



DFR 600 Flat Bed De-burring Machine

The DFR 600 is a multi-tasking machine for cleaning sheet metal after various cutting processes and, thanks to the use of two “Z” type machining units, it is characterised by very high versatility and processing efficiency. The deburring machine can perform two operations simultaneously, so it is possible to use it not only to remove scale after plasma cutting. It also enables deburring or rounding the edges of details after laser cutting in one pass of the workpiece. The range of processing thicknesses and widths up to 600 mm allows the processing of small and medium-sized details. When using appropriate tools, the machine is also suitable for heavy edge rounding and oxide removal.

TECHNICAL SPECIFICATIONS

MODEL	DFR 600	
Max. Processing Width	mm	600
Table Length	mm	1300
Thickness Range	mm	0.5 - 50
Wheel Diameter	mm	150
Feed Speed	m/min	0.5-2
Deburring Wheels		4
Length	mm	1500
Width	mm	1100
Height	mm	1700
Weight	kg	1500



Machine Features

- Descale, Deburr, Rounding, Oxide Removal and Polishing
- TFT Operator Panel
- Two pairs of oscillating wheels
- Variable speed conveyor
- Full enclosure with electrically interlocked doors

Optional Features

- Abrasive de-burring and rounding wheels
- Beating and descaling wheels
- Flap discs for strong edge rounding
- Oxide removal discs
- Magnetic plate in the table
- Magnetic table (300mm Wide)



**Scale
Removal
Disc**



**Deburring /
Rounding
Disc**



**Heavy Duty
Rounding
Disc**



**Oxide
Removal
Disc**



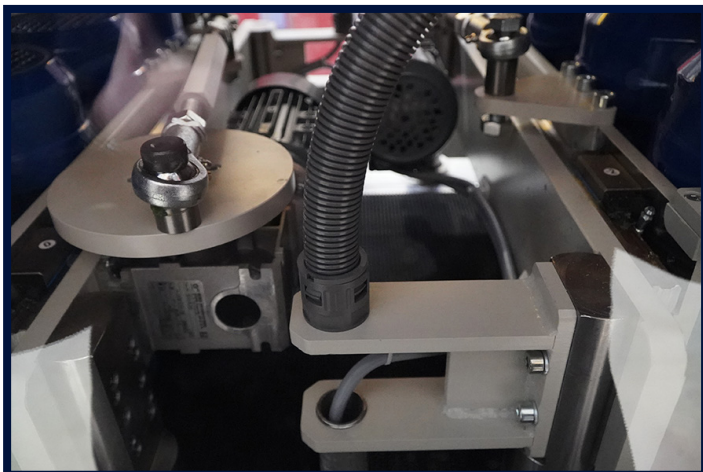
**Polishing
(Stainless Steel)
Disc**



TFT CONTROL



DEBURRING AND ROUNDING DISCS



HEAVY DUTY MOTORS



600MM CONVEYOR BELT



4 DISCS ON BOTH SIDES



UP / DOWN HEIGHT ADJUSTMENT