



## AUTOMATIC EDGE BANDER WITH GLUE POT MODEL : ALA 20S



### STANDARD EQUIPMENT

Machine frame made of “high stability” and “high rigidity” monoblock steel which allows adjustments to be maintained.

- Overhead control panel in an ergonomic position near to operator.
- Panel support rollers along the entire length of the machine.
- Automatic positioning of the operating units according to the selected panel thickness with manual adjustment of top beam.
- Anti-scratching table equipped with 3 rollers.
- Panel handling by top feeder with high-adherence toothed belt with steel cables inside.
- Mechanical digital readout of selected panel thickness.
- Anodised aluminium outfeed fence.
- Protection safety hood for operating groups.
- Electrical cabinet with PLC, padlockable main switch and overload protection.
- Emergency pushbuttons.
- Centralized dust extraction with separate glue fumes extraction.

### GLUE POT UNIT, EDGE LOADING AND PRESSING SYSTEM

Teflon coated glue pot with quick heating system for rapid and easy glue replacement. Glue spreading roller with internal resistance to maintain a constant glue temperature. Temperature control of the applied glue integrated into PLC. Device for automatic recovery of unused glue. Automatic edge loading system for coil edging with shear device for edging up to 2 mm thick. Coil holder plate, 730 mm diameter. Two edge pressure rollers: the first is a steel roller, the second is a rubber roller. Entry fence adjustment depending on edging thickness. Adjustments are shown on numerical readout. Function to reduce the glue temperature after temporary stand by integrated into PLC.

### END TRIMMING UNIT

Pneumatic end trimming unit for 90° end trimming of front and rear exceeding edge. Possibility to exclude the unit by PLC.

### TOP AND BOTTOM ROUGH TRIMMING UNIT

The unit is equipped with vertical and horizontal copying pad devices for perfect tool alignment. The unit is complete with combined cutters  $\varnothing$  75 mm: a part of the blade is used to trim radius (2mm) edging and thin edging. The straight side is used to trim wood edging up to 5 mm. The simple axial movement of the tools allows changeover between radius edging and wood edging. The thickness is shown by 2 numerical readouts.



## TECHNICAL DETAILS

|   |                    |
|---|--------------------|
| WORKTABLE DIMENSIONS (WITH OPEN EXTENSIONS) | 1950x 180 (530) mm |
| WORKING TABLE HEIGHT                        | 904 mm             |
| MIN/MAX WORKING THICKNESS                   | 12/50 mm           |
| STRIP EDGING THICKNESS UP TO                | 5 mm               |
| COIL EDGING THICKNESS                       | 0,4-2 mm           |
| MIN. PANEL WIDTH (COIL EDGING)              | 65 mm              |
| MIN PANEL LENGTH (COIL EDGING)              | 190 mm             |
| MIN. PANEL LENGTH (FRONT END TRIMMING)      | 120 mm             |
| FEED MOTOR POWER                            | 0,18 kW            |
| FEED SPEED                                  | 6 m/min            |
| PNEUMATIC PRESSURE                          | 6,5 bar            |
| SUCTION HOOD DIAM.                          | 120 mm             |
| SUCTION HOOD FOR SMOKE DIAM.                | 60 mm              |
| WORKING TEMPERATURE                         | 20 - 190°C         |
| STANDARD MACHINE NET WEIGHT                 | 295 kg             |

## GLUE POT UNIT

|                       |         |
|-----------------------|---------|
| MOTOR POWER (S1)      | 0,18 kW |
| GLUE CAPACITY APPROX. | 0,5 Kg  |

## TRIMMING UNIT

|                      |            |
|----------------------|------------|
| MOTOR POWER (S1)     | 0,55 kW    |
| BLADE ROTATION SPEED | 12.000 rpm |
| WIDIA TOOLS DIAM.    | Ø 75 Z4    |