



PEITZMEIER

Maschinenbau + Automation



DeburringEXPO 2019

10. Oktober 2019

Innovativer Maschinenbau

MADE IN GERMANY

AGENDA

- Peitzmeier Maschinenbau GmbH
- The OMNI GRIND System
- Type of machines
- Additional modules
- Examples
- Video

PEITZMEIER MASCHINENBAU GMBH

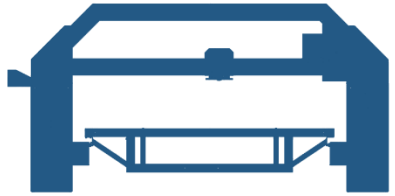
- CEO: Ulrich Peitzmeier
- Foundation: 2014
- Sales: annual sales of € 1.2 millions
- More than 30 machines and lines
- Product: long belt grinding machines with modular system
 - Development, construction, production, service
- 2016: Innovation award on the Euroblech fair



OMNI GRIND SYSTEM

- Modular system for surface processing of workpieces
- Tool and table movement
 - Manual
 - Motoric
 - Automatic
- Additional modules
 - Polishing
 - Deburring
 - Chamfering
 - Angle grinding

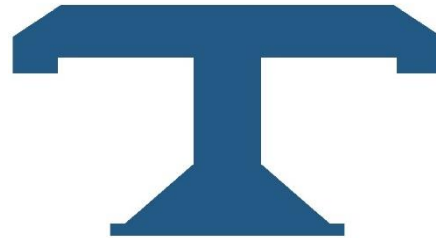
OMNI-GRIND MASCHINENTYPEN



TWIN



PORTAL



TOWER



DURA

TWIN



- Processing of medium-sized workpieces
- Table width of 2, 3, 4 and 5 m
- Manual to fully automatic processing
- Optional: robots and conveyors

automatic



manual



PORTAL



- Processing of big-sized workpieces
- Table width of 3, 4 and 5 m
- Manual to fully automatic processing
- Workpiece holder: table, tilt and turn unit or scissors lift table
- Optional: robots and conveyors



