

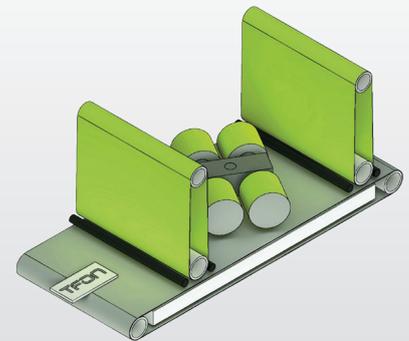
TF Surfacer

Deburring and Edge Rounding Machine

Our deburring and edge rounding machines type TF enable an optimal Surface Processing up to the perfect surface finish in the dry grinding process.

The Deburring & Edge Rounding Machines are available with 3 different passage widths. They have various performance spectrums, which are individually adapted to the modular principle customizable and configurable to customer requirements.

Both small and large-area sheet metal parts or workpieces can be processed, regardless of the material. These conveyor machines thus show the best possible flexibility in sheet metal processing.



Example Modular structure with 3 modules: 2 Deburring, 4 Edge rounding and 5 Finishing.

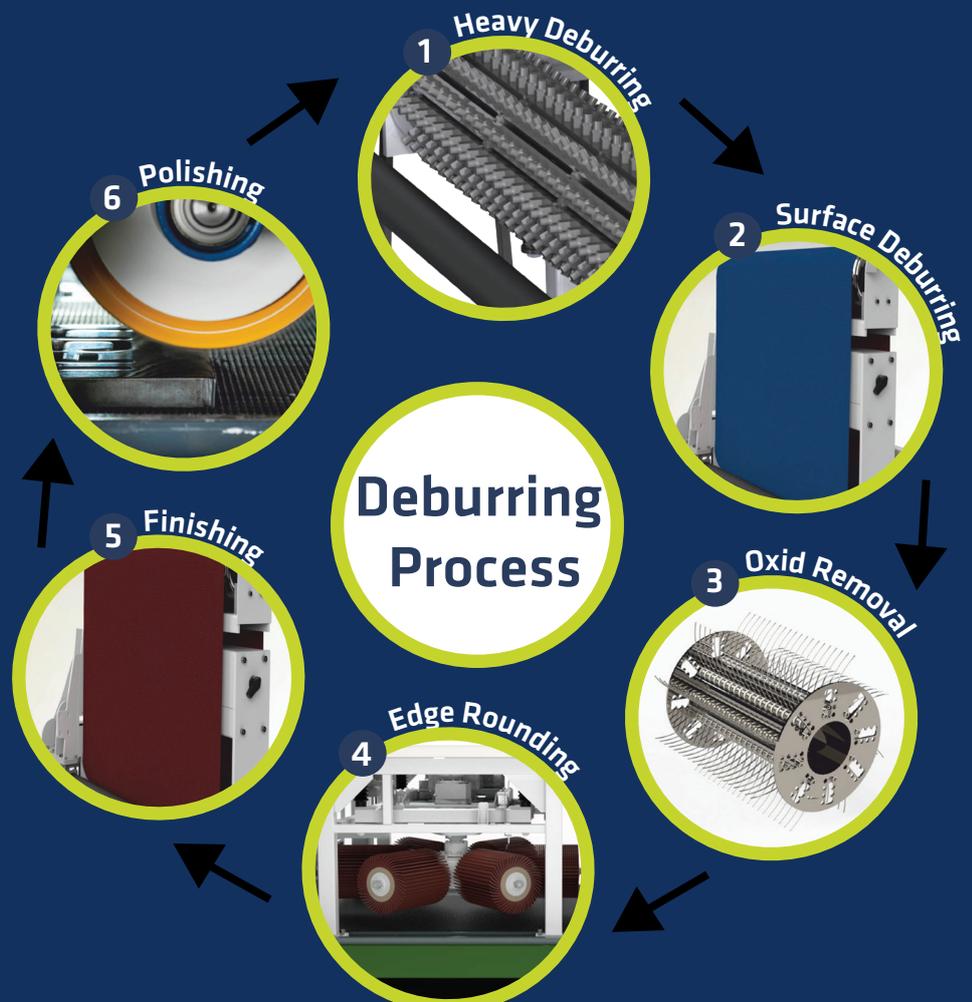
Applications

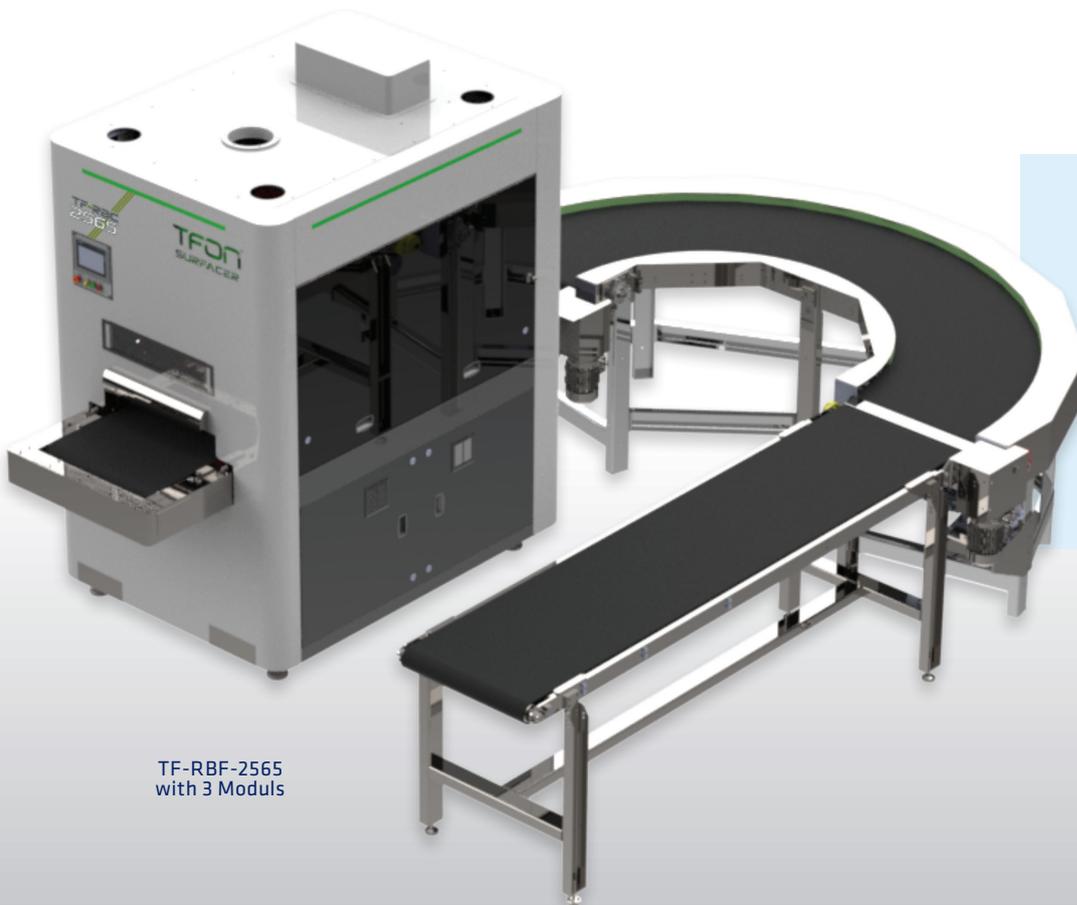
- ▶ Can be used for steel, stainless-steel aluminum and all common ones materials
- ▶ Also, for small parts from 2 mm
- ▶ Equal processing of all inner and outer contours 360° from all directions
- ▶ For punching, laser, plasma or water jet cut parts

Modules

1. Modul - Heavy Slag Remove
2. Modul - Deburring
3. Modul - Oxid Removal
