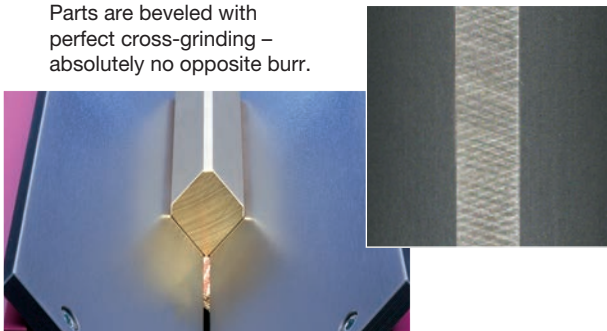


# ROLEI® PEF 500

**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.



### ROLEI® PEF 500 Specifications

Order No.	30201 (220 Volt) 30200 (380 Volt)
Motor	220V single-phase or 380V 3-phase
Dimensions	20" x 14" x 14"
Weight	88 lbs.
Options	Machine stand, extraction port for dust extractor connection

*Supplied with 80 grit disc. Other grits available.*

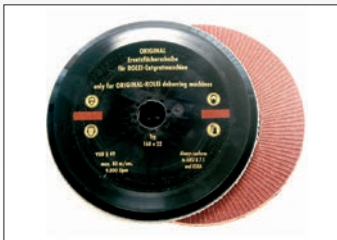
### Optional accessories:



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



**Sliding feed plate**  
Part No. 30210

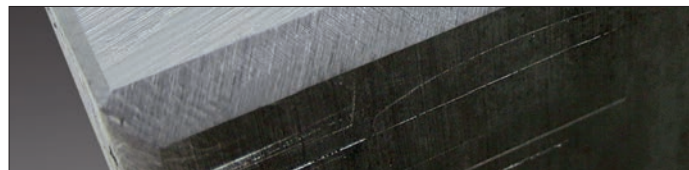


**Spare flap discs**  
The flat disc with special hard compression for deburring machines. Self-sharpening and extremely long service life!

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



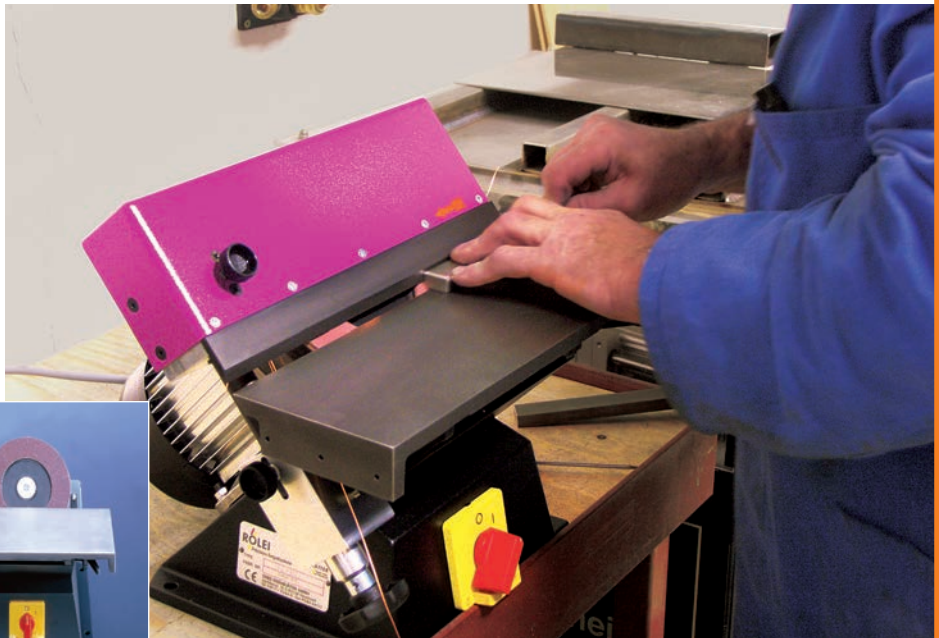
**Infinitely adjustable facet angle from 30° to 60°**



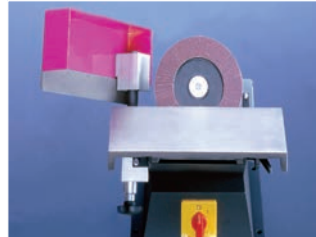
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# ROLEI® EF 165

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



Optional dust extraction port  
Part No. 30130



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.



