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

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 150-300 mm
OD 260-600 mm (option)
<table>
<thead>
<tr>
<th>Voltage</th>
<th>1~ 220–240 V, 50–60 Hz 1~ 110–120 V, 50–60 Hz</th>
</tr>
</thead>
<tbody>
<tr>
<td>Power</td>
<td>1600 W (for 50 Hz) 1800 W (for 60 Hz)</td>
</tr>
<tr>
<td>Spindle speed</td>
<td>2780–3340 rpm (at 230 V) 2740–3290 rpm (at 115 V)</td>
</tr>
<tr>
<td>Tooling</td>
<td>integrated milling head with 10 square TCT inserts</td>
</tr>
<tr>
<td>Bevel angle</td>
<td>0-60° with continuous angle adjustment</td>
</tr>
<tr>
<td>Max bevel width</td>
<td>21 mm (13/16 ″)</td>
</tr>
<tr>
<td>Weight</td>
<td>23 kg (51 lbs)</td>
</tr>
</tbody>
</table>

Product Code 220–240 V, 50–60 Hz: UKS-0461-10-20-00-0
Product Code 110–120 V, 50–60 Hz: UKS-0461-10-10-00-0

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%.

Continuous angle adjustment from 0 to 60 degrees.

37% reduced vibration

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

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

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

Optional guide for pipes Ø 260-600mm (10-24″)
Product code: PRW-0461-22-00-00-0

 Mono block milling head, with 10 indexable inserts fixed with screws.
Product code: GLW-0461-03-00-00-0

<table>
<thead>
<tr>
<th>Plate facing-off</th>
<th>Plate beveling</th>
<th>Pipe beveling</th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="image1.png" alt="Plate facing-off" /></td>
<td><img src="image2.png" alt="Plate beveling" /></td>
<td><img src="image3.png" alt="Pipe beveling" /></td>
</tr>
</tbody>
</table>