

ROLEI® BE 5 Sheet Metal Deburring Machine – 2 Speeds

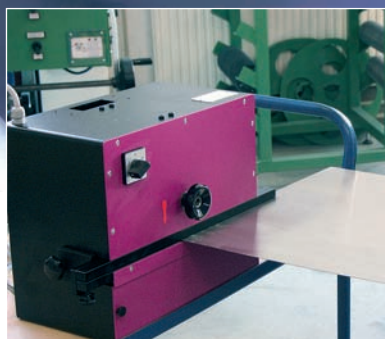
Double-sided deburring of sheet metal up to 0.2" thick can be achieved in a single operation with no additional treatment. The machine's flap wheels can be easily adjusted as they wear. One set of wheels lasts for approximately 6500 feet of stainless steel sheet. Supplied standard with two 80 grit flap 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)



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

ROLEI BE 5 Specifications

**Order Number: 30310A (220 Volt)
30310 (440 Volt)**

3-phase motor 220 - 240 V 3-phase / 2 speeds
.2 KW / .9 Amp
400 - 440 V 3-phase / 2 speeds
.2 KW / .45 Amp

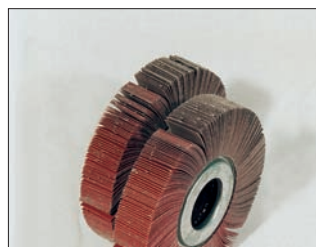
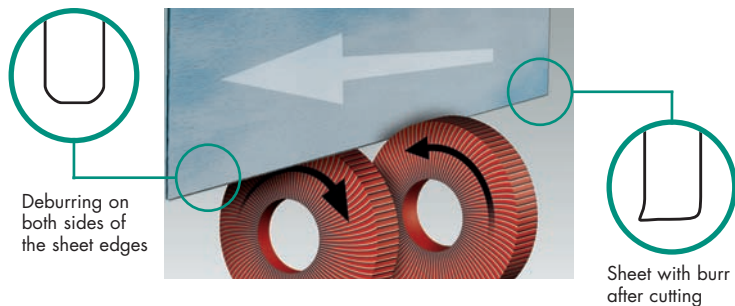
Dimensions 19.7" x 12.8" x 7.9"

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



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



Machine stand - P/N: 30320
Strong steel machine stand with black powder coating



Dust extraction port (end and bottom views shown above)
P/N: 30330



Teflon protective tape - self-adhesive (2 required)
P/N: 30340 (21" length x 3/4" width)
P/N: 30341 (28" length x 3/4" width)
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

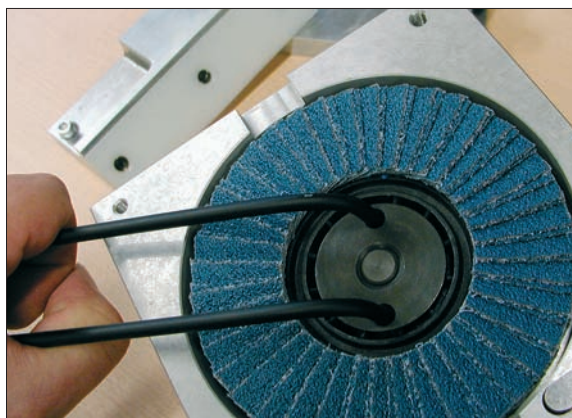
Order Number: 30116

Universal motor	12.27 Amp (1350 W) 110 V / 60 Hz (230 V / 50 Hz, 1600 W also available)
Speed	Infinitely adjustable from 2,000 to 7,600 rpm
Weight	9 lbs.
Options	Sliding guide rail, plastic (P/N 30117, 2-piece set)



QUICK-LOCK cable for fast, easy replacement, e.g. if the cable is damaged
10 ft., included.

