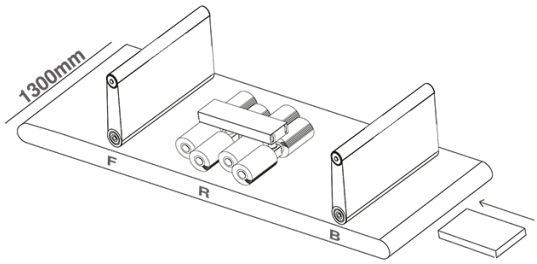
TFON Surfacer® TF-RBF-3013

Deburring & Edge Rounding Machines

Three operations in one pass on parts up to 1300 mm wide: the TFON Surfacer® TF-RBF-3013 deburrs, rounds the edges and gives the visible surface a consistent satin texture. With 8 brushes of Ø350 mm, a SIEMENS 12.1" touch screen and a part weight capacity of 600 kg, it suits series production of wide visible parts. Thickness capacity is up to 120 mm depending on the application.



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.
- 1300 mm working width and 600 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)	1300
Minimum Part Size (mm)	50 × 50 (subject to holding method and part geometry)
Max. Material Weight (kg)	600
Table Width (mm)	1300
Conveyor Speed (m/min)	0,6 - 4,0
Part Holding System	Vacuum and/or Magnetic
Required Compressed Air (bar)	Minimum: 4
Screen	SIEMENS - 12.1" Touch Screen
Quantity of Flap Wheels	8
Flap Wheel Diameter (mm)	Ø350
Flap Wheel Length (mm)	490
Flap Wheel Speed (rpm)	300 / 960
Abrasive Belt Width and Length (mm)	1330x1820

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

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