



PIPE EQUIPMENT SPECIALISTS

PLATE BEVELLING MACHINES





PMM155

Portable Hand Plate Bevelling and Radiusing Machine for Straight and Shaped Plate



RANGE: thickness 1.5mm upwards / bevel angle from 22.5° to 60°
Max bevel width: 16mm / max radius: 5mm

- **Materials:** Any kind of steel, aluminium, brass or plastics
- **Power:** 110 or 220v or pneumatic

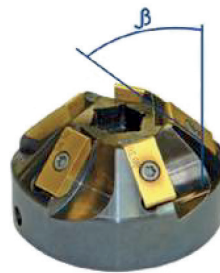
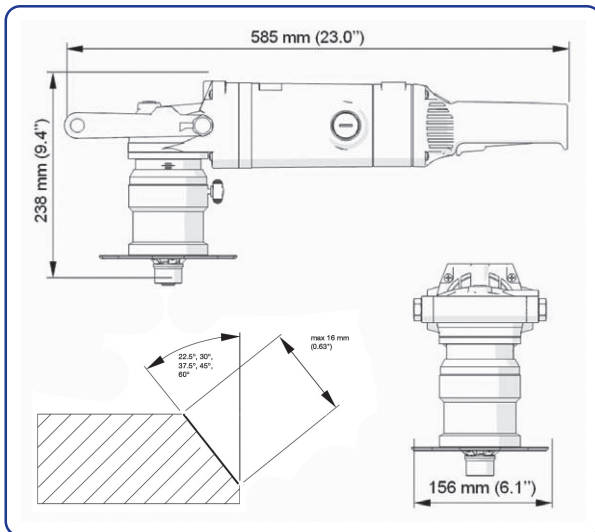
For the deburring of outer and inner outlines, bevelling, milling of radii and bore holes as from 40mm \varnothing .

Depending on the chosen milling head the machine enables bevelling materials with minimum thickness of 1.5 mm (0.06") at the angles of 22.5°, 30°, 37.5°, 45°, 55° or 60° and with maximum bevel width of 16 mm (0.63"). Each milling head uses 5 indexable cutting inserts.

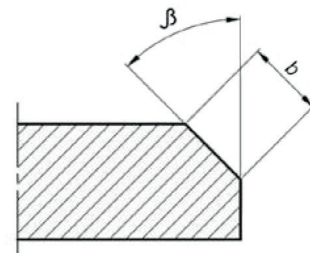
One milling head for bevelling radius enables bevelling edges with radius of 2, 3, 4 or 5mm with use of 4-sided indexable R2, R3, R4 or R5 cutting inserts.

Especially developed to produce clean visible edges and to prepare welds.

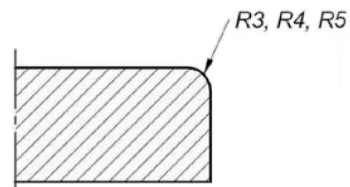
- Tool-less adjustment of bevel height
- Handy and powerful with overload protection
- Speed control for use on variety of materials
- For construction steels, stainless steels, aluminium and other materials



Bevel milling head



Radius milling head



Technical specification

Power Supply	230v / 110v 50 - 60 Hz
Motor	2200W
Motor speed	1800 - 5850rpm
Minimal diameter of countersinking	40mm
Bevelling with radius	R2, R3, R4, R5
Maximal bevel width	@ 45° (b) 16mm
Feed	0,5 - 10 m/min (manual)
Bevelling angles	22.5°, 30°, 37.5°, 45°, 50°, 55° and 60°
Plate thickness	Minimum 1.5mm
Dimensions	585 x 156 x 238mm
Weight	10kg / 22lbs



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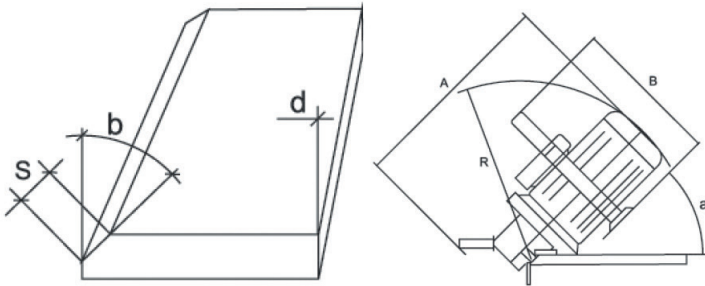


