BEVEL

ULTRAMILL ROTO

DOUBLE SIDED BEVELLER

CAN BEVEL
HARD ALLOYS
HARDOX®

HIGH
PRODUCTIVITY

MOBILE
BEVELLER
SAVES
HANDLING
COST

MIRROR
FINISH

PERFECT
WELD-PREP
WITH NO
THERMAL
DISTORTION



Plate thickness
6–120 mm



Bevelling angle
0°–90°



Maximal bevel width
80 mm


Upper bevel


Bottom bevel


J-bevel


Facing


Clad removal





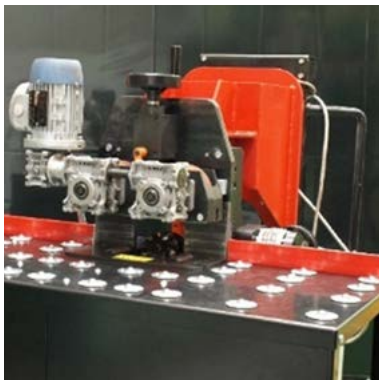
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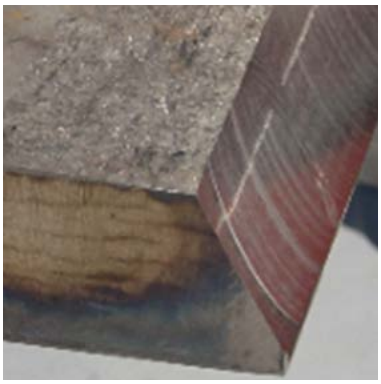
The most versatile plate beveller in the marketplace without compromising the quality of the finish.

By simply changing the milling head or its position you can make different types of bevels such as J-bevel and clad removal.

MAIN FEATURES

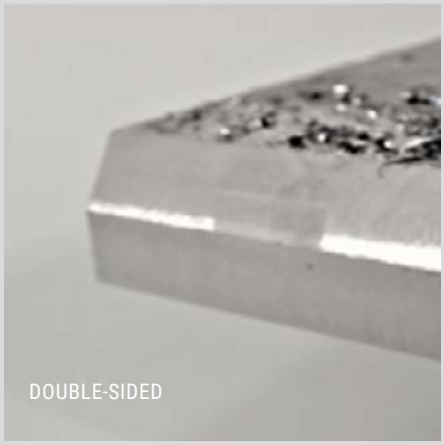
- Automatic traveling machine specially designed for chamfering before welding as well as for finishing jobs
- Upper and bottom bevelling – fast and easy changeover by a simple turn of the machine
- Suitable also for hard alloys such as Hardox, titanium, duplex, stainless steel, just as for aluminium and cast iron
- Maximum bevel width up to 80 mm* with mirror finish
- Continuous set up of angle -90° / +90° (both sides)
- Standard plate thickness up to 120 mm (extensions possible)
- Panel with adjustable cutting speed (300–1500 RPM) and feeding speed 0–1,5 m/min
- Height adjustment of the machine position
- Worktable extension for bevelling of smallpieces





**extensions of bevel width by possible adaptation*









BEVEL LIMITED
83 Ducie Street, Manchester, M1 2JQ
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TECHNICAL FEATURES

Maximal bevel width	80 mm
Clad removal width	0–80 mm
Bevelling angle	0°–90°
J bevelling angle	0°–30°
Plate thickness	6–120 mm (extension possible)
Plate facing max plate thickness	80 mm
Bevelling speed	0–1,5 m/min
Motor power	4 kW
Voltage	400 V, 50/60 Hz
Motor idle speed	300–1500 rpm
Machine weight	340 kg



We are open to modifying the machine to the customer's requirements.

SEND US a drawing and we will happily prepare for you a custom machine offer.

Possibility of individual modification of the machine at the customer's request (special fixtures, bended plates).
Our technical team is always ready for online training process, maintenance advice or any other assistance with the machine.

SOLD

HIRE ME

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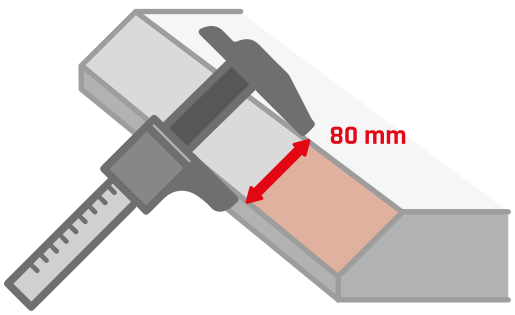
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ULTRAMILL ROTO is the **most versatile** machine from our range of MILL plate bevellers automatic traveling designed for chamfering before welding as well as finishing jobs, extremely powerful, with versatile usage such as creating a double-sided bevel X, K by **quick turn of 180° eliminating the need to turn a plate over** – that save time of the operators with moving of the plates and protect the operator again any accident. It can bevel plates of thicknesses up to 120 mm (with possible modification up to 150 mm). The maximum bevel width is 80 mm. It can perform clad removal, do bevelling at any angle as well as facing of plate (at 0 degrees) and J-bevel – nowadays very common as a preparation for orbital welding. Thanks to cold cutting avoiding oxide layer you can do welding directly after bevel is done.

Its unique bevelling system allows you to achieve a **mirror finish** with no physical effort by the operator, as the machine is moving along the plate at variable speeds by means of two propelling wheels. The machine is equipped with sensors which stop the machine when it reaches the end of the plate. It also has a roughness elimination system which helps in case of imperfection of plate thickness.

The motor gives you power of 4 kW and the milling tool rotation speed can be regulated between 300 to 1500 rpm; which comes in handy when bevelling extremely hard materials. The beveller's maximum bevelling speed is 1.5 m/min. It is equipped with a special air-spring which allows up and down floating.



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