ROLEI® PEF 500

Beveling and deburring machine for facets at angles of 30° to 60°.

Precision beveling and faceting machine for all metals from stainless steel to aluminum. Infinitely adjustable beveling angle from 30° to 60° and infinitely adjustable face width from 0” to 3/8” (precise adjustment using knob).

Parts are beveled with perfect cross-grinding – absolutely no opposite burr.

Optional accessories:

Machine stand
Part No. 30220
Sturdy steel machine stand with black powder coating.

Sliding feed plate
Part No. 30210

Spare flap discs
The flat disc with special hard compression for deburring machines. Self-sharpening and extremely long service life!

60 Grit Part No. 36060
80 Grit Part No. 36080
120 Grit Part No. 36120

ROLEI® PEF 500 Specifications

<table>
<thead>
<tr>
<th>Order No.</th>
<th>30201 (220 Volt)</th>
<th>30200 (380 Volt)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Motor</td>
<td>220V single-phase or 380V 3-phase</td>
<td></td>
</tr>
<tr>
<td>Dimensions</td>
<td>20” x 14” x 14”</td>
<td></td>
</tr>
<tr>
<td>Weight</td>
<td>88 lbs.</td>
<td></td>
</tr>
<tr>
<td>Options</td>
<td>Machine stand, extraction port for dust extractor connection</td>
<td></td>
</tr>
</tbody>
</table>

Supplied with 80 grit disc. Other grits available.

Infinitely adjustable facet angle from 30° to 60°
ROLEI® EF 165

Beveling and deburring machine for facets at an angle of 45°.

Optional accessories:

Machine stand
Part No. 30120
Sturdy steel machine stand with black powder coating.

Extended support table
Part No. 30110
Made of sliding grey cast material. 27-1/2" long

Spare flap discs
The flat disc with special hard compression for deburring machines. Self-sharpening and extremely long service life!
60 Grit Part No. 36060
80 Grit Part No. 36080
120 Grit Part No. 36120

Beveling and deburring machine with a fixed beveling angle of 45° and an infinitely adjustable beveling width from 0" to 3/8" for all metals from stainless steel to aluminum. Precise adjustment of the face width using a hand wheel.

ROLEI® EF 165 Specifications

<table>
<thead>
<tr>
<th>Order No.</th>
<th>30101 (220 Volt)</th>
<th>30100 (380 Volt)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Motor</td>
<td>220V single-phase or 380V 3-phase</td>
<td></td>
</tr>
<tr>
<td>Dimensions</td>
<td>14&quot; x 13&quot; x 12&quot;</td>
<td></td>
</tr>
<tr>
<td>Support Table</td>
<td>5&quot; x 13&quot;</td>
<td></td>
</tr>
<tr>
<td>Weight</td>
<td>40 lbs.</td>
<td></td>
</tr>
<tr>
<td>Options</td>
<td>Table extension, machine stand, extraction port for dust extractor connection</td>
<td></td>
</tr>
</tbody>
</table>

Supplied as standard with 80 grit disc. Other grits can also be used to suit the facet width and materials.
ROLEI® BE 5 Sheet Metal Deburring Machine – 2 Speeds

Double-sided deburring of sheet metal up to 0.2” thick can be achieved in a single operation with no additional treatment. The machine’s flap wheels can be easily adjusted as they wear. One set of wheels lasts for approximately 6500 feet of stainless steel sheet. Supplied standard with two 80 grit flap wheels, the ROLEI® BE 5 can be used with other optional grits to suit the facet width and materials of your particular application.

