Universal edge-milling and deburring device
<table>
<thead>
<tr>
<th><strong>Prod.-No.</strong></th>
<th>25100</th>
<th>25100</th>
<th>25100</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Prism mounting</strong></td>
<td>L = 150 mm / B = 20/40 mm</td>
<td>L = 250 mm / B = 40 mm</td>
<td>L = 250 mm / B = 70 mm</td>
</tr>
<tr>
<td><strong>End mill Ø</strong></td>
<td>45° or straight Ø 6 mm or Ø 8 mm</td>
<td>Ø 8 mm</td>
<td>Ø 12 mm TCT as per DIN, Ø 12 mm</td>
</tr>
<tr>
<td><strong>Maximum bevel width</strong></td>
<td>1 - 3 mm , with fine adjustment</td>
<td>1 - 5 mm, depending on material, with fine adjustment</td>
<td>1 - 5 mm, with fine adjustment</td>
</tr>
<tr>
<td><strong>High-performance motor</strong></td>
<td>✔</td>
<td>✔</td>
<td>✔</td>
</tr>
<tr>
<td><strong>Motor power</strong></td>
<td>500 Watt</td>
<td>1.050 Watt</td>
<td>1.050 Watt</td>
</tr>
<tr>
<td><strong>Stepless RPM control</strong></td>
<td>11.000 - 25.000 min⁻¹ with softstart</td>
<td>8.000 - 25.000 min⁻¹</td>
<td>2.500 - 22.500 min⁻¹</td>
</tr>
<tr>
<td><strong>Full-wave control electronics</strong></td>
<td>✔</td>
<td>✔</td>
<td>✔</td>
</tr>
<tr>
<td><strong>Clamping neck Ø</strong></td>
<td>43 mm</td>
<td>43 mm</td>
<td>43 mm</td>
</tr>
<tr>
<td><strong>Voltage</strong></td>
<td>230 V, 50 - 60 Hz + 110 V, 50 - 60 Hz</td>
<td>230 V, 50 - 60 Hz + 110 V, 50 - 60 Hz</td>
<td>230 V, 50 - 60 Hz + 110 V, 50 - 60 Hz</td>
</tr>
<tr>
<td><strong>Weight</strong></td>
<td>1.8 kg</td>
<td>3.5 kg</td>
<td>3.5 kg</td>
</tr>
<tr>
<td><strong>Dimensions (L x W x H)</strong></td>
<td>260 x 190 x 150 mm</td>
<td>340 x 150 x 110 mm</td>
<td>340 x 150 x 110 mm</td>
</tr>
<tr>
<td><strong>Cord length</strong></td>
<td>3.0 m</td>
<td>3.0 m</td>
<td>3.0 m</td>
</tr>
</tbody>
</table>
### KFT 250
- Prod.-No.: B/76
- L = 250 mm / B = 40 mm
- TCT as per DIN, Ø 8 mm
- Ø 6 mm or 8 mm TCT as per DIN, Ø 8 mm
- Maximum bevel width: 1 - 5 mm, depending on material, with fine adjustment
- Edge angle: 45° and radii 45°
- Motor power: 500 Watt
- Full-wave control electronics: ✔
- Clamping neck Ø: 43 mm
- Voltage: 230 V, 50 – 60 Hz
- Weight: 1.8 kg
- Dimensions (L x W x H): 260 x 190 x 150 mm
- Cord length: 3.0 m

### KFH 250
- Prod.-No.: B/78
- L = 250 mm / B = 70 mm
- TCT as per DIN, Ø 12 mm
- Ø 12 mm TCT as per DIN, Ø 12 mm
- 45°: Continuously adjustable, 30° - 45° - 30° Right and left for 60° welding bevels. Also for radii R = 3.0, 4.0 and 5.0 using radius TCT cutter
- Edge angle: 45°
- Motor power: 1.050 Watt
- Full-wave control electronics: ✔
- Clamping neck Ø: 43 mm
- Voltage: 230 V, 50 – 60 Hz
- Weight: 5.0 kg
- Dimensions (L x W x H): 360 x 250 x 110 mm
- Cord length: 3.0 m

