



PLATE MILLING MACHINE

ENDURA® 800

FOR PRECISION ALUMINIUM
PLATE MANUFACTURE



FACE MILLING MACHINE

MILLING TOOLS
UP TO Ø 3,100 MM



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
Y-axis:	5,000 mm/min

Acceleration

up to 1.0 m/sec²

Setting accuracy

in Z (P_a) 0.010 mm

Surface roughness (R_a) 0.28 μ m - 0.4 μ m

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 μ m
- Milling tools up to Ø 3,100 mm



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