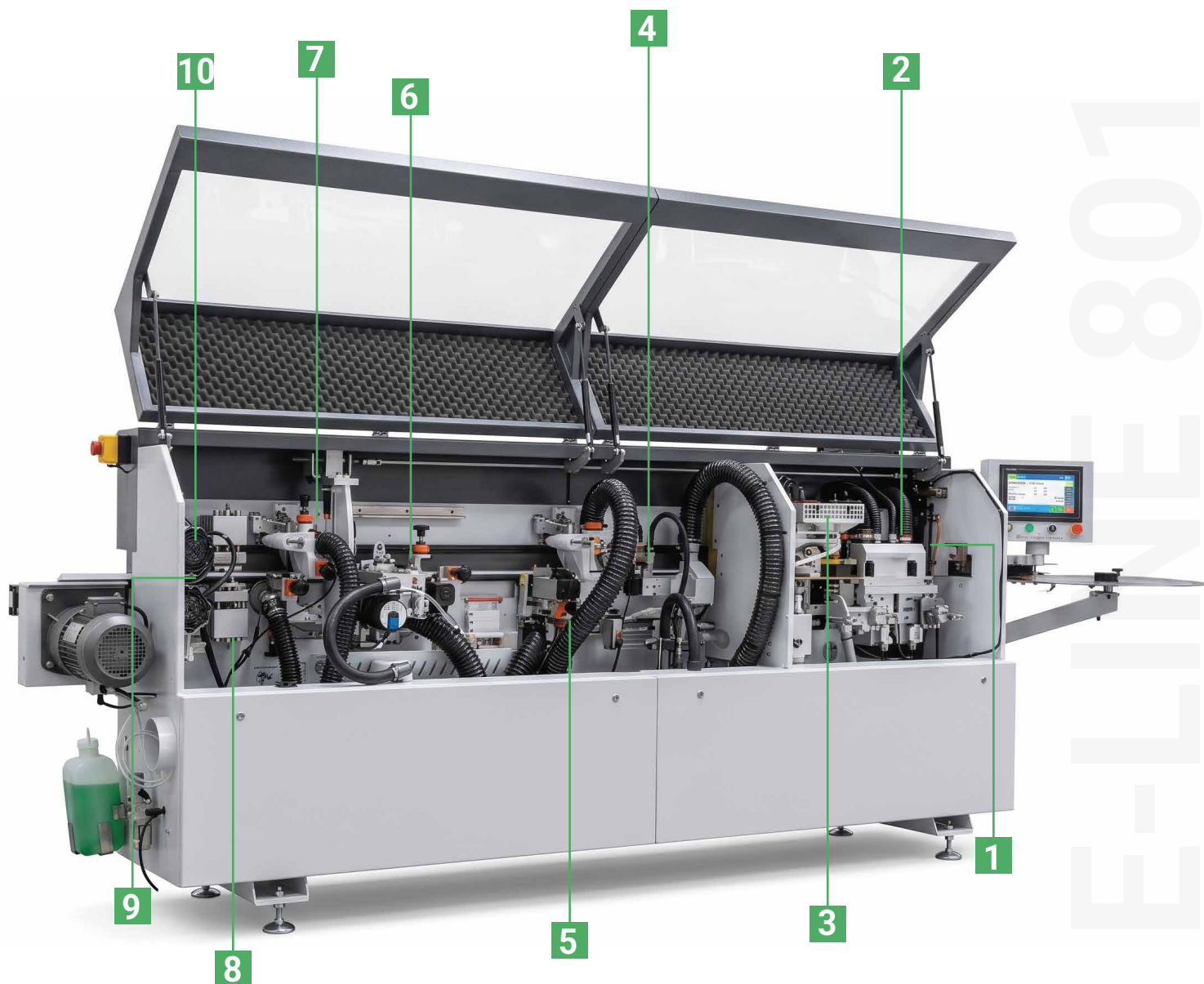
Cleans the glue residues on the surface by scraping it flat