Simple disc changing

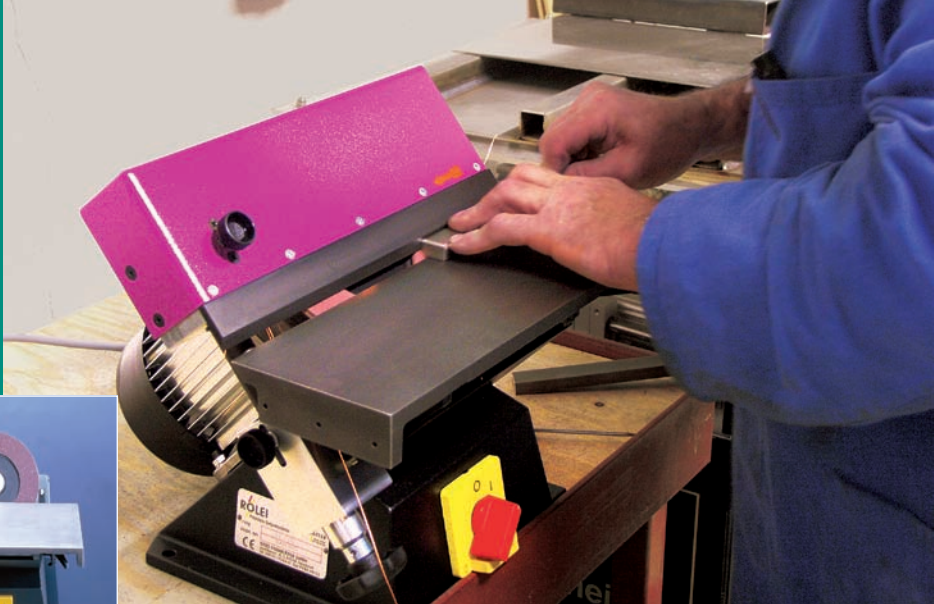


ROLEI EF 115 Flap Discs

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

ROLEI® EF 165

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



Optional dust extraction port P/N 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.

Optional accessories:

- Table extension (P/N 30110, 2 pieces, 5" x 13" each)
- Machine stand (P/N 30120)
- Extraction port for industrial dust extractor (P/N 30130)
- Spare flap discs (50, 60, 80, 120 grit)



Machine stand
P/N 30120

Sturdy steel machine stand with black powder coating.



Extended support table
P/N 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!

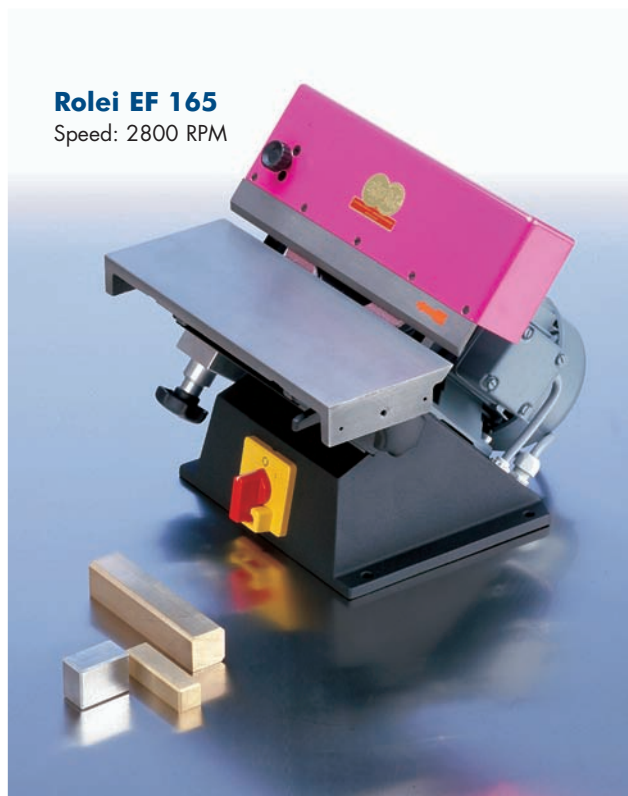
60 Grit P/N 36060

80 Grit P/N 36080

120 Grit P/N 36120

Rolei EF 165

Speed: 2800 RPM



ROLEI EF 165 Specifications

Order Number: 30101 (220 Volt)
30100 (440 Volt)

Three-phase motor 220 - 240 V, 3-phase
or 400 - 440 V, 3-phase

Support table 5" x 13"

Dimensions 14" x 13" x 12"

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 face width and materials.

