

## ■ 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.

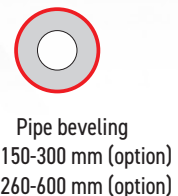
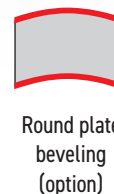
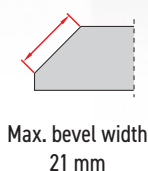
It is equipped with guide rolls, which make it easy and light to operate.

### ■ 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 ( $\beta$ )	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)

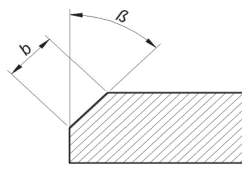
$\beta$	15°	30°	45°	60°
b	21 mm	20.5 mm	21 mm	20.5 mm



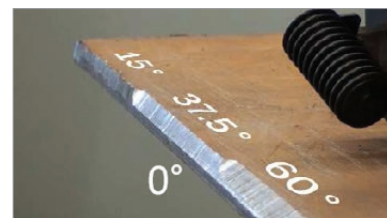
Cutting Insert (1 piece),  
sold 10pcs/box  
Product code: PLY-000282



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



Drawing 1  
Maximum bevel width  
depending on the angle



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