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## Optional accessories:



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



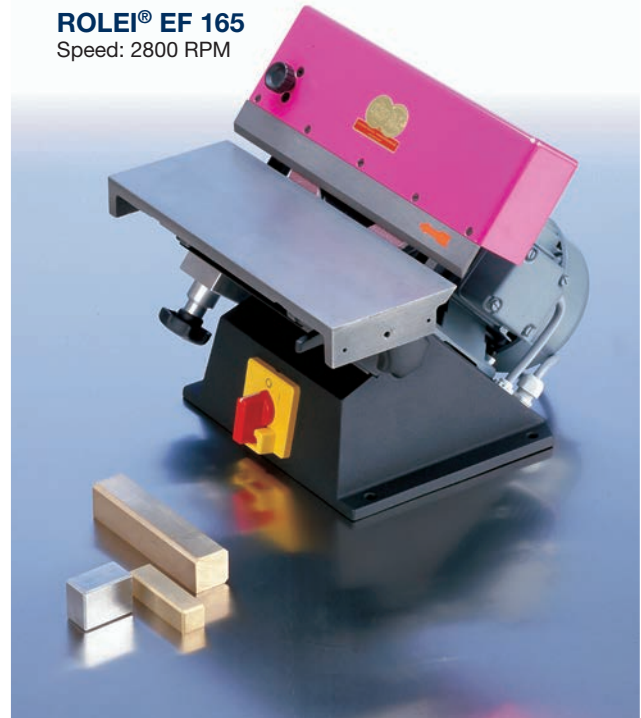
**Extended support table**  
Part No. 30110  
Made of sliding grey cast material.  
27-1/2" long



**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

**ROLEI® EF 165**  
Speed: 2800 RPM



## ROLEI® EF 165 Specifications

Order No.	30101 (220 Volt) 30100 (380 Volt)
Motor	220V single-phase or 380V 3-phase
Dimensions	14" x 13" x 12"
Support Table	5" x 13"
Weight	40 lbs.
Options	Table extension, machine stand, extraction port for dust extractor connection

*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.



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### Features two-speed operation:

- Speed 1: fine deburring, 600 RPM
- Speed 2: standard deburring, 1200 RPM

Optional accessories:

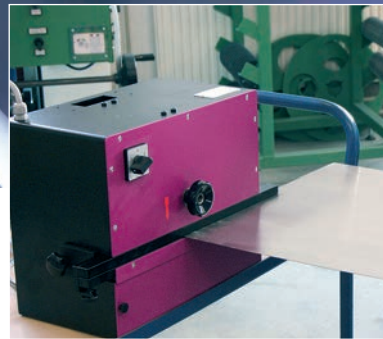
- Spare flap wheels (40, 60, 80, and 120 grit)
- Machine stand, made from strong steel
- Port for industrial dust extractor (Part No. 30330)

### ROLEI® BE 5 Specifications

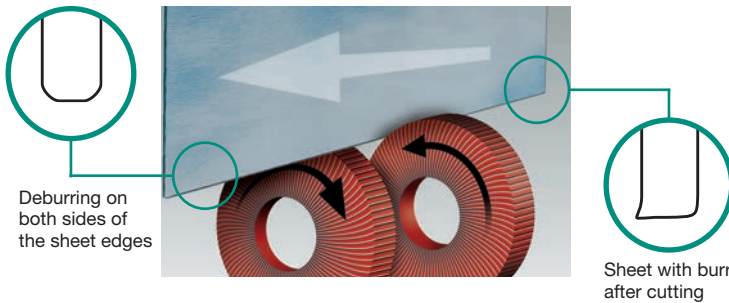
Order No.	30310A (220 Volt) 30310 (380 Volt)
Motor	220V 3-phase, 2 speeds, .2 KW, 0.9 Amp 380V 3-phase, 2 speeds, .2 KW, 0.45 Amp
Dimensions	19.7" x 12.8" x 7.9"
Weight	64 lbs
Options	Machine stand, dust extractor connection port, teflon tape

### ROLEI® BE 5 Flap Wheels

Part No.	Grit	Qty.
37040	40	2 discs per pack
37060	60	2 discs per pack
37080	80	2 discs per pack
37120	120	2 discs per pack



Can also be used on its side with roller tables for large thin sheets.