### KFT 500
- Prod.-No.: B/80
- L = 500 mm / B = 70 mm
- TCT as per DIN, Ø 12 mm
- Ø 12 mm TCT as per DIN, Ø 12 mm
- 45°: Continuously adjustable, 30° - 45° - 30° Right and left for 60° welding bevels. Also for radii R = 3.0, 4.0 and 5.0 using radius TCT cutter
- Edge angle: 45°
- Motor power: 1.800 Watt
- Full-wave control electronics: ✔
- Clamping neck Ø: 63 mm
- Voltage: 230 V, 50 – 60 Hz
- Weight: 12.8 kg
- Dimensions (L x W x H): 480 x 315 x 145 mm
- Cord length: 3.0 m

### MOTORS
- 230 V: 25191
- 110 V: 25191.110
- 230 V: 25192
- 110 V: 25192.110
- 230 V: 25192
- 110 V: 25192.110
### KFK 5

<table>
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</tr>
<tr>
<td>Prod.-No.</td>
<td>25200</td>
</tr>
<tr>
<td>Prism mounting</td>
<td>–</td>
</tr>
<tr>
<td>End mill Ø</td>
<td>Inserts</td>
</tr>
<tr>
<td>Maximum bevel width</td>
<td>45°: Steel 0 - 5 mm, aluminium 0 - 8 mm 30°: Steel 0 - 4 mm, aluminium 0 - 6 mm 15 mm max</td>
</tr>
<tr>
<td>Edge angle</td>
<td>45° (optional 30°, 60°) Radii R = 2.5</td>
</tr>
<tr>
<td>High-performance motor</td>
<td>✔</td>
</tr>
<tr>
<td>Motor power</td>
<td>1.530 Watt</td>
</tr>
<tr>
<td>Stepless RPM control</td>
<td>4200 - 11,000 min⁻¹ with softstart</td>
</tr>
<tr>
<td>Full-wave control electronics</td>
<td>✔ with thermal and overload protection</td>
</tr>
<tr>
<td>Right/left run</td>
<td>–</td>
</tr>
<tr>
<td>Voltage</td>
<td>230 V, 50 - 60 Hz + 110 V, 50 - 60 Hz</td>
</tr>
<tr>
<td>Weight</td>
<td>4.2 kg</td>
</tr>
<tr>
<td>Dimensions (L x W x H)</td>
<td>450 x 200 x 280 mm</td>
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<tr>
<td>Cord length</td>
<td>3.0 m</td>
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</table>

### SKF 63-15

<table>
<thead>
<tr>
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<tr>
<td>Page</td>
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<tr>
<td>Prod.-No.</td>
<td>25010</td>
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<tr>
<td>Guide mounting with rollers</td>
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<tr>
<td>End mill Ø</td>
<td>Inserts</td>
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<tr>
<td>Maximum bevel width</td>
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<tr>
<td>Edge angle</td>
<td>15° - 20° - 30° - 45° - 60° adjustable</td>
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<tr>
<td>High-performance motor</td>
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<tr>
<td>Motor power</td>
<td>1.100 Watt</td>
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<tr>
<td>Stepless RPM control</td>
<td>2870 min⁻¹</td>
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<tr>
<td>Full-wave control electronics</td>
<td>✔ with thermal and overload protection</td>
</tr>
<tr>
<td>Right/left run</td>
<td>–</td>
</tr>
<tr>
<td>Voltage</td>
<td>230 V, 50 Hz + 110 V, 50 - 60 Hz</td>
</tr>
<tr>
<td>Weight</td>
<td>21.0 kg</td>
</tr>
<tr>
<td>Dimensions (L x W x H)</td>
<td>440 x 200 x 280 mm</td>
</tr>
<tr>
<td>Cord length</td>
<td>3.0 m</td>
</tr>
</tbody>
</table>
**Sks-15 Auto**

