

TFON Lite Surfacer® TF-M1 LITE H2

Manual Deburring & Edge Rounding Machines

Constantly changing part variants make it hard to set up a through-feed line for every job. The TFON Lite Surfacer® TF-M1 LITE H2 is a manual deburring and edge rounding machine for this kind of work. It processes parts from 3 to 200 mm thick and up to 800 mm wide, held by a vacuum holding system, with a minimum part size of 80 × 80 mm. It suits prototypes, post-weld rework and pre-assembly corrections; where repeatability is a written acceptance criterion, an automatic configuration is required.

Which job does this machine solve?

- Deburring and edge rounding for prototypes, mixed batches and rework, without setting up an automatic line.
- 3 to 200 mm thickness range: parts from thin sheet to heavy plate on the same machine.
- Part widths up to 800 mm with vacuum holding; minimum part size 80 × 80 mm.
- By changing discs, the machine handles heavy deburring, deburring, oxide removal, edge rounding and satin finishing.
- Honest positioning: the result depends on the operator. If repeatability is a written acceptance criterion, an automatic TFON Surfacer® configuration is required.



Technical Specifications

Minimum Material Size (mm)	80 x 80
Maximum Material Length (mm)	1500
Material Thickness Range (mm)	3 - 200
Maximum Material Width (mm)	800
Table Width (mm)	800
Table Length (mm)	1300
Machine Power Consumption (kW)	5.5kW
Part Holding System	Vacuum
Number of Heads	2

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