



# Portal Type Plate Milling Machine **GEORG ultramill**

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For High Precision Aluminum Plate Production



mit uns **technisch überlegen**



## Your benefits

### More profit

- > High capacity chip removal systems
- > Superior surface finish and accuracy
- > Integrated fault diagnostic system GMS
- > Industry 4.0 ready

### Better quality

- > Highest long-term accuracy due to preloaded and backlash free guideway systems
- > Heavy duty machine design for highest dampening effects
- > Efficient protection for drives and guideways

### GEORG protectionworld

- > Support by our Life Cycle Quality Management



## Main technical data

### Table size max.

- > 3,000 × 25,000 mm

### Width between columns

- > max. 4,500 mm

### Pass height

- > max. 1,000 mm

### Feed rate

- > max. 60 m/min

### Surface roughness (R<sub>a</sub>)

- > 0.28 – 0.4 µm

### Milling cutter diameter

- > 1,500 – 3,200 mm

### Speed range

- > 0.1 – 750 min<sup>-1</sup>

### Cutting speed

- > max. 4,000 m/min

### Cutting depth

- > max. 15 mm

## Accessories

- > Workpiece tilting unit
- > Collision monitoring
- > Side milling carriages
- > Workpiece measuring
- > Workpiece clamping systems
- > Chip removal systems
- > Machine enclosure