- **Prism mounting**
- **Guide mounting with rollers**
- **240 x 80 mm / 220 x 75 mm**
- **End mill**
- **Inserts**
- **Shearing blades:** ∅ 100 mm
- **Maximum bevel width**
  - **45°:** Steel 0 - 5 mm, aluminium 0 - 8 mm
  - **30°:** Steel 0 - 4 mm, aluminium 0 - 6 mm
  - 15 mm max
  - 0.5 - 15 mm
- **Edge angle:**
  - 45° (optional 30°, 60°)
  - **Radii R = 2.5**

**High-performance motor**

- **Motor power:**
  - 1.530 Watt
  - 1.100 Watt
  - 1.500 Watt
- **Stepless RPM control**
  - 4200 - 11,000 min⁻¹
  - with softstart
  - 2870 min⁻¹
  - 2800 min⁻¹
- **Full-wave control electronics**
- **With thermal and overload protection**
- **Right/left run**
- **Voltage:**
  - 230 V, 50 – 60 Hz
  - + 110 V, 50 – 60 Hz
  - 230 V, 50 Hz
  - + 110 V, 50 – 60 Hz
  - 220/380V, 50 – 60 Hz
- **Weight:**
  - 4.2 kg
  - 21.0 kg
  - 88 kg
- **Dimensions (L x W x H):**
  - 450 mm x 440 x 200 x 280 mm
  - 450 x 400 x 820 mm
- **Cord length:**
  - 3.0 m

Made in Germany by ALFRA
Four applications – one device

- Prisms, free-hand
- Prisms, stationary
- Contours, stationary
- Contours, free-hand

ALFRA EdgE Deburring Unit

- Adjustment of bevel width
- With thermal and overload protection
- ON/OFF switch
Drive motor (with clamping flange Ø 43 mm) 500 Watt, RPM control 11,000 - 25,000 rpm, quick-change-fitting for use with attachments.

- Contour milling fitting with support table, 72 x 64 mm
- Table milling fitting with support plate, Ø 120 mm
- Tool-less milling height setting.
- Handy and powerful.
- For construction steel, stainless steel, aluminium and other material.
- Also for radii

Technical specifications:

- Bevel angle: 45°
- Bevel width 45°: 1 - 3 mm, continuously adjustable
- Radius: R = 1.0 – 1.5 – 2.0
- Motor voltage: 230 V 50-60Hz; 110V 50-60Hz
- Rating: 500 W
- Speed: 11,000 - 25,000 min⁻¹ with softstart with thermal and overload protection
- Feed: manual
- Weight: 1.8 kg

Scope of Supply:

- KFV deburring and bevelling device, drive motor with clamping flange, Ø 43 mm
- Quick-change fitting for use with attachments
- Contour milling fitting with support table, 72 x 64 mm
- Table milling fitting with support plate, Ø 120 mm
- Prism milling fitting with guide rails, 150 mm length
- Tensioning shank for vice
- Collet 6 mm (mounted), collet 8 mm (included)
- One set of operating tools
- Carrying case
- Guide stop for outer edges
- 1 Operational manual

Prod.-No.

Edge-milling unit, KFV, complete 230V 50-60Hz 25260
Edge-milling unit, KFV, complete 110V 50-60Hz 25260.110
KFH 150

High-performance motor with double bearing-mounted milling spindle

Fine adjustment to bevel depth / width

Guidance handle

Clamping lever for rapid adjustment

Guide rails made of high-strength special steel
The unit enables work pieces to be worked wherever machined edge milling is too expensive.

Hand-operated model for 45° deburring of larger work pieces, profiles, supports, sheet metal panels, with 90° mounting.