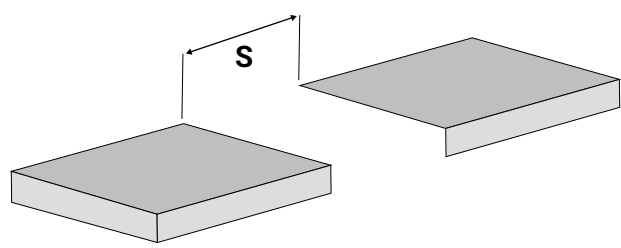
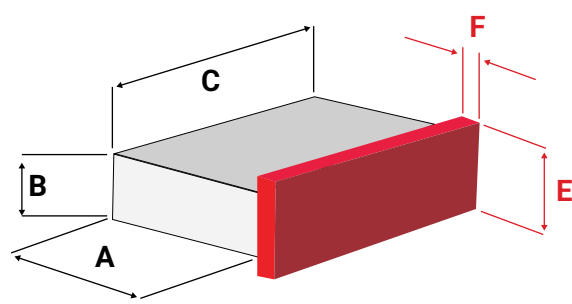
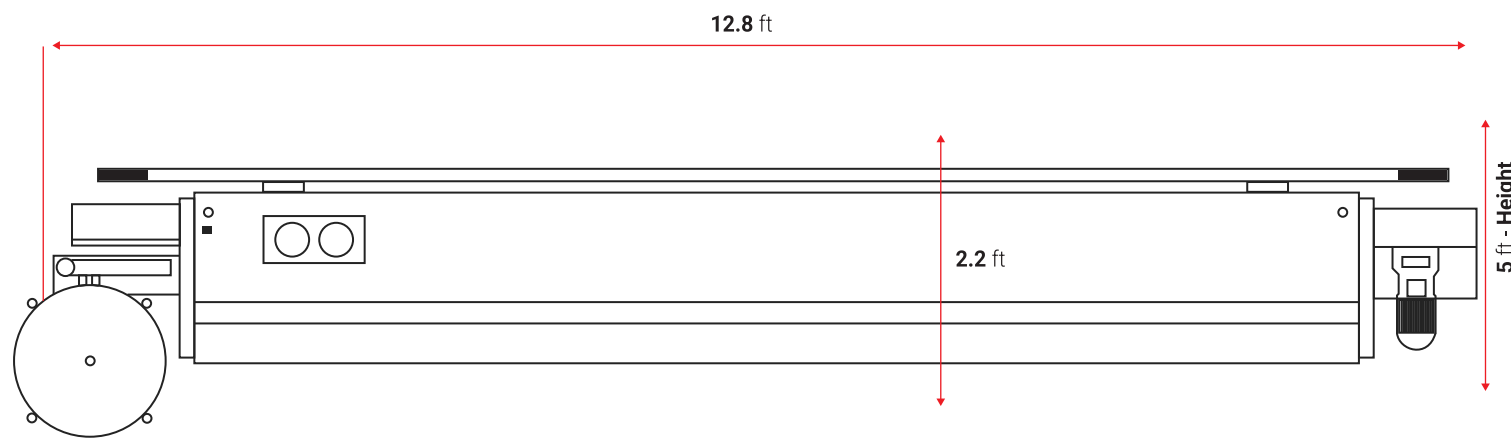
BUFFING UNIT

spraying units to polish the belt edge in the feed and exit area. anti-static coolant and lubricator are electronically controlled to special nozzles for smooth edge finishing.





Top View



- A** min, 120 mm
- B** min, 10 /max. 50 mm
- C** min, 150 mm
- E** min , 14 mm /max, 54 mm
- F** min, 0.4/max.3 mm
- S** 600 mm (Safety piston control)

Installation Length : **13ft**
Installation Width : **4.5ft**

Electricity	380-400 V , 60 Hz , 18A
Total electrical power	12 Kw
Tape thickness	0.40 mm - 3 mm
Work piece thickness	10 - 50 mm
Work piece width min	120 mm
Work piece length min	150 mm
Working speed	9 m /min
Air pressure	6 - 8 Bar
Pre milling motors power and speed	2 x 2.2 Kw 10000 rpm
Head-end cutting motor power and speed	0.55 Kw 12000 rpm
Bottom-Top milling motors power and speed	2 x 0.75 Kw 18000 rpm
Corner motor power and speed	0.75 Kw 18000 rpm
Polishing motors power and speed	2 x 0.37 Kw 1350 rpm
Track chain motor power and speed	2.2 Kw
Dimensions of the machine L x W x H	12.8 ft x 2.2 ft x 5 ft
Weight	1400 Kg

Daily maintenance instructions

1. Before starting the machine every day, the plastic box must be checked for foreign bodies and cleaned in time
2. Check and clean the dust of the head guide rail and add lubricating oil before starting up every day
3. Check the wear condition of tools, polishing cloth wheel, press wheel, chain block and other vulnerable parts before starting every day. And timely replacement
4. The triplet drain cup must be drained once a day before starting and check the triplet oil quantity, if less than $\frac{1}{3}$ need to add 32# anti-wear hydraulic oil to $\frac{2}{3}$
5. After work every day, you must use the air gun to blow clean the impurities on the machine
6. Clean the conveyor belt chain and chain block every month, and inject grease into each oil nozzle on the machine
7. It is forbidden for customers to dismantle or change the machine without permission. If the machine is damaged due to unauthorized dismantling or not using the original parts The customer assumes responsibility
8. Once a week, clean and check the rust of the pressed and glued universal coupling, and place it in the joint of the universal coupling Injection of grease

Warning: All maintenance work must be carried out under the condition of power off and plastic box cooling!



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