

Optimal sanding of all sides: New sanding line by Destefani

Sanding solutions manufacturer Destefani has launched a 16.5m-long line consisting of 12 sanding units for the four-sided sanding of wooden panels.

The new complete sanding line by Destefani, a firm that specialises in sanding solutions, is ideal for sanding all four sides of solid wood elements in a single pass. Specifically, it is ideal

for finishing elements of furniture, profiles, jambs, architraves, and door and window parts, and it can process workpieces that have a width between 30-200mm and a minimum length of

450mm, ensuring as much flexibility, quality and productivity as possible.

Alessio De Stefani, technical sales manager of the Destefani brand, said: “Our sanding line is perfect for sanding profiles and flat elements and allows you to obtain a perfect sanding on all four sides. This line was installed by a well-known Polish manufacturer of children’s bedrooms, meeting all requirements and guaranteeing an excellent quality finish combined with rapid and precise processing.”

THE SANDING LINE

The new sanding line, 16.5m-long and weighing a total of 7,600kg with 12 working units — which can be increased to 14 at the customer’s request — is made up of three successive machines.

The first machine is the B2-200 sander, composed of two units for the lower sanding of flat elements: a CTI100x unit for transversal sanding and a CTI200 unit for longitudinal sanding. The B2-200 has a thick metal structure and weighs about 1,600kg.

The second machine is the MVT 6000 large sander that sands the workpiece at the top and left side. It is made up of six sanding units: a CTS100x unit for upper transversal



sanding, a CTL100x unit for lateral transversal sanding, a CTS200 unit for upper longitudinal sanding, two AT100 units for sanding straight or shaped parts, and an SB100 unit, a brush honing unit or an abrasive wheel honing unit suitable for super-finishing, satin finishing and brushing of sanded surfaces. If necessary, a seventh unit can be added.

The third machine that makes up the new line is the MVT 4000/2 sander with a mobile base that houses four sanding units. The first unit is the CTL100x, which is used for transversal sanding of the side of the workpiece. Then there are two AT100 units for the smoothing of straight or shaped parts, and lastly, the SB100 brush unit carries out super-finishing, satin finishing and brushing operations on the sanded surfaces, to complete the machining of the workpiece in an optimal way.

All in all, the units installed in the new Destefani sanding line consists of: a CTS100x

upper transversal unit; a CTS200 upper longitudinal unit; a SB100 “Scotch Brite” unit; a CTL100x side transversal unit; a CTI200 lower longitudinal unit; and lastly, a CTI100x lower transversal unit.

“The first machine smooths the underside of the piece loaded into the line, the second machine carries out finishing of the upper part and one side, and the third machine does the second side and adds the ‘final touch’ to the entire profile,” explained Alessio De Stefani. “This is therefore a complete line that can be fitted with additional units at the customer’s request to form a completely modular and tailor-made sanding station.” **P**

Legend

- 1 Destefani's new sanding line
- 2 The SB100 brush honing unit or an abrasive wheel honing unit, suitable for super-finishing, satin finishing and brushing of sanded surfaces
- 3 The infeed area
- 4 The CTS200 unit for upper longitudinal sanding