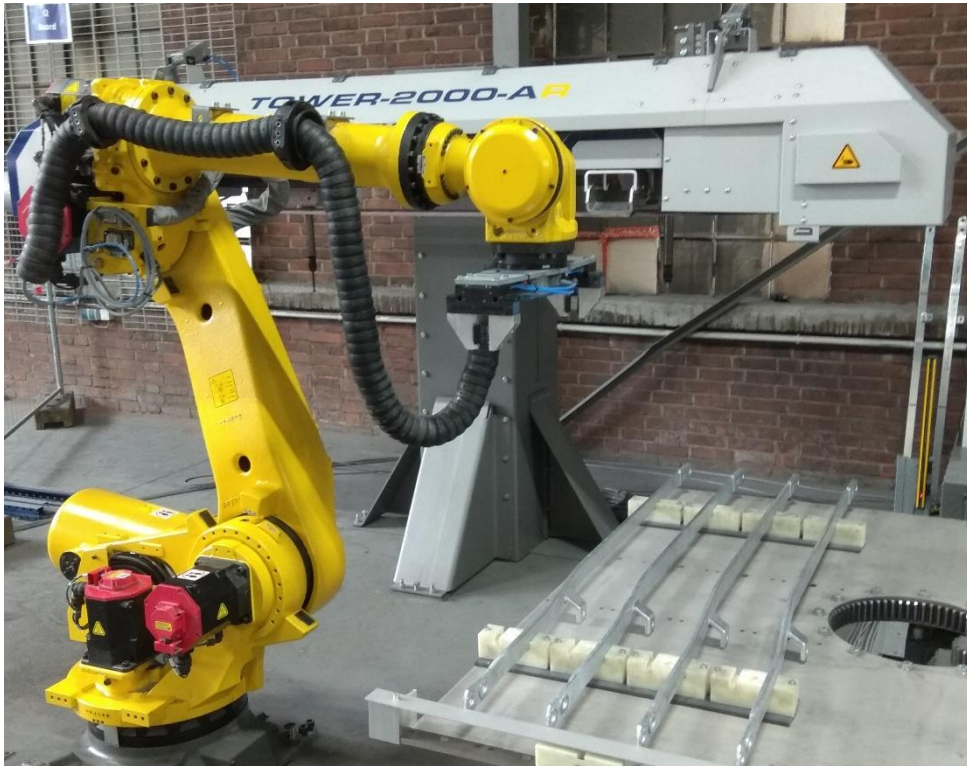
PORTAL AQ



- Processing of big-sized workpieces
- Table width of 3, 4 and 5 m
- Fully automatic processing
- Workpiece holder: table, tilt and turn unit or scissors lift table
- Optional: robots and conveyors



TOWER



- Processing of medium-sized workpieces
- Grinding width of 2 m
- Fully automatic processing
- Robots



DURA



- Processing everything from flat workpieces until heavy metal plates of more than 40 t
- Table width of 3 to 12 m
- Table depth until 15 m
- Fully automatic, high performance long belt grinding machines
- 15 kW two-band sanding units
- Optional: workpiece clamping through vacuum