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).

Optional accessories:

- Table extension (guide rail) from 20" to 28" (P/N 30240)
- Extraction port for dust (P/N 30230)
- Sliding feed plate, plastic (P/N 30240)
- Spare flap discs (see below right)



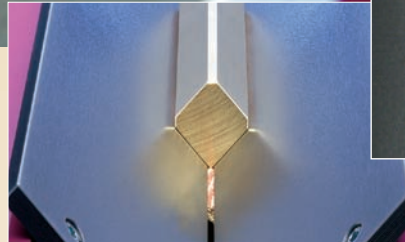
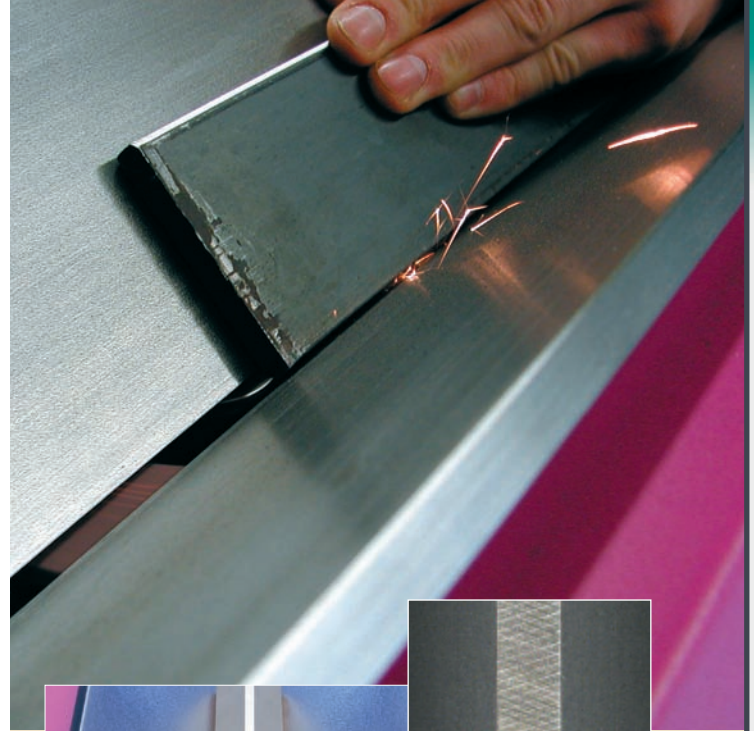
Rolei PEF 500
Speed: 2800 RPM

ROLEI PEF 500 Specifications

Order Number: 30201 (220 Volt)
30200 (440 Volt)

Three-phase motor	220 - 240 V, 3-phase or 400 - 440 V, 3-phase
Dimensions	20" x 14" x 14"
Weight	88 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.



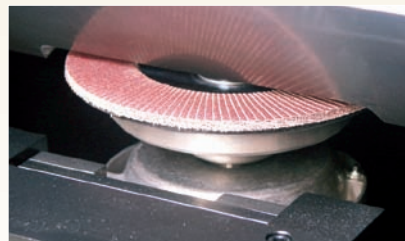
Parts are beveled with perfect cross-grinding – absolutely no opposite burr.



The face width can be adjusted precisely using a hand wheel.

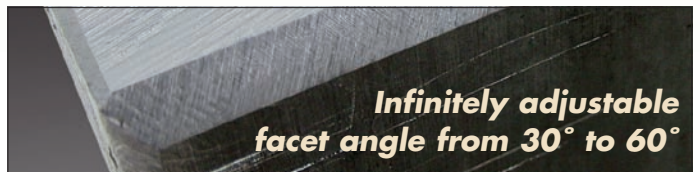


The disc wear is adjusted using a hand wheel with a threaded spindle. The face angle can be adjusted using a motorized system.