- Hand-operated, for 45° bevels.
- Optimal guidance and safe handling.
- Commercially available solid carbide cutter Ø 8 mm.

Technical specifications:

- Prism mounting 45°:
  - L = 150 mm
  - W = 20/40 mm
- End mill:
  - Solid carbide as per DIN, Ø 8 mm
  - 1 - 5 mm, dependent on material with fine adjustment
- High-performance motor
  - Motor voltage: 230V 50-60Hz; 110V 50-60Hz
  - Motor power: 1.050 W
  - Electronics: 8.000 - 25.000 min⁻¹
- Clamping neck Ø:
  - 43 mm
- Weight:
  - 3.5 kg

Scope of Supply:

- Deburring unit KFH 150
- 1 set of guide rails
- 1 collet 8 mm Ø and clamping nut
- 1 set of operating manual

Cost reduction: Most of the cutting area can be accessed by moving the milling cutter in the collet.
KFT 250

- **Chip Collection Container**
- **Rubber Feet** for smooth operation and excellent stability
- **Guide Rails** made of high-strength special steel
- **High-Performance Motor** with double bearing-mounted milling spindle
- **Fine Adjustment** to bevel depth/width
- **Clamping Grip** for rapid adjustment
Simple, cost-effective deburring unit for light to medium use.

To obtain perfectly milled surfaces with DIN 6527 solid carbide end mills in rolling sections with no secondary milling.

**Technical specifications:**

**Milling area:**
- Bevel angle 45°
- Material thickness from 4.5 mm

**Prism mounting:**
- Position I: Material thickness from 4.5 mm
- Position II: Material thickness from 1.0 mm

**Guide rail:**
- Maximum bevel width: W = 40 mm
- 5 mm, dependent on the material.
- Also for stainless steel when selecting a suitable-milling cutter and RPM control, and cuts (spray edges with cutting oil).

**Weight:**
- 5.0 kg

**High-performance drive motor:**
- 1.050 W

**Triple bearing:**

**Double bearing-mounted milling spindle:**

**Swindle bearings with high-speed lubrication:**

**Standard clamping flange Ø:**
- 43 mm

**Stepless RPM control:**
- 8,000 - 25,000 min⁻¹

**Motor voltage:**
- 230V 50-60Hz; 110V 50-60Hz

**Full-wave control electronics:**
- When under load, the tachogenerator provides additional power.

**Scope of Supply:**

- Deburring unit KFT 250 with fine milling depth adjustment
- 1 set of guide rails
- 1 collet 8 mm Ø and clamping nut
- 1 chip collection container
- 1 set of operating tools
- 1 set of operating manual

**Prod.-No.**

- Deburring unit KFT 250: 230V 50-60Hz
- Deburring unit KFT 250: 110V 50-60Hz
- Table for deburring unit KFT 250: 25111
- Special Accessories:
  - ALFRA foot switch with device cable socket: 230V 25116
  - ALFRA foot switch with device cable socket: 110V 25116.110
KFH 250

- High-performance motor with double bearing-mounted milling spindle
- Fine adjustment to milling depth / bevel width
- Ergonomically shaped guide hand grip
- Guide rails made of high-strength special steel
- 30° – 45° – 30° swivelling
Hand-held model specially developed for working on edges (visible edges) and bevelling up to 60° on large rectangular work pieces.

- A vital accessory for mechanical engineering.
- Wide speed range for different materials.
- Individually adjustable milling depth.
- Easy to handle and guide with two support rollers.