ADDITIONAL MODULES HANDLING



- 6-Axis short-arm robot

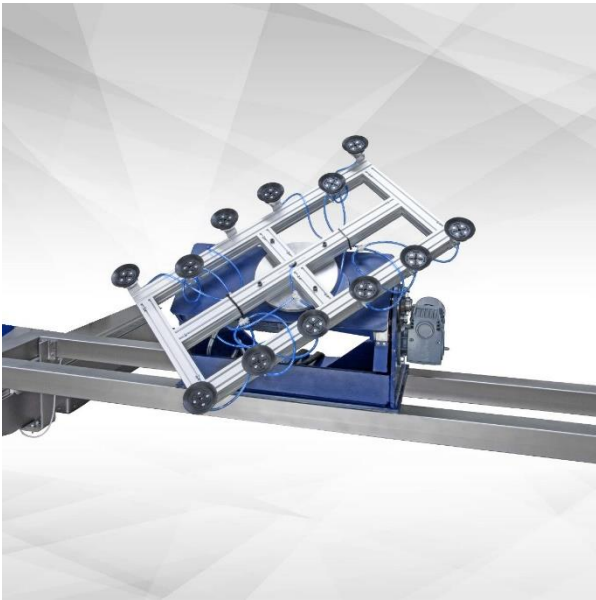


- Program controlled roller conveyor

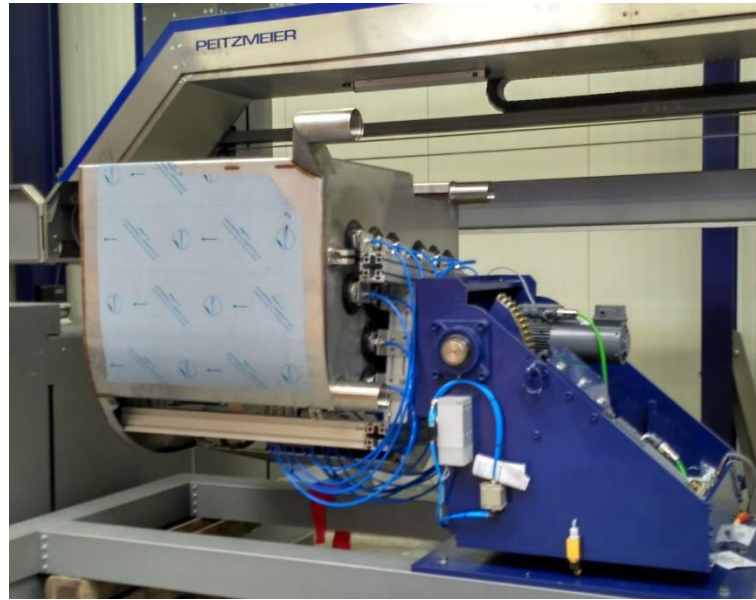


- Program controlled conveyor

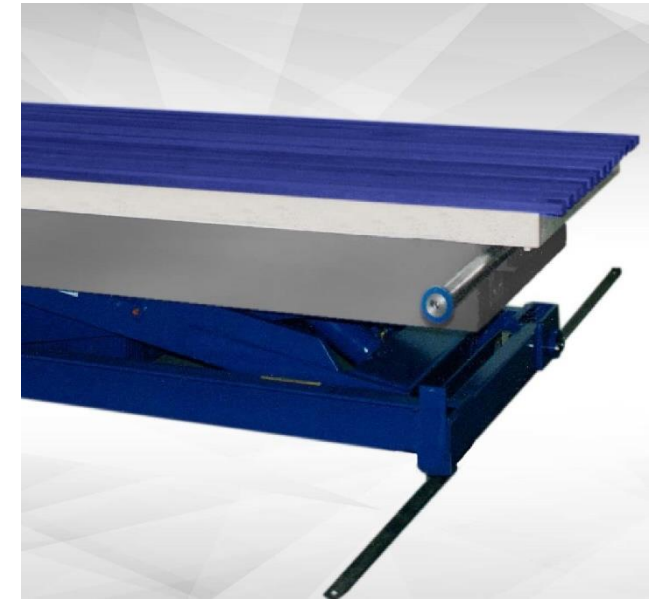
ADDITIONAL MODULES HANDLING



- Handling system



- Turn und tilt units (350 to 700kg)

