

■ BM-20plus | PORTABLE BEVELLER

BM-20plus is an easy-to-use, portable heavy-duty machine designed for beveling steel plates and pipes prior to welding.

The machine is fitted with two rotary milling heads, each holding five 4-sided indexable inserts, allowing smooth operation and exceptional efficiency.

BM-20plus has a state of the art electronic motor overload module protecting the operator, the machine and the tooling.

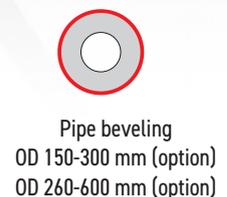
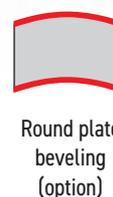
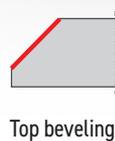
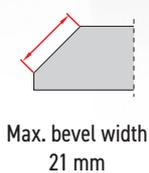
It is equipped with guide rolls, which make it easy and light to operate.

■ Features:

- Portable, heavy-duty machine
- Equipped with guide rolls for easy operation
- Automatic motor overload protection
- Fitted with two milling heads for smooth and efficient operation
- Adjustable bevel angle, 15°- 60°



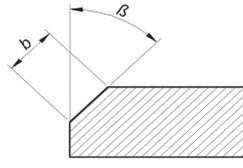
■ Applications



BM-20plus TECHNICAL SPECIFICATION

Power supply	115V/60Hz or 230V/50Hz
Power	2.15 HP (1.6 kW) for 50 Hz 2.41 HP (1.8 kW) for 60 Hz
Spindle speed	2780-3340 rpm (at 230 V) 2740-3290 rpm (at 115 V)
Tooling	Two milling heads with 10 square cutting inserts
Maximum bevel width (b)	21 mm (13/16") [drawing 1]
Bevel angle (β)	15-60° [drawing 1]; 0° (option)
Weight	20.5 kg (45 lbs)
Part number	UKS-0539-10-20-00-0 (230V/50Hz) UKS-0539-10-10-00-0 (115V/60Hz)

β	15°	30°	45°	60°
b	21 mm	20.5 mm	21 mm	20.5 mm



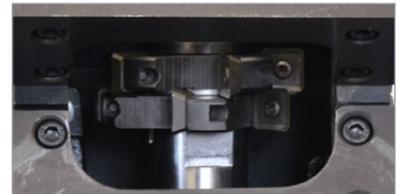
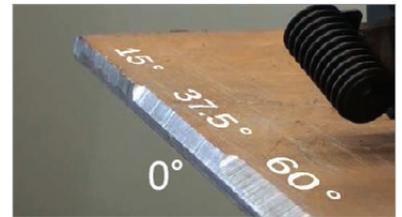
Drawing 1
Maximum bevel width depending on the angle



Cutting Insert (1 piece),
sold 10pcs/box
Product code: PLY-000282



Cutting Insert HD (1 piece),
sold 10pcs/box
Product code: PLY-000591



2 rotary milling heads, each holding five 4-sided indexable inserts



Plate beveling



Plate facing-off (option)



Round plate beveling (option)



Pipe beveling (option)

Optional accessories:

Pipe beveling attachments:



Facing off attachment (0°)
(enables beveling at zero degree)
Product code: ZSP-0075-32-00-00-1



150-300 mm (6"-12")
Product code: ZSP-0075-31-00-00-0



260-600 mm (10"-24")
Product code: ZSP-0075-31-00-00-1



Round plate beveling attachment:
Minimal outer radius R=1000 mm (40")
Minimal inner radius R=1000 mm (40")
Max bevel width 19 mm
Product code: ZSP-0539-10-00-00-0

All information is subject to change without notice. 1910