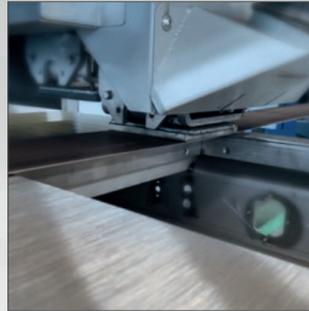


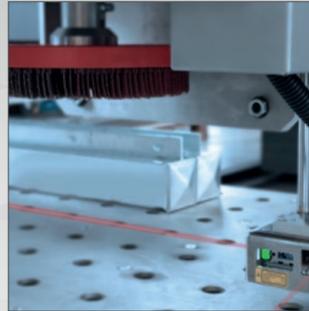
OMNI-GRIND FEATURES



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



Workshop programming
by CAD/CAM-Interface



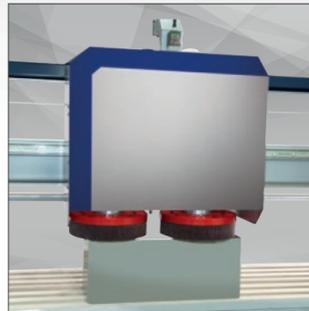
Automatic programm creation
by workpiece measuring with
laser sensors



Polishing Head for Finishing
the surface of flat or cubical
parts made of Stainless Steel or
Aluminum



Triple Brush-Planetary Head
for Deburring and Rounding



Deburring and Edge-Rounding
Automated Deburring and
Rounding of the edges of
laser-cut parts



Handling of large and heavy
workpieces by 3D-manipulator



Turning device
for Processing rotationally
symmetrical workpieces



Machine control system
by the Beckhoff touch panel
with the operating system TC3

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 worldwide at the hands of our experienced service engineers.

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



PORTAL



TURN



TWIN



DURA



MADE IN GERMANY

PEITZMEIER
Maschinenbau + Automation

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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
- Workpiece handling: Table, Manipulator or Swivelling Device
- Explosion proof for Processing Aluminum
- Robot for Processing, load and unload workpieces

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.

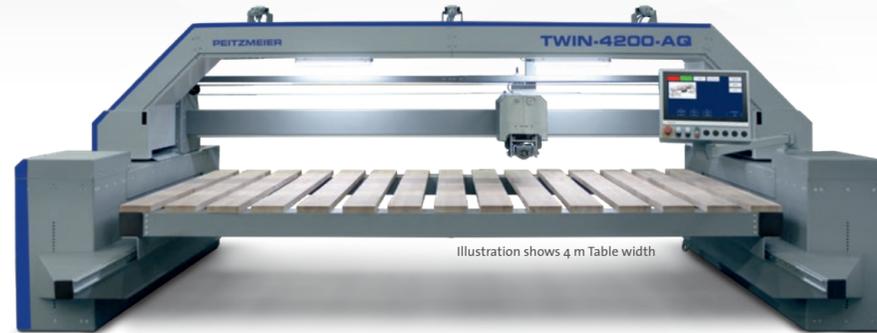
Additional Processing modules such as polishing heads, beveling modules and contact rollers for local grinding of rolling, defect complete the functional range.

- Table width of 3 to 12 m
- Table depth of 3 to 15 m
- Height adjustment from 0,5 to 1,5 m
- Workpieces 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
- Workpiece handling: Table, Swivelling Device or Scissors-Lift-Table
- Explosion proof for Processing Aluminum
- Robot for Processing, load and unload workpiece

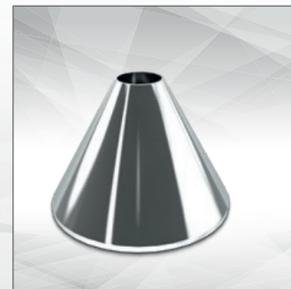


OMNI-GRIND MODUL-SYSTEM

OMNI-GRIND is the Modular System for the surfacing of your workpieces :

- Manual tool and table for flexible Processing different workpieces
- Fully automatic tool and table movement for the programmable Processing of high and medium batches
- Robot guided workpiece movement for Processing and handling of large batches
- High-performance grinding units for Processing of large surfaces
- Additional Modules for Polishing, Deburring, Beveling an Edge Rounding of 3D-Workpieces

Processing examples:



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