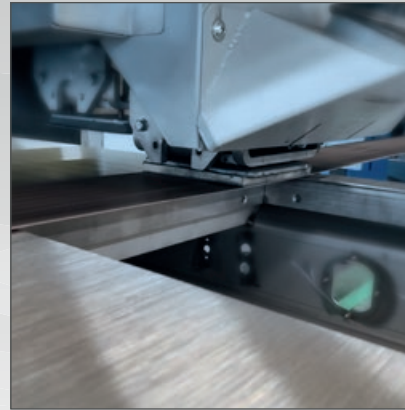


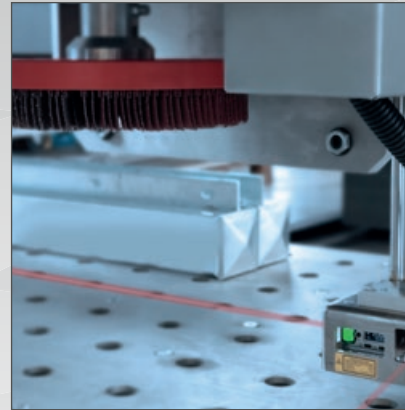
## OMNI-GRIND FEATURES



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



Workshop programming  
by CAD/CAM-Interface



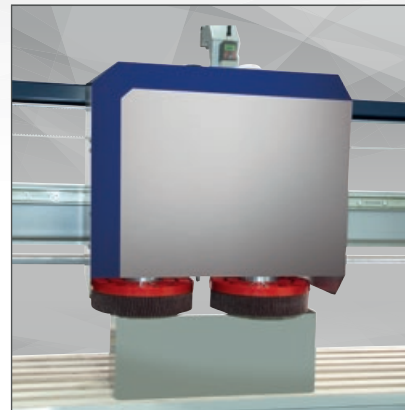
Automatic programm creation  
by workpiece measuring with  
laser sensors



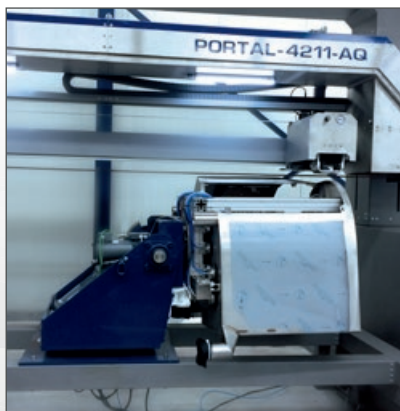
Polishing Head for Finishing  
the surface of flat or cubical  
parts made of Stainless Steel or  
Aluminum



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

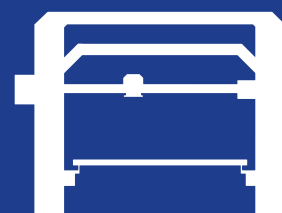
Machines and Systems for standard Operations  
and process orientated Solutions

- 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.



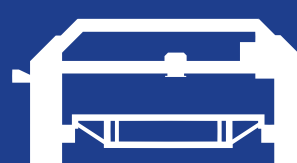
PORTAL



TURN



TWIN



DURA



MADE IN GERMANY

**PEITZMEIER**  
Maschinenbau + Automation

Peitzmeier Maschinenbau GmbH  
Siewekeweg 8 ■ D-33758 Schloß Holte-Stukenbrock  
Tel. +49 (0) 5207 88980-20 ■ Fax +49 (0) 5207 88980-19  
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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