Spare flap wheels for sheet metal deburring machine BE 5  
Grit 40, 60, 80, 120



Machine stand - Part No. 30320  
Strong steel machine stand with black powder coating



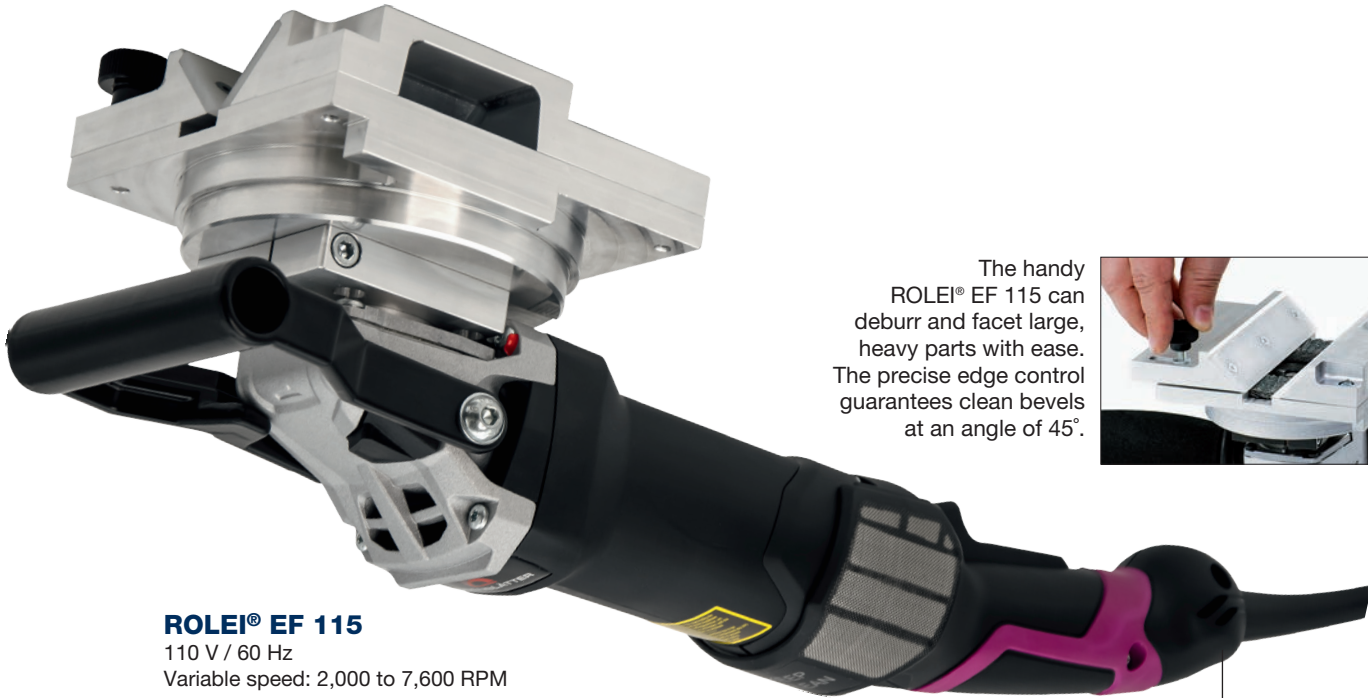
Dust extraction port (end and bottom views shown above)  
Part No. 30330



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

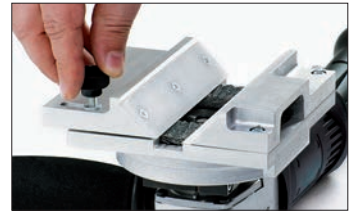
# ROLEI® EF 115 Hand-held Deburring and Faceting Machine

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**  
110 V / 60 Hz  
Variable speed: 2,000 to 7,600 RPM

The handy ROLEI® EF 115 can deburr and facet large, heavy parts with ease. The precise edge control guarantees clean bevels at an angle of 45°.



