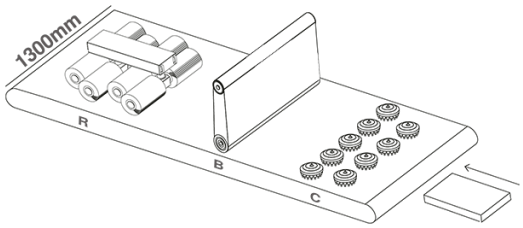
TFON Surfacer® TF-RBC-3013

Deburring & Edge Rounding Machines

Heavy slag removal, deburring and edge rounding are arranged in the same frame on the TFON Surfacer® TF-RBC-3013. The machine processes thermally cut plate up to 1300 mm wide and 600 kg; thickness capacity is up to 120 mm depending on the application. With vacuum and/or magnetic holding, it suits heavy sheet metal production where wide plasma- and oxy-fuel-cut plates are processed.



Which job does this machine solve?

- Removes heavy slag from plasma and oxy-fuel cutting at the heavy deburring station; deburring and edge rounding follow in the same pass.
- 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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