

## **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.

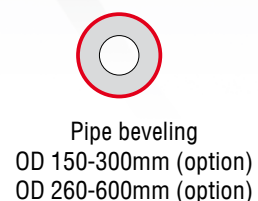
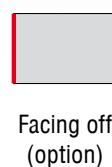
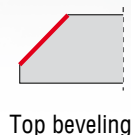
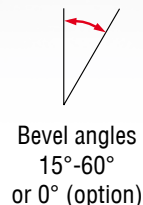
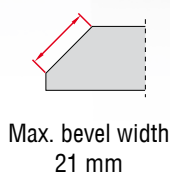
It is equipped with guide rolls, which make it easy and light to operate.

### 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°

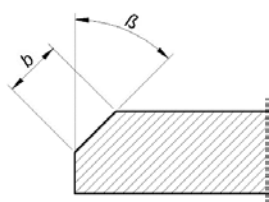


### APPLICATIONS



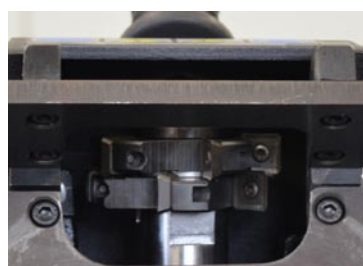
## BM-20plus TECHNICAL SPECIFICATION

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 ( <i>b</i> )	21 mm (13/16") [drawing 1]
Bevel angle	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)



Drawing 1  
Bevel dimensions; maximum bevel width depending on the angle

$\beta$	15°	30°	45°	60°
<i>b</i>	21 mm	20.5 mm	21 mm	20.5 mm



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



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



Plate beveling



Plate facing-off (option)



Pipe beveling (option)

## Optional accessories:



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



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



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



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