Features two-speed operation:
Speed 1: fine deburring, 600 RPM
Speed 2: standard deburring, 1200 RPM

Optional accessories:
- Spare flap wheels (40, 60, 80, and 120 grit)
- Machine stand, made from strong steel
- Port for industrial dust extractor (Part No. 30330)

ROLEI® BE 5 Specifications

<table>
<thead>
<tr>
<th>Order No.</th>
<th>Motor</th>
<th>Dimensions</th>
<th>Weight</th>
<th>Options</th>
</tr>
</thead>
<tbody>
<tr>
<td>30310A (220 Volt)</td>
<td>220V 3-phase, 2 speeds, .2 KW, 0.9 Amp</td>
<td>19.7” x 12.8” x 7.9”</td>
<td>64 lbs</td>
<td>Machine stand, dust extractor connection port, teflon tape</td>
</tr>
<tr>
<td>30310 (380 Volt)</td>
<td>380V 3-phase, 2 speeds, .2 KW, 0.45 Amp</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

ROLEI® BE 5 Flap Wheels

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Grit</th>
<th>Qty.</th>
</tr>
</thead>
<tbody>
<tr>
<td>37040</td>
<td>40</td>
<td>2 discs per pack</td>
</tr>
<tr>
<td>37060</td>
<td>60</td>
<td>2 discs per pack</td>
</tr>
<tr>
<td>37080</td>
<td>80</td>
<td>2 discs per pack</td>
</tr>
<tr>
<td>37120</td>
<td>120</td>
<td>2 discs per pack</td>
</tr>
</tbody>
</table>

Teflon protective tape – self-adhesive (2 required)
Part No. 30341 (27.5” L x 3/4” W)
For extension rail to protect from scratching the workpiece
ROLEI® EF 115
Hand-held Deburring and Faceting Machine

This handy deburring machine is designed for awkward, heavy parts, such as machine tables, frame constructions or large sheets of metal. Easy to handle, with good edge control. The EF 115 is also ideal for chamfering welds. Fixed beveling angle of 45°, infinitely adjustable facet width from 0" to 3/8".

ROLEI® EF 115 Specifications

<table>
<thead>
<tr>
<th>Order No.</th>
<th>30116</th>
</tr>
</thead>
<tbody>
<tr>
<td>Universal Motor</td>
<td>15 Amp (1710 W) 110/60 Hz (230V / 50 Hz, 1600 W also available)</td>
</tr>
<tr>
<td>Speed</td>
<td>Infinitely adjustable from 2000 to 7600 RPM</td>
</tr>
<tr>
<td>Weight</td>
<td>9 lbs</td>
</tr>
<tr>
<td>Options</td>
<td>Sliding Guide rail, plastic (Part no. 30117, 2-piece set)</td>
</tr>
</tbody>
</table>

ROLEI® EF 115 Flap Discs

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Grit</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>21050A</td>
<td>50</td>
<td>10 discs per pack</td>
</tr>
<tr>
<td>21060A</td>
<td>60</td>
<td>10 discs per pack</td>
</tr>
<tr>
<td>21080A</td>
<td>80</td>
<td>10 discs per pack</td>
</tr>
<tr>
<td>21120A</td>
<td>120</td>
<td>10 discs per pack</td>
</tr>
</tbody>
</table>

QUICK-LOCK cable for fast, easy replacement, e.g. if the cable is damaged. 13 ft., included. Part No. 52004-2

Simple disc changing.
Multipurpose Beveling Machines

Bevel, deburr and chamfer edges of steel plate faster and cleaner than angle grinders.

- Bevel 30°, 45°, 2.5mm or 1.6mm radius on steel, stainless, nonferrous metals, brass and plastics
- Deburr and chamfer; straighten edges, internal and external radii; and countersink holes from 7/8" dia.
- Fine adjustment feature for slight chamfers when deburring for the preparation of weld seams
- Ideal for: Boiler and process plant construction (prepare weld seams on heat exchangers); Mechanical engineering (deburr machine parts, chamfer edges to protect against paint peeling and create visible edges); Sheet metal (deburr cut edges); Moldmaking (straighten edges, internal and external radii and countersink holes from 7/8" dia.)