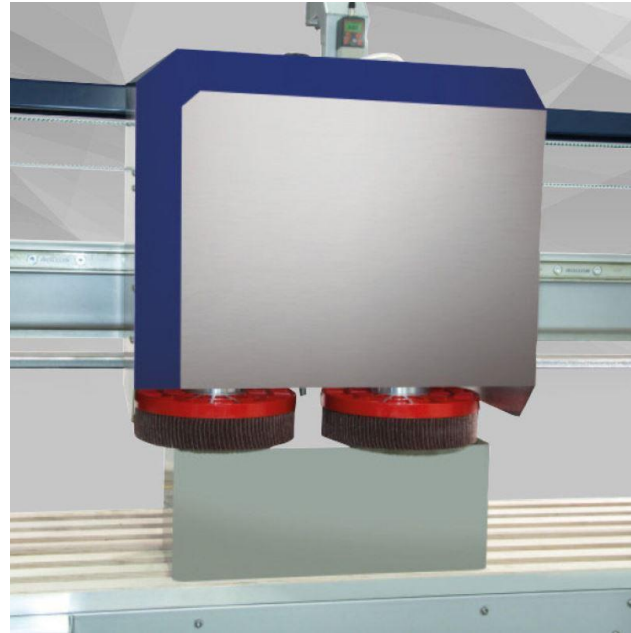


- Scissors lift tables

ADDITIONAL MODULES PROCESSING



■ Polishing head

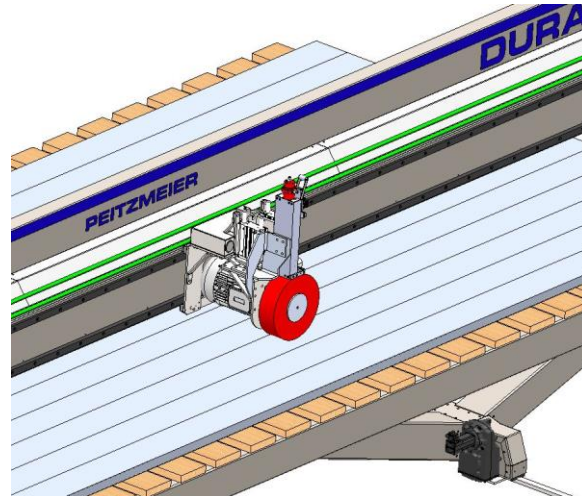
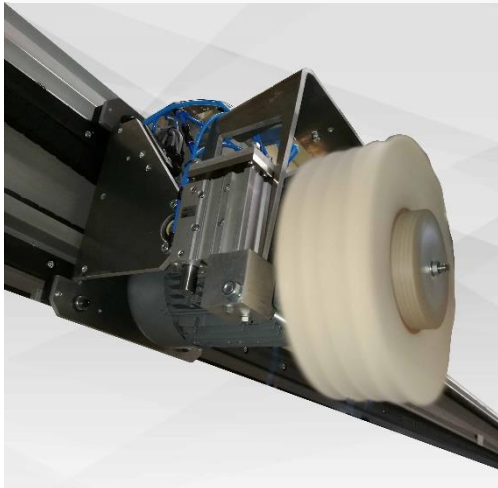
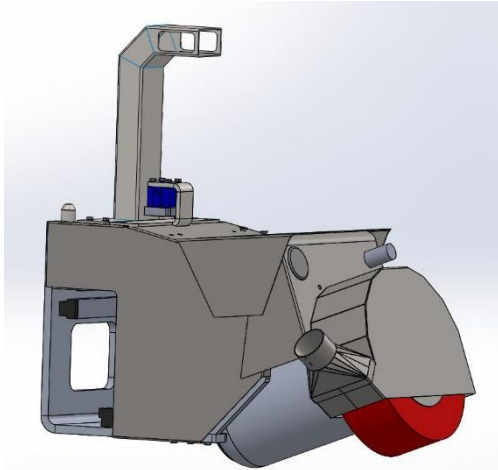


■ Deburring modul

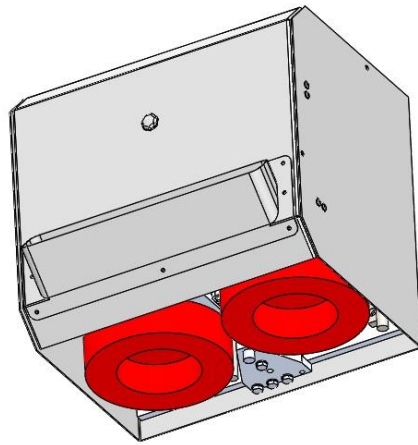


■ Angle grinding module

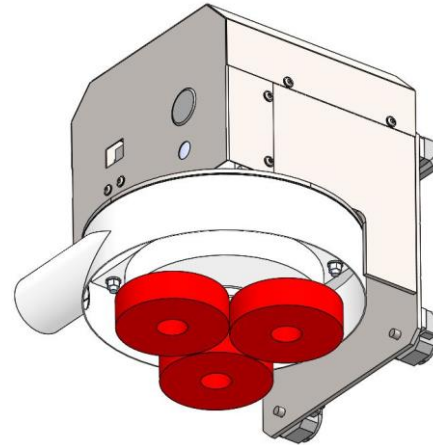
POLISHING



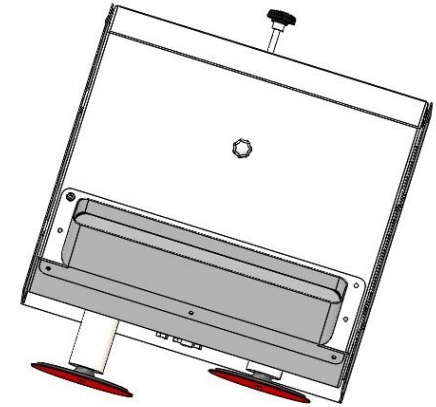
BRUSHING



DEBURRING



ANGLE GRINDING



EXAMPLES

