TFON Surfacer® TF-DBF 300S

Deburring & Edge Rounding Machines

On small laser-cut and punched parts, burrs, sharp edges and surface appearance often have to be handled together. The TFON Surfacer® TF-DBF 300S handles this work with a Ø360 mm disc and a 320 × 1855 mm abrasive belt. It processes parts up to 300 mm wide, 0 to 80 mm thick and 150 kg, held by vacuum. It suits shops that process small parts up to 300 mm wide on a dedicated machine.



Which job does this machine solve?

- Deburring, edge rounding and satin finishing on one machine; small parts do not need to be moved between machines.
- Processes parts from 20 × 20 mm; maximum material width and table width are 300 mm.
- 0 to 80 mm material thickness and up to 150 kg part weight, for steel, aluminum and stainless steel.
- Vacuum part holding keeps the part on the table during processing.
- Conveyor speed 0.2 to 8.0 m/min and disc speed 300 to 1,000 rpm; the machine is operated from a SIEMENS 5" touch screen.

Technical Specifications

Material	Steel, Aluminum and Stainless Steel
Material Thickness (mm)	0 - 80
Max. Material Width (mm)	300
Minimum Part Size (mm)	20 × 20
Max. Material Weight (kg)	150
Table Width (mm)	300
Conveyor Speed (m/min)	0.2 - 8.0
Part Holding System	Vacuum
Required Compressed Air (bar)	Minimum: 5
Screen	SIEMENS - 5" Touch Screen
Quantity of Discs	1
Disc Diameter (mm)	Ø360
Disc Speed (rpm)	300 - 1000
Abrasive Belt Width and Length (mm)	320X1855

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

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