Technical specifications:
- Prism mounting: L = 250 mm
  W = 70 mm
- Shank cutter Ø: 12 mm DIN 6527
- Maximum bevel width: 14 mm (dependent on the material)
- Edge angle: continuously adjustable swivelling, 30°-45°-30°, right and left. Also for radii r = 3.0, 4.0, 5.0 using radius-solid-carbide milling cutter
- Rating: 1.800 W (high-quality motor for difficult deburring tasks)
- Stepless RPM control: 2,500 – 22,500 min⁻¹
- Full-wave control electronics – When under load, the tachogenerator provides additional power.
- Clamping neck Ø: 63 mm
- Motor voltage: 230V 50-60Hz; 110V 50-60Hz
- Weight: 12.8 kg

Scope of Supply:
- Deburring unit KFH 250 with fine milling depth adjustment
- 1 set of guide rails with two support rollers
- 1 collet Ø 12 mm and clamping nut
- 1 set of operating tools
- 1 set of operating manual

Cost reduction: Most of the cutting area can be accessed by moving the milling cutter in the collet.

Prism mounting and support rollers made of wear-resistant plastic upon request.
KFT 500

- High-performance motor with double bearing-mounted milling spindle
- Guide rails made of high-strength special steel
- Clamping lever for rapid adjustment
- Fine adjustment to milling depth / bevel width
- Chip collection container
- Rubber feet for smooth operation and excellent stability
For medium- and large-sized work pieces. Maximum bevel width 14 mm

To obtain perfectly milled surfaces with solid carbide end mills in rolling sections with no secondary milling.

**Technical specifications:**

- **Deburring area:** Bevel angle 45°
- **Prism mounting position I:** Material thickness 6 - 14 mm
- **Position II:** Material thickness from 1.5 mm
- **Prism mounting:** Guide rail. Maximum bevel width:
- **Material thickness from 1.5 mm**
- **Material thickness 6 - 14 mm**
- **L = 500 mm**
- **W = 70 mm**
- **14 mm, dependent on the material**
- **Also for stainless steel when selecting a suitable milling cutter and RPM control, and cut division (spray edges with cutting oil).**
- **Also for radii R 3.0, 4.0, 5.0 using radius solid carbide cutter**
- **High-performance drive motor:** 1.800 W
- **Triple bearing, double bearing-mounted milling spindle**
- **Spindle bearings with high-speed lubrication**
- **Clamping neck Ø:** 63 mm
- **Stepless RPM control:** 2,500 – 22,500 min⁻¹
- **Motor voltage:** 230V 50-60Hz; 110V 50-60Hz
- **Full-wave control electronics – when under load, the tachogenerator provides additional power**
- **Weight:** 18 kg

**Scope of Supply:**

- Deburring unit KFT 500 with fine milling depth adjustment
- 1 set of guide rails
- 1 collet Ø 12 mm and clamping nut DIN 6499
- 1 chip collection container
- 1 set of operating tools
- 1 set of operating manual

**Product Numbers:**

- Deburring unit KFT 500: 25140
- Deburring unit KFT 500: 110V 50-60Hz 25140.110
- Table for deburring unit KFT 500 25141
- ALFRA foot switch with device cable socket 230V 25116
- ALFRA foot switch with device cable socket 110V 25116.110

Shorter run times and motor-saving work.

Function:
- Foot switch pressed – socket is live
- Foot switch released – power supply interrupted

Cost reduction: Most of the cutting area can be accessed by moving the milling cutter in the collet.
Description | Prod.-No.
---|---
Deburring end mill 45° | 25270-A
Ø 6 mm, tip Ø 2.5 mm, length 31 mm, 3 cuts
Suitable for: stainless steel, cast iron

Deburring end mill 45° | 25271-A
Ø 6 mm, tip Ø 2.5 mm, length 31 mm, 5 cuts
Suitable for: stainless steel, cast iron

Deburring end mill, radius R = 0.5 | 25272-A
Ø 6 mm, tip Ø 2.9 mm, length 31 mm, 3 cuts
Radius R = 0.5
Suitable for: stainless steel, cast iron

Deburring end mill, radius R = 1.0 | 25273-A
Ø 6 mm, tip Ø 2.9 mm, length 31 mm, 3 cuts
Suitable for: stainless steel, cast iron