## ROLEI® EF 115 Specifications

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

## ROLEI® EF 115 Flap Discs

Part No.	Grit	Quantity
21050A	50	10 discs per pack
21060A	60	10 discs per pack
21080A	80	10 discs per pack
21120A	120	10 discs per pack

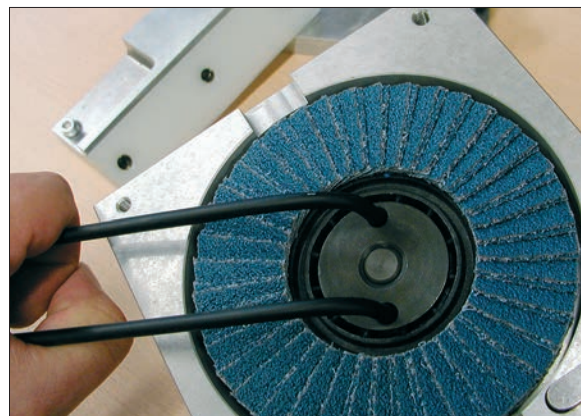


QUICK-LOCK cable for fast, easy replacement, e.g. if the cable is damaged. 13 ft., included. Part No. 52004-2



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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.)



## Three Milling Options

<b>30°</b> 	<b>45°</b> 	<b>2.5mm radius</b> 
Milling cutter 30°, Chamfer 0 - 1/4"	Milling cutter 45°, Chamfer 0 - 1/4"	Milling cutter 2.5mm radius (0.098")



### 0-1/4" beveling width

- Three Models:  
EKF 300.3 - 30°  
EKF 450.3 - 45°  
EKF 452.3 - 2.5R

Also available:  
1.6mm / 0.063"  
cutting inserts (SHM 201).  
Contact us for details.



**Fine adjustment**  
Precise control of chamfer when deburring for weld seam preparation

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### 0-9/16" (15mm) beveling width

- Two Models:  
EKF 630 - 30°  
EKF 645 - 45°

**Standard equipment includes milling head and two inserts, SW22 key, carrying case and user's manual. See our Price List for available accessories.**

Specifications	Model EKF 300.3*	Model EKF 450.3*	Model EKF 452.3*	Model EKF 630	Model EKF 645
Beveling Angle	30°	45°	2.5mm (0.098")	30°	45°
Bevel Width (max.)***	1/4"	1/4"	1/4"	9/16"	9/16"
Motor Power	13.5 Amp/110V**			19.1 Amp/110V**	
Cutting Speed	3000 SFPM			1200-1500 SFPM	
Cutting Inserts Qty.	3			20	
Available Inserts (Sold as pack of 10)	SHM200; SHM 200-E (for stainless steel); SHM 202 (2.5mm radius); SHM 201 (1.6mm radius)			SHM 900	
Dimensions	12 <sup>1</sup> / <sub>2</sub> " L x 5 <sup>1</sup> / <sub>2</sub> " W x 11 <sup>5</sup> / <sub>8</sub> " H			15 <sup>3</sup> / <sub>4</sub> " L x 13 <sup>13</sup> / <sub>16</sub> " W x 11 <sup>13</sup> / <sub>16</sub> " H	
Weight	10.5 lbs.			22.5 lbs.	

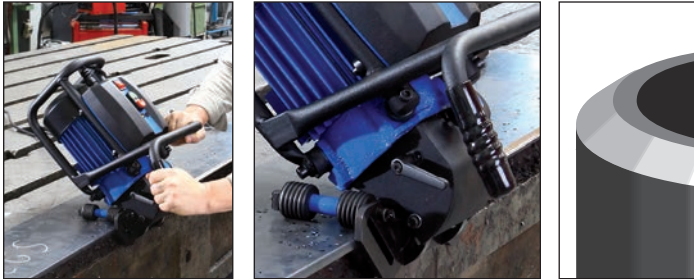
\*Heads are interchangeable \*220 V / 50 Hz also available

\*\*\*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

## SKF Portable Beveler Specifications

Order No.	SKF 025
Beveling Width	3/4" max.***
Motor Power	15 Amp
Voltage	110V (220V / 50 Hz also available)
Cutting Speed	1800 SFPM
Cutting Inserts	10
Dimensions	16 1/2" L x 13" H
Weight	43 lbs.

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

**EASY ACCESS / SAFETY CONTROLS**

**ERGONOMIC HANDLES**

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



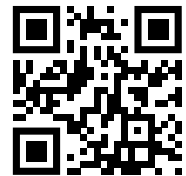
**PIPE BEVELING FOR PIPE OVER 6-1/4" OD**

**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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