

OMNI-GRIND FEATURES



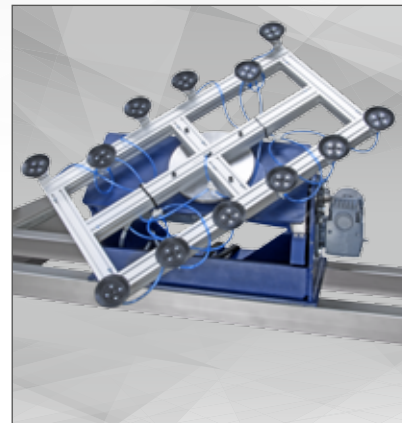
6-Axis-Shortarm-Robot
for automated Grinding and
Handling of rounded Parts



Programmable Roller Track
for automated load of parts
In / out of the Grinding Machine

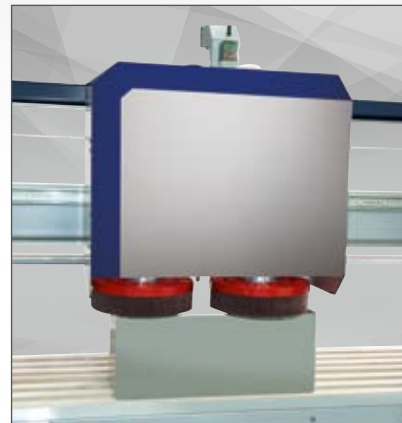
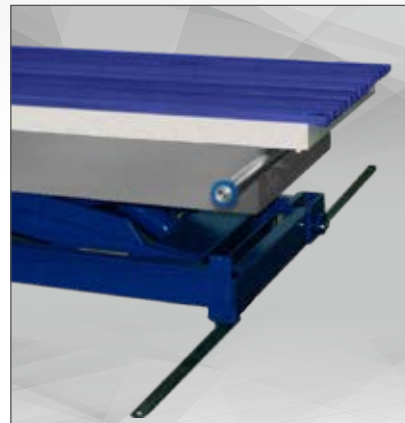


Programmable Conveyerbelts
for automated continuous operation
In / out of the Grinding Machine



Flexible Clamping Devices for different weight of your

- Handling Device < 80 kg
- Table for 200 up to 500 kg
- Swivelling Devices for 350 up to 700 kg
- Scissors-Lift-Table for 1500 up to 5000 kg



Deburring and Edge-Rounding
Automated Deburring and
Rounding of the edges of
lasercut parts.



Polishing Head
for Finishing the surface of flat
or cubical parts made of Stain-
less Steel



Modular Control System based on the Software Twin-CAT from Beckhoff
allows the manual, semi- or total-automatically handling of the ma-
chine. An Upgrade is always possible.



PEITZMEIER

Machines and Systems for standard Operations
and process orientated Solutions.



Design, Production and Service –
everything from one source. After sales
service and spare parts supply world-
wide at the hands of our experienced
service engineers.

Trials on our Grinding Machine
in our factory with your parts
will convince you.



MADE IN GERMANY

PEITZMEIER
Maschinenbau + Automation

Peitzmeier Maschinenbau GmbH
Kapellenweg 44 ■ D-33415 Verl
Tel. +49 (0) 5246 9362084 ■ Fax +49 5246 9362086
u.peitzmeier@peitzmeier-maschinenbau.de

PEITZMEIER
Maschinenbau + Automation

OMNI-GRIND

The Modular System to machine the surfaces of Stainless Steel,
Steel, Aluminum and non ferrous metal

GRINDING · POLISHING · DEBURRING
EDGE ROUNDING · BEVELING + HANDLING

OMNI-GRIND TWIN



- Table width of 2, 3, 4 and 5 m
- Table depth of 1 and 2 m
- Height adjustment from 0,7 to 1,2 m
- Operation manual and automatically
- Parts handling: Table, Manipulator or Swivelling Device
- Explosion proof for processing Aluminum
- Robot for processing, load and unload Parts



OMNI-GRIND DURA



OMNI-GRIND DURA the High-Performance Long-Belt-Grinding-Machine for the efficient grinding of large and also heavy metal plates. By two powerful 15 kW twin-belt grinding units on the front and rear for 160 mm wide Grinding-Belts, fast parallel processing of large surfaces is possible.

By the variable height adjustment of the grinding units, different material thicknesses as well as profiles can be grinded and polished. Strong Table Construction and In-Ground Rail allows highly accurate grinding of heavy workpieces.

Additional processing modules such as polishing heads, beveling modules and contact rollers for local grinding of rolling, defect complete the functional range.

- Table width of 3 to 12 m
- Table depth of 3 to 15 m
- Height adjustment from 0,5 to 1,5 m
- Parts weight up to 40 t
- Pneumatic clamping/Vacuum
- Explosion proof for processing Aluminum
- BECKHOFF- Controller for the fully automatic processing

OMNI-GRIND PORTAL



- Table width of 2, 4 and 5 m
- Table depth of 1 and 2 m
- Height adjustment from 1,5 to 2,5 m
- Operation manual and automatically
- Parts handling: Table, Swivelling Device or Scissors-Lift-Table
- Explosion proof for processing Aluminum
- Robot for processing, load and unload Parts

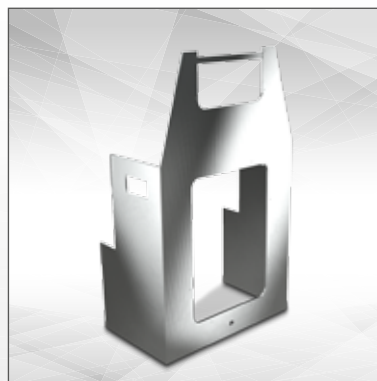
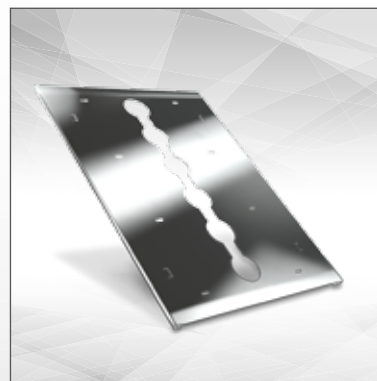


OMNI-GRIND SYSTEM

OMNI-GRIND is the Modular System for the surfaceing of your parts.

- Manual tool and table for flexible processing different parts
- Fully automatic tool and table movement for the programmable processing of high and medium batches
- Additional Modules for Polishing, Deburring, Beveling an Edge Rounding of 3D-Parts

Bearbeitungsbeispiele:



GRINDING · POLISHING · DEBURRING · EDGE ROUNDING · BEVELING + HANDLING