Deburring end mill, radius R = 1.5 | 25274-A
Ø 6 mm, tip Ø 2.9 mm, length 31 mm, 3 cuts
Suitable for: stainless steel, cast iron

Deburring end mill, radius R = 1.0 | 25275-A
Ø 10 mm, tip Ø 4.8 mm, length 30 mm, 6 cuts
Suitable for: stainless steel, cast iron

Deburring end mill, radius R = 1.5 | 25276-A
Ø 10 mm, tip Ø 4.8 mm, length 30 mm, 6 cuts
Suitable for: stainless steel, cast iron

Deburring end mill 45° | 25277-A
Ø 10 mm, tip Ø 4.8 mm, length 30 mm, 6 cuts
Suitable for: stainless steel, cast iron

Axes with thrust bearing | 25279-A
(Axis: Ø 1.5 mm - bearing: Ø 3.0 mm)
Suitable for deburring mills with tips - Ø 2.5 - 2.9 mm

Axes with thrust bearing | 25280-A
(Axis: Ø 1.5 mm - bearing: Ø 5.0 mm)
Suitable for deburring mills with tips - Ø 4.8 mm

Deburring end mill with serration | 25281
Ø 8 mm, 4 cuts
Suitable for: Steel, stainless steel, cast iron

Deburring end mill with serration | 25282
Ø 8 mm, 6 cuts
Suitable for: Steel, stainless steel, cast iron

Deburring end mill with serration | 25283
Ø 8 mm, 12 cuts
Suitable for: Steel, stainless steel, cast iron
**ALFRA Solid Carbide End Mill - Deburring End Mill (similar to DIN 6527)**

- This solid carbide end mill was developed for perfect deburring.
- The chips are removed from the motor spindle into the chip collection container or the chip duct.
- Total length 60 mm or 80 mm.
- Coated design

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<td>25150P</td>
<td>25150P</td>
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<td></td>
</tr>
<tr>
<td>12 mm</td>
<td>1</td>
<td></td>
<td></td>
<td>25160P</td>
<td>25160P</td>
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**Carbide mill**
End mill with larger chip spaces, suitable for large bevels on soft materials such as aluminium, as well as brass, copper, and plastics. Universal application for steel and stainless steel.

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<td>25151P</td>
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<tr>
<td>12 mm</td>
<td>4</td>
<td></td>
<td></td>
<td>25161P</td>
<td>25161P</td>
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**Carbide mill**
End mill with larger chip spaces, suitable for larger bevels. Universal application such as for stainless steel, as well as steel, cast iron, non-ferrous metals, plastics.

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<thead>
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<tr>
<td>8 mm</td>
<td>4</td>
<td>25154P</td>
<td>25154P</td>
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<tr>
<td>12 mm</td>
<td>4</td>
<td></td>
<td></td>
<td>25163P</td>
<td>25163P</td>
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</table>

**Carbide mill**
Roughing, fine cord. For attaching welding bevels. For steel, as well as cast iron, stainless steel (universal milling cutter)

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<tbody>
<tr>
<td>R 3.0</td>
<td>12 mm 5</td>
<td>-</td>
<td>-</td>
<td>25165</td>
<td>25165</td>
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<tr>
<td>R 4.0</td>
<td>12 mm 5</td>
<td>-</td>
<td>-</td>
<td>25166</td>
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<tr>
<td>R 5.0</td>
<td>12 mm 5</td>
<td>-</td>
<td>-</td>
<td>25167</td>
<td>25167</td>
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</table>

**Solid Carbide Radius End Mill**
- Solid Carbide Radius End Mill with 2 radius grooves for dual use
- For rounding off work piece edges
- Universally applicable. For hard materials, the radii should be created in successive steps with increasing milling depths.
- The fine adjustment of the contour of the radii to the edge of the work piece is achieved using the axial displacement of the motor in the clamping holes.

