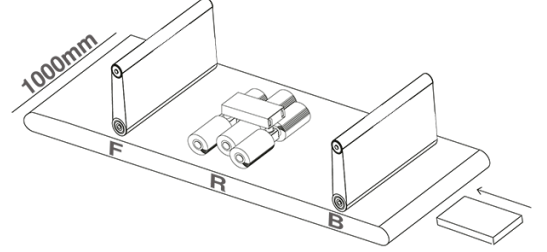


TFON Surfacer® TF-RBF-2510

Deburring & Edge Rounding Machines

On parts with a visible surface, a burr-free edge is not enough; the appearance of the surface is part of the acceptance criteria as well. The TFON Surfacer® TF-RBF-2510 combines deburring, edge rounding and satin finishing in a single pass. It processes parts up to 1000 mm wide, up to 120 mm thick depending on the application, and up to 500 kg. It suits shops producing visible laser-cut and punched parts such as panels and covers.



Which job does this machine solve?

- Combines deburring, edge rounding and satin finishing in a single pass; visible parts do not need to be moved to a second machine.
- 1000 mm working width and 500 kg part weight capacity; thickness up to 120 mm depending on the application.
- Saved recipes and servo-controlled station movement: select the part type and the machine sets itself. T-Servo station positioning works with 0.1 mm accuracy.
- Vacuum and/or magnetic holding system; minimum part size 50 × 50 mm.
- A feed speed of 0.6 to 4.0 m/min lets you match the feed to the part and the acceptance criteria.

Technical Specifications

Material	Steel, Aluminum and Stainless Steel
Maximum Material Thickness	Up to 120 mm — subject to application review
Max. Material Width (mm)	1000
Minimum Part Size (mm)	50 × 50 (subject to holding method and part geometry)
Max. Material Weight (kg)	500
Table Width (mm)	1000
Conveyor Speed (m/min)	0,6 - 4,0
Part Holding System	Vacuum and/or Magnetic
Required Compressed Air (bar)	Minimum: 4
Screen	SIEMENS - 7" Touch Screen
Quantity of Flap Wheels	6
Flap Wheel Diameter (mm)	Ø300
Flap Wheel Length (mm)	400
Flap Wheel Speed (rpm)	300 / 960
Abrasive Belt Width and Length (mm)	1030X1820

Published model data. Material, geometry and configuration affect suitability; these values do not guarantee a result or production rate.