

Top and bottom deburring and edge rounding machine



Double sided deburring and edge rounding in one pass

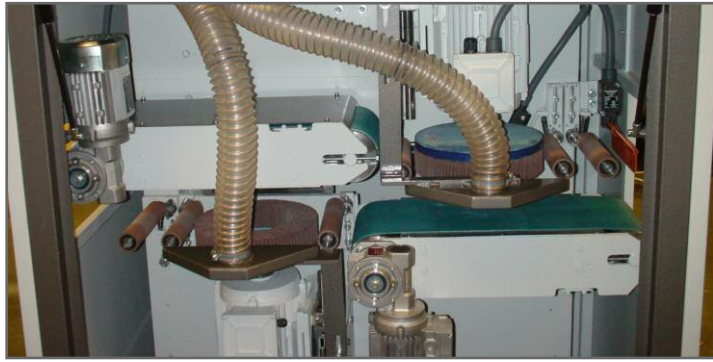
The CrossMaster Dx2 is equipped with one disc tool on the top and one on the bottom. The CrossMaster DDx2 works with two discs on each side. Depending on the application it can be used with deburring and/or edge rounding discs.

- Top and bottom deburring and/or edge rounding in one pass
- Uniform wearing of abrasive tools irrespective of the size of the workpiece or where it is placed on the conveyor belt.
- When processing mixed materials (i.e. steel/ stainless-steel) the tools must be changed. The discs on the CrossMaster can be changed within minutes.
- A large variety of disc tools are available on the market. This keeps tooling costs down and increases the versatility of the machine.
- Low investment, low tooling costs and low operating costs ensure a speedy return on investment.

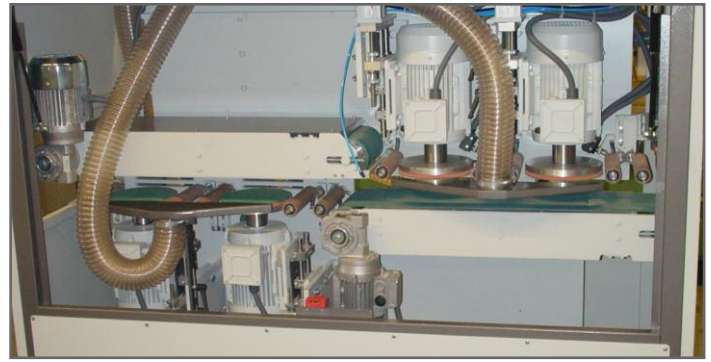
FOR LASER-CUT, PLASMA-CUT AND PUNCHED SHEET METAL
FOR FOILED, ZINC-PLATED AND 3D PARTS
FOR STEEL, STAINLESS STEEL, ALUMINIUM

LOEWER

CrossMaster Dx2 / DDx2



CrossMaster Dx2, one disc from top, one disc from bottom

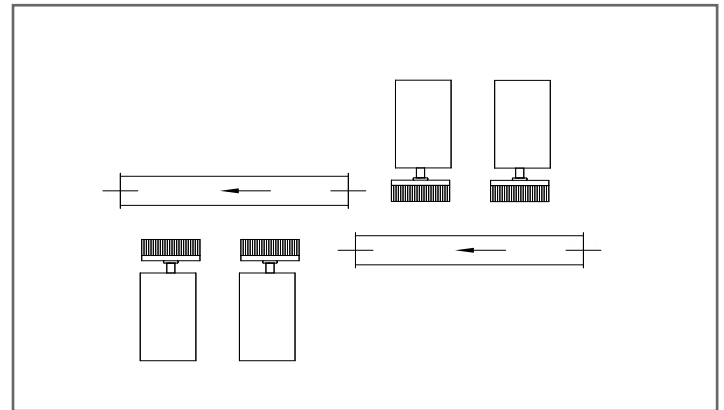


CrossMaster DDx2, two discs from top, two discs from bottom

How the machine works:

The workpiece passes through the machine on a conveyor belt and is deburred from the top. Subsequently the workpiece is pushed against the top conveyor belt by pinch rollers and is deburred from the bottom.

The rotating discs with 250mm diameter process the entire workpiece width of max. 200mm. All inside and outside contours are processed from two different directions.



CrossMaster DDx2



The SoftDisc is used for deburring - this is a standard nylon abrasive disc with velcro backing on a soft pad. The soft backing ensures an aggressive grinding at the edges of the workpiece without applying too much pressure on the surface. The Soft-Disc will remove stronger burrs.



The MediumDisc with abrasive cloth and nylon abrasive backing is used for rounding the edges. This disc will give a nice rounding of all inside and outside edges. Another great tool for rounding the edges of small parts is the soft-disc with a fine nylon abrasive disc.

Technical Data Crossmaster Dx2 (Crossmaster DDx2)

- 1 disc tool top, 1 on bottom (2 top, 2 bottom)
- disc diameter 250mm, 0,75kW, 750 rpm separate height adjustment for compensation of tool wearing
- max. width of workpiece 200mm
- workpiece thickness 1 - 150mm
- shortest length of workpiece 365mm
- two conveyor belts, variable feed speed 1-6m/min and spring loaded pinch rollers
- motorized height adjustment with digital display
- dust extraction outlet diameter 1 x 150mm (1x180mm)
- 400V, 50Hz, 3P
- Length 1160mm (1900mm), width 860mm (860mm), weight 600kg (850kg)

Optional Extras:

- Infinitely variable rpm of discs 200-1400UPM