

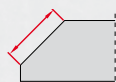
This new generation portable beveling machine BM-21 is one of the best tools for machining plates and pipes prior to welding. It is a beveller developed on the basis of many years of experience with highly successful predecessor model BM-20, which for many years was on the most favored tool list for many customers worldwide.



Most important features include:

- new single milling head equipped with 10 square inserts, that makes machining process far more efficient with little operator's effort
- fast and easy exchange of inserts with no need for special adjustment
- extended working range from 0 to 60 degrees with continuous angle adjustment
- easy setting of bevel angle and bevel width
- vibration insulation protects both the operator and electronics against vibration
- one universal guide plate for beveling both plates and pipes replaces 3 different attachments used with BM-20

Special model BM-21S with lower speed motor dedicated for machining **STAINLESS STEELS** is now available



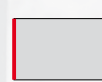
Max. bevel width  
21 mm



Bevel angles  
0-60°



Top beveling



Facing off



Pipe beveling  
OD 150-300mm  
OD 260-600mm (option)

### BM-21 TECHNICAL SPECIFICATION

|                 |   |
|-----------------|---|
| Power supply    | 230VAC/50Hz or 115 VAC/60 Hz                                  |
| Induction motor | with increased start-up current                               |
| Power           | 1100 W  |
|                 | BM-21S: 1600 W (for 50 Hz); 1800 W (for 60 Hz)                |
| Spindle speed   | 2820 rpm  |
|                 | BM-21S: 1360–1630 rpm (at 230 V) and 1300–1560 rpm (at 115 V) |
| Tooling         | integrated milling head with 10 square TCT inserts            |
| Beveling angle  | 0-60° with continuous angle adjustment                        |
| Max bevel width | 21 mm   |
| Weight          | 20 kg (43 lbs)  |
|                 | BM-21S: 23 kg (51 lbs)  |



Plate facing-off



Plate beveling



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



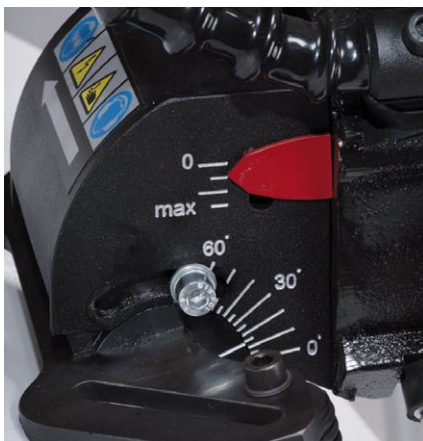
BM-21 contains anti-vibration system including special shaped gripping construction with 4 dampers, enabling more comfortable operation, minimizing unwanted vibrations.

According to manufacturer's research the new anti-vibration system reduces vibration perceptibility by 37%.

Standard universal guide plate for beveling both plates and pipes Ø 150-300mm (6-12")



Optional guide for pipes Ø 260-600mm (10-24")  
Product code: PRW-0461-22-00-00



Continuous angle adjustment from 0 to 60 degrees.



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