

ARGUMENTS for EUROSTAR

1. Controls

Clearly designed user panel

TFT – Display

Easy operation due to dialogue controlled surface

Fully integrated optimization including inputs for edges, coating, grooves, rebates as well as project and material administration and much more

Integrated labelling programme

Integrated maintenance programme

3. Printer positioning

The printer is mounted to the right hand side of the control panel and is therefore especially user friendly for right handed people. Short items can be labelled easily.

4. Speed of work

The parking position of the sawing aggregate in a fixed starting position allows for the shortest possible cutting cycles (especially with varying widths)

Electronical pressure beam control

The segment protection stays closed throughout the program sequence

Electronically controlled side pressure unit (prepositions during the loading operation)

Automated control of the length of cut

Optimated control technique (short acceleration and breaking distances) guarantees that the maximal feed speed (80 or 100 m/min) is reached at the point of entry into the material.

These components ensure that EUROSTAR is the fastest machine in the trade regarding the cutting cycle. (10 cuts of 600 mm longitudinal sections within 1 min and 15 sec).

6. Cutting direction

The cutting away from the fence ensures that saw dust does not collect at this point. This means that work pieces can be positioned at the touching zones without laborious cleaning of the area. It is also not necessary to enter the strip width during the manual operation modus.

5. Cut quality

1. Saw unit guide

- Hardened guiding bars ensure life long wear and tear free operation
- A large distance between the guiding bars enables an especially quiet run of the saw unit
- Hardened and profile ground rollers ensure smooth operation of the saw unit
- A cleverly thought out wipe off system prevents dust from building up on the guiding bars

2. Vertical guide of the saw unit

- Hardened guiding bars ensure live long wear and tear free operation
- Saw and carriage guides are positioned on the same level, therefore giving optimal stability during the cutting process for all cutting height areas

3. Saw Drives

~ The saw shafts are driven via a rib belt resulting in an absolutely vibration free run of the blades

4. Table surface

- The table plates are calibrated on both sides which ensures 100% smoothness of the surface and therefore even scoring throughout the entire cutting length

5. Pressure Beam

- Even pressure in front and behind the work piece are ensured via a pressure beam over the entire pressure area as well as balancing shafts. Wear free rubber coating balances both irregularities of the board and any pressures within the material.

6. Diameter of the saw blade

- The construction has been designed in such a way that even maximum cutting heights (93 mm) can be achieved with a saw blade of 350 mm in diameter. The bigger the diameter of the saw blade, the bigger the deviation, leading to inaccurate results.

6. Electrical scoring saw adjustment

- The adjustment of the scoring saw is regulated via cursor buttons on the control panel.

7. Compact construction

Even with bigger units and higher feed speed the machine only measures 160 mm more in length than the EURO 5 (SL 4,2 = 6225 mm, SL 3,2 = 5225 mm)

8. Clamps

- The clamp levers close onto the cutting material with a rotating movement, therefore pulling the material to the clamps

9. Touch free measuring system to regulate the pusher fence

A magnetic measuring system with a resolution of 0,01 mm guarantees exact cuts according to measure, is free of mechanical wear and not sensitive to dust.