4. Modul - Edge Rounding
5. Modul - Finishing
6. Modul - Polishing

*The modules can be installed individually or in combination





TF-RBF-2565
with 3 Moduls

Professional Advantages

- ▶ Different power spectrums through individual adaptive modular principle
- ▶ Remove high standing burrs and spatter
- ▶ Automatic workpiece guidance.
- ▶ Different material thicknesses can be edited

Features

- ⌚ Electropneumatic vibration control
- ⌚ Automatic laser measurement of the workpiece thickness
- ⌚ Pure Magnetic - Magnetic and vacuum - and pure vacuum fastening systems
- ⌚ The machine operator follows instinctively the user interface
- ⌚ The feed takes place via a conveyor belt

Modules

- ⌚ Heavy Deburring: removal of heavy slag
- ⌚ Surface Deburring: removing burrs on the material surface.
- ⌚ Oxid Removal
- ⌚ Edge Rounding: radius up to 2 mm
- ⌚ Finishing: refinement of the surface
- ⌚ Polishing: for a smooth and shiny surface

Options

- ⌚ Roller conveyor
- ⌚ Extraction system

Technical data

	TF Surfacer
Energy	400 V, 50/60 Hz
Material thickness	0-120 mm
Max. width of material	650/1000/1300 mm
min. dimensions of the components	50 x 50 mm
Conveyor speed	0,5-0,8 m/min
item No..	on request