RANGE: thickness 6 to 60mm / bevel angle from 0° to 60°
Max bevel width 21mm

- **Materials:** Any kind of steel and aluminium
- **Power:** 110 or 220v

The PMM200 - is a new generation, easy to use, portable, heavy duty machine designed for beveling steel plates prior to welding. This beveling machine is fitted with a mono block milling head containing 10, offset inserts, allowing smooth operation and exceptional efficiency. One set of inserts can last for up to 2000 meters of bevelled steel edge and allows to work with an output around 1.5 meters/minute (depending on the amount of the metal being removed).

The PMM200 incorporates many safety features. It has a state of the art electronic control module protecting the operator, machine and tools. It is equipped with guide rolls, which make it easy and light to operate.



A mm (")	B mm (")	R mm (")	S mm (")	D min mm (")	a (°)	b (°)	g (°)	d = 0°	Weight kg (lbs)
420 16 5/8	330 13	305 12	0-20 0-3/4	150 6	45-75	15-60	75-30	Yes	20.0 43



Pipe beveling possible with no accessories up to 12".
 An optional attachment for beveling up to 24" is also available.



Mono block milling head, with 10 indexable inserts fixed with screws.



Continuous angle adjustment from 0 to 60 degrees.



Plate facing-off



Plate beveling

Technical specification

Power Supply	1,1 KW, 110v or 230v
Motor	Inductive with increased start-up current
Motor speed	2.820 rpm
Tooling	Integral milling head with 10 square inserts
Standard angles range	0° - 60°
Optional functions	Plate facing
Plate Thickness	Minimum 6 mm
Dimensions	480 x 420 x 360 mm
Weight	20kg / 44lbs



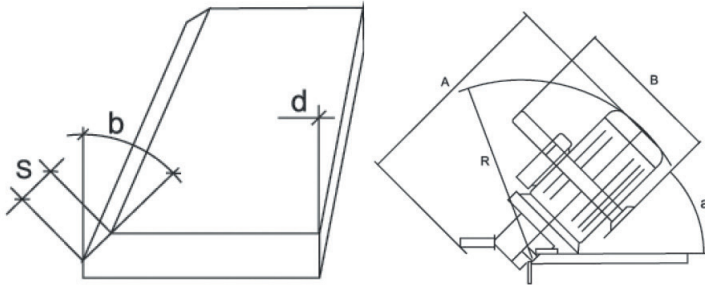
RANGE: thickness 6 to 60mm / bevel angle from 0° to 60° / max bevel width 21mm

- **Materials:** Any kind of stainless steel. Will prep all other steels also.
- **Power:** Electric 110 or 220v

The PMM200SS is designed to work on stainless steel with its new powerful slow speed motor. The PMM200SS also has a guide plate with guide rolls made of stainless steel. The PMM200SS is an easy to use, portable, heavy duty machine designed for beveling steel/stainless steel plates prior to welding.

This beveling machine features a new single milling head equipped with 10 square, indexable inserts makes machining process far more efficient and much less operator fatiguing smooth operation and exceptional efficiency. Capable of beveling around 1.5 meters/minute (depending on the amount of the metal being removed).

The PMM200SS incorporates many safety features. It has a state of the art electronic control module protecting the operator, machine and tools. It is equipped with guide rolls, which make it easy and light to operate. Vibration insulation protects both the operator and electronics against vibration.



A mm (")	B mm (")	R mm (")	S mm (")	D min mm (")	a (°)	b (°)	g (°)	d = 0°	Weight kg (lbs)
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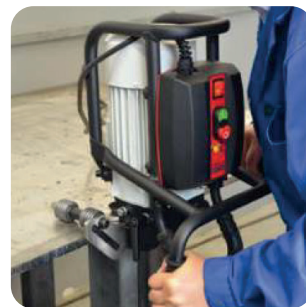


Plate facing-off



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