



# PLATE MILLING MACHINE

ENDURA® 800

FOR PRECISION ALUMINIUM  
PLATE MANUFACTURE



FACE MILLING MACHINE



## PLATE MILLING MACHINE ENDURA® 800

### TECHNICAL DATA

#### Traverse paths

|         |                   |
|---------|-------------------|
| X-axis: | 3,000 - 20,000 mm |
| Y-axis: | fixed             |
| Z-axis: | ca. 400 mm        |

#### Feed rate

|         |                   |
|---------|-------------------|
| X-axis: | 5 - 60,000 mm/min |
|---------|-------------------|

#### Acceleration

up to 1.0 m/sec<sup>2</sup>

#### Setting accuracy

|                        |          |
|------------------------|----------|
| in Z (P <sub>a</sub> ) | 0.010 mm |
|------------------------|----------|

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

0.28 µm - 0.4 µm

#### Specifications with milling tools

|                  |    |                     |
|------------------|----|---------------------|
| Cutting width:   | ae | up to 3,000 mm      |
| Cutting depth:   | ap | 0.1 – 2.0 mm        |
| Cutter diameter: | D  | 1,800 mm - 3,100 mm |
| Pitch:           | fz | 0.5 mm              |
| Tooth pitch:     |    | 15° / 30°           |
| Speed:           | n  | max. 500 1/min      |
| Cutting speed:   | Vc | max. 4,000 m/min    |

### HIGHLIGHTS

- For extensive aluminium workpieces
- Ergonomic loading
- Surface quality < 0.4 µm
- Milling tools up to Ø 3,100 mm



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