*Delivery time upon request.*
ALFRA EDGE DEBURRING UNIT

KFK 5

High-performance motor with soft start motor

Ergonomically shaped hand grip with on-/ off-switch

With thermal and overload protection

Continuously adjustable bevel width setting using scale

Prod.-No. 25202
Prod.-No. 25203
For deburring inner and outer edges, bevelling metal parts, milling radii and holes from Ø 20 mm. Specially developed to produce clean visible edges and weld preparation.

- Tool-less bevel height setting.
- Handy and powerful.
- For structural steel, stainless steel, aluminium and other materials.
- Multiple insert holders, 45° (optional 30°).
- Also for radii $R = 2.5$

Technical specifications:

- Bevel angle: 45° (optional 30°, 60°)
- Bevel width 45°:
  - Steel: 0 – 5 mm 400 N/mm² continuously adjustable
  - Aluminium: 0 – 8 mm 250 N/mm² continuously adjustable
- Bevel width 30°:
  - Steel: 0 – 4 mm 400 N/mm² continuously adjustable
  - Aluminium: 0 – 6 mm 250 N/mm² continuously adjustable
- Radius: $R = 2.5$
- Motor voltage: 230V 50-60Hz; 110V 50-60Hz
- Rating: 1.530 W
- Speed: 4,200 - 11,000 min⁻¹ with softstart with thermal and overload protection
- Feed: manual
- Weight: 4 kg

Scope of Supply:

- KFK 5 – Deburring and bevelling unit
- 1 pc. 45° milling tool with inserts
- 1 tool set
- Carrying case
- 1 set of operating manual

Prod.-No. 25207

Additional accessories:

- 45° replacement milling head/radius $R=2.5$ (no inserts) 25202
- 30° replacement milling head (no inserts) 25203
- 60° replacement milling head (no inserts) upon request 25213

Adjustable guide stop for outer edges 25207

Tools:

- Insert PM25M for steel 13.47 x 3 coated 25206
- Radius insert 2.5 mm 25205
- Insert K10 for aluminium/cast iron 25208
- Insert BK84 for steel/stainless steel 25209
- Torx screws, individual, for replacement inserts 25210
The ALFRA bevel milling machine was specially developed for weld preparation and for milling metallic materials.

Universally applicable in construction areas thanks to its lightweight and direct use on the workpiece.

Designed for one-man operation, the machine is placed on a 90° angle on the workpiece, a light downward pressure applied, and guided along manually.

The design of this side milling cutter, which uses commercially available inserts and a rotation speed of 2.870 rpm, guarantees chatter-free, uniform bevel milling.

The roller guide rails are made of hardened steel and guarantee excellent feed rates.

Simple, safe operation with overload protection and restart interlock.

OFF switch integrated into the right-side hand grip (illustration).

Pipes from Ø 160 mm to 390 mm can be externally milled by means of an additional device.

Optional device for larger pipes, Ø of 1,000 - 1,500 - 2,000 mm upon request.

Technical specifications:
- Motor voltage: 230 V 50Hz; 230 V 60Hz; 110V 50Hz; 110V 60Hz
- Rating: 1,100 Watt
- Speed: 2.870 min⁻¹
- Bevel width: 15 mm max.
- Bevel angle: 15 - 20 - 30 - 45 - 60° adjustable
- Weight: 21 kg
- Dimensions (L x W x H): 440 x 200 x 280 mm

Scope of Supply:
- Deburring unit SKF 63-15
- 1 Set of operating tools
- Operating manual
- Carrying case

Options:
- SKF 63/15 with reduced RPM of 1,400 rpm for use on stainless steel available upon request.

Optional accessories:
- Tube insert for processing tube outer beveling from Ø 160 mm to 390 mm
- Optional device for larger Ø up to 1,000 - 1,500 - 2,000 mm upon request.

