

CrossMaster DD

Compact Deburring and Edge Rounding Machine
for small sheet metal parts



- for laser-cut, plasma-cut and punched sheet metal
- for foiled, zinc-plated and 3D-parts
- for steel, stainless steel, aluminium...



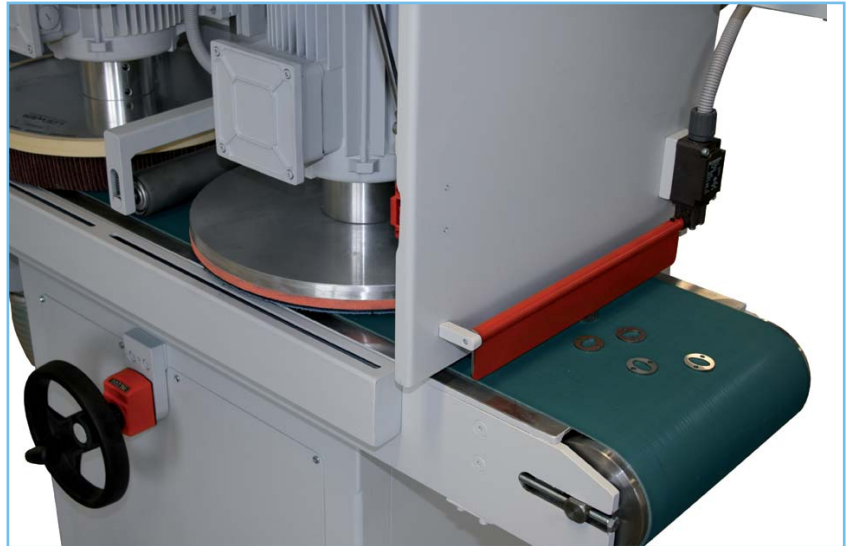
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Through-feed deburring and edge rounding of small parts

The CrossMaster DD is equipped with two disc units, one for deburring and one for edge rounding. The workpieces are placed on a high-friction feed belt. The disc tools are parallel to the workpiece and push the workpiece against the feed belt during operation. As a result, it is possible on a disc-only machine to process even very small workpieces starting from 20 x 20mm. The CrossMaster DD is available in working widths of 150mm or 300mm.

Advantages:

- Deburring and edge rounding in one pass
- Removal of higher burrs and spatters
- Uniform wearing of tools irrespective of size of workpiece or where it is placed on the feed belt
- Quick change of tools and easy setting when processing steel/stainless steel
- Processes very small parts from 20mm diameter
- Great variety of abrasive tools for different applications
- Low investment and operating costs



Range of Tools:



The **Soft-Disc** for deburring uses abrasives with velcro backing. The soft pad ensures an aggressive grinding on the edges of the workpiece without applying too much pressure on the surface. The Soft-Disc will remove raised burrs and spatters.



The **Medium-Disc** with abrasive cloth and nylon abrasive backing is used for rounding edges. The Medium-Disc gives a nice rounding of all inside and outside edges. The even more flexible Smart-Flex disc (without picture) is available for processing foil-laminated parts, zinc-plated parts or 3D-parts with stamped or drawn forms.

Technical Data:

- 2 disc units from top, for disc diameter
- Max. working width (width of feed belt)
- Disc drive, each disc
- Height adjustment by handwheel with digital counter
- Separate height adjustment of each disc to compensate for tool wear
- Variable feed speed using frequency inverter
- Brush strip below feed belt for removing loose dust
- Spring-loaded hold down rollers for longer workpieces
- Dust extraction connection outlet, diameter
- 400V, 50Hz, 3P, CE-certification

Crossmaster DD-150

250mm
150mm
0,75kW, 750 UPM
0 - 100mm
standard
1 - 6m/min
standard
3 pieces
1 x 150mm

CrossMaster DD-300

400mm
300mm
1,5kW, 750 UPM
0 - 100mm
standard
1 - 6m/min
standard
3 pieces
1 x 150mm

Optional Extras:

- Variable rpm of discs using two frequency inverters, each disc can be set separately
- Rotating cleaning brush under feed belt for dust removal
- Motorized height adjustment with push buttons up/down

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