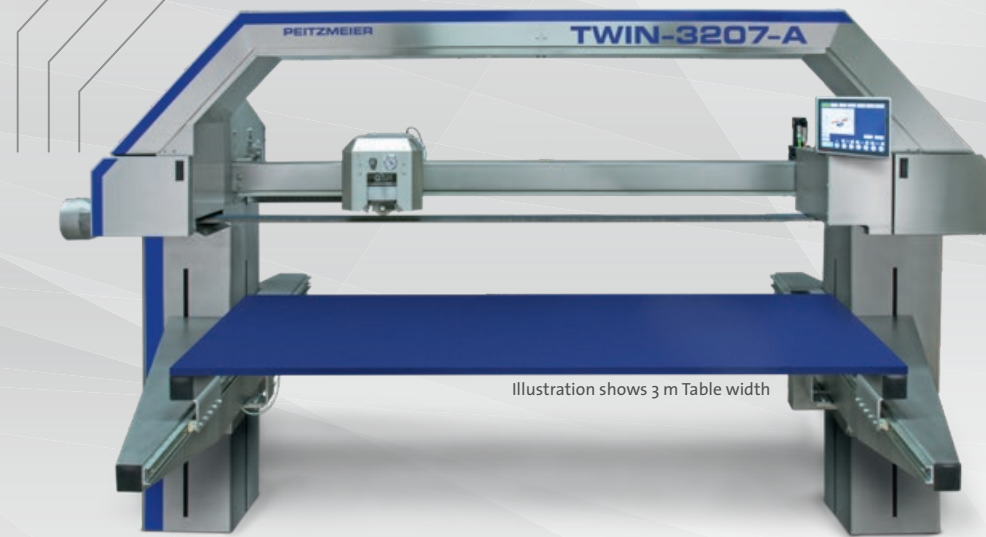


Illustration shows 3 m Table width

- 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



Illustration shows 4 m Table width

## OMNI-GRIND DURA

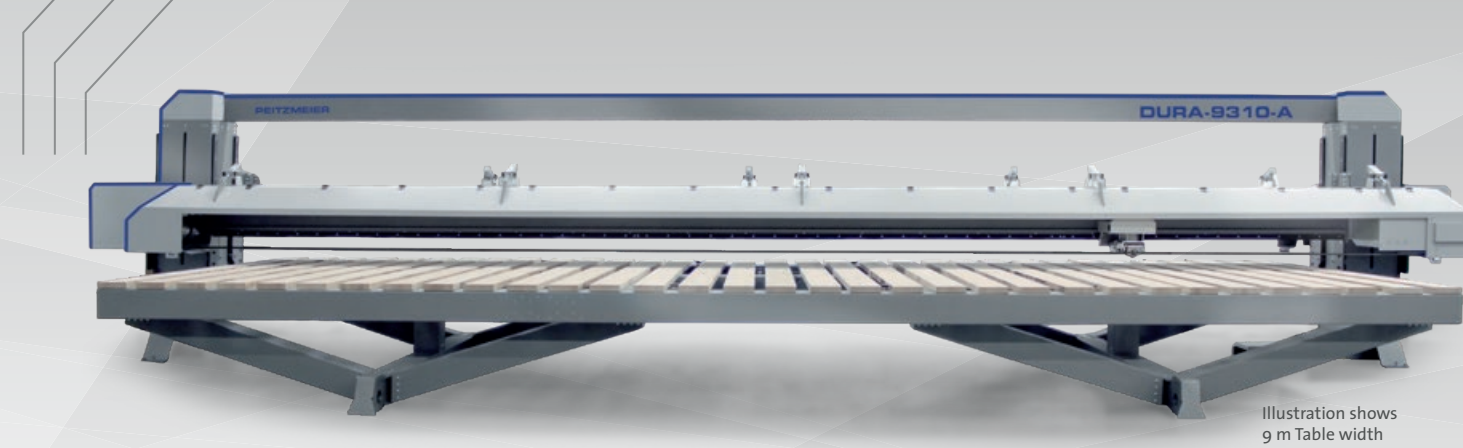


Illustration shows 9 m Table width

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



Illustration shows 3 m Table width

- 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



Illustration shows 4 m Table width

## OMNI-GRIND MODUL-SYSTEM

OMNI-GRIND is the Modular System for the surfaceing 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