Specifications

<table>
<thead>
<tr>
<th>Specifications</th>
<th>Model EKF 300.3*</th>
<th>Model EKF 450.3*</th>
<th>Model EKF 452.3*</th>
<th>Model EKF 630</th>
<th>Model EKF 645</th>
</tr>
</thead>
<tbody>
<tr>
<td>Beveling Angle</td>
<td>30°</td>
<td>45°</td>
<td>2.5mm (0.098&quot;)</td>
<td>30°</td>
<td>45°</td>
</tr>
<tr>
<td>Bevel Width (max.)***</td>
<td>1/4&quot;</td>
<td>1/4&quot;</td>
<td>1/4&quot;</td>
<td>9/16&quot;</td>
<td>9/16&quot;</td>
</tr>
<tr>
<td>Motor Power</td>
<td>13.5 Amp/110V**</td>
<td></td>
<td>19.1 Amp/110V**</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Cutting Speed</td>
<td>3000 SFPM</td>
<td></td>
<td>1200-1500 SFPM</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Cutting Inserts Qty.</td>
<td>3</td>
<td></td>
<td>20</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Available Inserts</td>
<td>SHM200; SHM 200-E (for stainless steel); SHM 202 (2.5mm radius); SHM 201 (1.6mm radius)</td>
<td></td>
<td>SHM 900</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Dimensions</td>
<td>121/2&quot; L x 51/2&quot; W x 115/8&quot; H</td>
<td></td>
<td>153/4&quot; L x 1315/16&quot; W x 1115/16&quot; H</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Weight</td>
<td>10.5 lbs.</td>
<td></td>
<td>22.5 lbs.</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

*Heads are interchangeable  *220 V / 50 Hz also available
***Max bevel width may require several passes, depending on material hardness
SKF Beveling Machine for Plates and Pipes

Fast, easy preparation of weld seams and bevels on plate or pipe.

- Bevel 15° to 60° angles and land width up to 3/4" on steel, stainless steel, aluminum and nonferrous metal plates and pipe
- Work on welding angles and weld preparation on pipes/tubes with a minimum OD of 6-1/4" (160mm) with built-in pipe roller guide; ideal for beveling pipe 6-1/4" OD and larger
- Robust design, single operator control and easy handling
- Anti-vibration system for operator comfort

**Standard equipment** includes one milling head, 10 sintered carbide reversible cutting inserts, tools for assembly, built-in pipe roller guide, steel carrying case and user’s manual. Please see our Price List for available accessories.

**Cutting Plates - Sold as pack of 20**
Part No. **SHM 800 N**: for beveling carbon and stainless steel

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**SKF Portable Beveler Specifications**

<table>
<thead>
<tr>
<th>Specification</th>
<th>Details</th>
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<tbody>
<tr>
<td>Order No.</td>
<td>SKF 025</td>
</tr>
<tr>
<td>Beveling Width</td>
<td>3/4&quot; max.***</td>
</tr>
<tr>
<td>Motor Power</td>
<td>15 Amp</td>
</tr>
<tr>
<td>Voltage</td>
<td>110V (220V / 50 Hz also available)</td>
</tr>
<tr>
<td>Cutting Speed</td>
<td>1800 SFPM</td>
</tr>
<tr>
<td>Cutting Inserts</td>
<td>10</td>
</tr>
<tr>
<td>Dimensions</td>
<td>16½&quot; L x 13&quot; H</td>
</tr>
<tr>
<td>Weight</td>
<td>43 lbs.</td>
</tr>
</tbody>
</table>

***Max bevel width may require several passes, depending on material hardness

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**EASY ACCESS / SAFETY CONTROLS**

**ERGONOMIC HANDLES**

**ROLLER GUIDES FOR ACCURACY & REDUCED USER FATIGUE**

**PIPE BEVELING FOR PIPE OVER 6-1/4" OD**

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**EXCEPTIONAL COOLING FOR CONTINUOUS USE**

**HEAVY-DUTY 10 AMP (1100 W) MOTOR**

**SEAMLESS ANGLE ADJUSTMENT 15° - 60°**

**CHAMFER WIDTH ADJUSTMENT UP TO 3/4"**

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