Replacement parts:
- Replacement milling head
- Replacement milling disks, individual, with no insert
- Carbide insert, TiAlN/TiN-PVD multi-layer coating
- Universal for steel and inox, clearance angle 11°
- Carbide insert, TiAlN/TiN-PVD multi-layer coating for steel < 1,400 N/mm²; inox < 900 N/mm², clearance angle 20°
- Carbide insert, TiAlN/TiN-PVD multi-layer coating for steel < 1,400 N/mm²; inox < 900 N/mm², clearance angle 11°
- Auxiliary assembly device

For equipping the milling disks with inserts.
For producing weld edges in mechanical engineering, boilers, apparatus, ship-building, welding technology teaching, container construction, etc.

In the development of our machines we are guided by our many years of practical experience. Many details come more or less straight from the user.

The result is a transportable, compact and extremely powerful weld edge shearing machine with a bevel width capacity of up to 15 mm and a continuously adjustable milling angle of 15° - 50°.

The weld is prepared by shearing the material using a shearing blade. The unit's operating principle is very efficient, and it runs smoothly and silently.

Universally applicable:
- Stationary or self-feeding on long steel plates. The machine works by itself along the edge of the work piece.
- The following are required for this: Crane attachment or running, mobile lifting table XT (optional).
- For steel with a tensile strength of approx. 370 N/mm² up to 520 N/mm² - also for stainless steel and aluminium. As the tensile strength of the material to be processed increases, the bevel width must be reduced, and/or the final "target bevel width" must if necessary be created in multiple steps.

Technical specifications:

- **Maximum bevel width:** 0.5 to 15 mm
- For S235, the maximum bevel width of 8 mm should not be exceeded in any single work step.
- **Feed:** approx. 3 m/min.
- **Bevel angle:** 15° - 50°, continuously adjustable
- **Material thickness:** min. 6 mm to max. 40 mm
- **Minimum material width:** 70 mm
- **Minimum material length:** 150 mm
- **Shearing blade:** regrindable
- **Lifespan of shearing blade:** approx. 1,500 - 2,000 m with 5x regrinding and grinding removal of approx. 7/10 (S235 and 8 mm bevel width)
- **Motor power:** 220/380 V / 50/60 Hz / 1500 Watt, 2800 min⁻¹
  - Electric: dust-protected, EC-compliant
- **Dimensions:** L = 450 mm, W = 400 mm, H = 820 mm
  - Weight: 88 kg

The data given above is dependent on the material being processed, and the bevel width.

Scope of Supply:

- SKS-15 Auto, 220/380 V, ready to use, with
- 1 shearing blade, Eco quality
- 1 wrench for angle adjustments
- 1 stripping tool for blade replacement
- 1 set of spacer disks * 0.5, 1.0, 2.0 mm
- Operating manual
- * The mass removed during regrinding must be compensated for using appropriate spacer disks.

Prod.-No.

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<tr>
<th>SKS-15 AUTO, 220/380 V</th>
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Accessories:

- XT Mobile lift table, swivelling 180° | 25960 |
- Unevenness is compensated for by "floating" mounting.
- Access to the underside also when the floor height is very small, but extremely wide height adjustment range.
- 180° adjustable for topside/underside grinding in two passes.
- Simple height levelling

Remote control - only for older models! (Complete with cable and connector, including box) | 25961 |

Shearing blades

Shearing blades, premium quality | 25951 |
- Serrated, HSS steel, coated
  - Ø = 100 mm, e = 29 mm

Shearing blades, Eco quality | 25952 |
- Serrated, HSS steel
  - Ø = 100 mm, e = 29 mm

Shearing blades for other brands

Shearing blades, suitable for

CEVISA (CHP6, CH-12, CHP12G)
- G8C (CHALLENGE 15)
- GERIMA (MSA200, MSA400)
- Serrated, Ø 93.2 mm (D)
- Blade thickness = 20 mm (E)