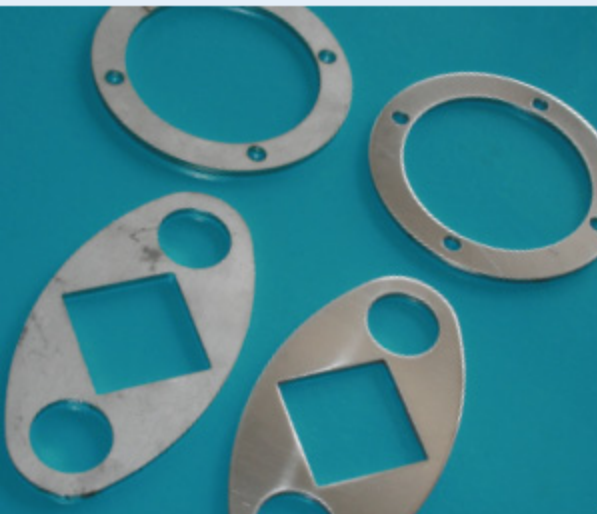


# Innovative deburring and grinding machines



deburring

edge rounding

finish grinding



**LOEWER**

# Deburring and edge rounding of sheet metal

Finding a suitable solution for deburring and rounding laser cut or punched sheet metal depends on several factors such as the cutting quality, sheet material, the dimensions of the part, the number of pieces and the edge quality required.

Our basic model, SwingGrinder, achieves very good results at a low price. For more specific requirements we offer innovative one- and two-sided, through-feed machines for dry or wet operation in one pass.



## SwingGrinder – straightforward, fast, good value for money

Features a deburring and rounding unit suitable for small to medium production runs

- 3 to 4 times faster than manual deburring
- easy to use with a swinging arm and weight compensation
- extraction table with high friction cover
- rotatable head with deburring and rounding tools

## DiscMaster 4TD

### Versatile through-feed machine

Dry operation machine for deburring and rounding in widths of 1000mm and 1500mm

- four disc units oscillate across the entire workpiece width
  - even wearing down of tools
- 360° processing of parts from all angles and directions
- speedy changing of tools when mixing materials

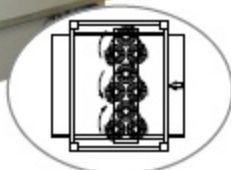


## DiscMaster P

### Large through-put for aluminium and stainless steel

Dry operation machine for deburring and rounding in a working width of 1350mm

- planetary head featuring rotating discs with additional head rotation and oscillation
- 360° processing of parts from all angles and directions
- diffuse, non-directional finish



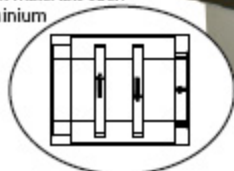
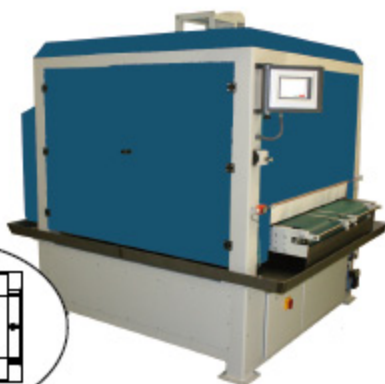
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## CrossGrinder

### Flexibility through wet operation

Wet operation machine with innovative cross belt technology for deburring and rounding of punched and laser cut parts in a working width of 1350mm

- two counter-rotating cross belts
- even wearing down of tools
- ideal when mixing different materials such as steel, stainless steel, aluminium

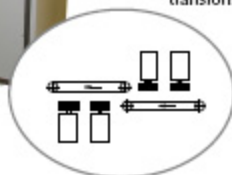


## CrossMaster

### The solution for top and bottom processing

Simultaneous processing from the top and bottom in a working width of 200mm

- one, two or three discs from the top and bottom
- ideal for deburring or rounding of narrow parts such as copper busbars in transformer stations



## SmartGrinder FST

### For small parts in large lots

Deburring machine in a working width of 300mm with planetary brush heads

- one, two or three planetary heads in a row
- 360° processing with even wearing down of tools
- wet or dry operation possible
- also available with a preceding grinding belt unit



# LOEWER

# Grinding flat materials and square tubes

The SmartGrinder belt grinding machines are available for dry and wet operation and are straightforward, sturdy and easy to use.



## SmartGrinder SG The wet grinding machine

- one to four grinding units
- abrasive belt widths of 150mm or 300mm
- optional floating head device for grinding square tubes without warping
- ideal for stainless steel or when preparing for chromium plating



## SmartGrinder STN The dry grinding machine

- one to three units in a row
- abrasive belt width of 300mm
- units available with abrasive belt, abrasive roller, brush roller or steel brush

## The LOEWER Grinding Center

In our grinding center you can try out your own parts on various machines and experiment with different configurations to find the machine that's best for you.

We look forward to welcoming you to Homberg.