The easily interchangeable flat flap disc produces a chamfer which creates zero opposite burr.

Spare flap discs
60 Grit P/N 36060
80 Grit P/N 36080
120 Grit P/N 36120



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

Multipurpose Beveling Machine

Bevel, deburr and chamfer edges of steel plate fast.

The EKF multipurpose beveling machine is designed to bevel 30° or 45° weld seams on steel, stainless steel, nonferrous metals, brass and plastics. It can also be used to deburr and chamfer; straighten edges, internal and external radii; and countersink holes from 7/8" diameter.

- Fine adjustment feature for slight chamfers when deburring for the preparation of weld seams
- Three milling heads – 30°, 45° and radius R2.5 – are available
- Ideal for the following applications: **Moldmaking** (straighten edges, internal and external radii and countersink holes from 7/8" dia.); **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)



EKF 300.3, 450.3 & 452.3

Portable Beveler Specifications

Order Number:	EKF 300.3	EKF 450.3	EKF 452.3
Beveling angle*	30°	45°	R2.5
Bevel width (max.)**	1/4"	1/4"	1/4"
Motor power	All machines: 10 Amp		
Voltage	All machines: 110 V (220 V / 50 Hz also available)		
Cutting speed	All machines: 3000 SFPM		
Cutting inserts	2	2	2
Dimensions (L x W x H)	All machines: 12-1/2" x 5-1/2" x 11-5/8"		
Weight	All machines: 10.5 lbs.		

* EKF milling heads are interchangeable.

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



One Machine, Three Milling Options

30°



EKF 300.3

Milling cutter 30°,
Chamfer 0 - 1/4"
Inserts (10/pkg): SHM 200

45°



EKF 450.3

Milling cutter 45°,
Chamfer 0 - 1/4"
Inserts (10/pkg): SHM 200

R 2.5 radius



EKF 452.3

Milling cutter 3/16" radius
(optional)
Inserts (10/pkg): SHM 202



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



The optimum fixture for stationary deburring of small parts (Order No. ZKF 100)

Portable Beveling Machine

Bevel angles from 15° to 60° on plate and pipes.

CS Unitec's SKF 020 Beveling Machine provides fast and easy preparation of weld seams and bevels 15° to 60° angles on plate or pipe. It is ideal for use on steel, stainless steel, aluminum and nonferrous metals and offers high-quality performance that allows for superior weld connections.

- Continuously adjustable angle (15° to 60°) and land width up to 5/8"
- Robust design, single operator control and easy handling; designed for continuous operation with smooth roller guides
- Includes two milling heads and 12 total indexable inserts for fast metal removal and extended tool life
- Work on welding angles and weld preparation on pipes/tubes with a minimum OD of 6-1/4" (160mm) with included pipe roller guide; also ideal for beveling pipe 6-1/4" OD and larger



SKF 020

Portable Beveler Specifications

Order Number: SKF 020

Beveling angle	15° - 60°
Bevel width (max.)**	5/8"
Motor power	14 Amp
Voltage	110 V
	(220 V / 50 Hz also available)
Cutting speed	1800 SFPM
Cutting inserts	12
Dimensions (L x W x H)	16-1/2" x 13" (L x H)
Weight	42 lbs.

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



Precise roller guidance, low friction resistance.



Single-operator, straightforward handling.



Ideal for beveling pipe 6.25" OD and larger.

For beveling carbon steel use **SHM 500** inserts, for beveling stainless steel use **LKS 10 ST** inserts.

Standard equipment includes two milling heads, each with six sintered carbide reversible cutting inserts, tools for assembly, SKF pipe roller guide, steel carrying case and user's manual. Please see our Price List for available accessories.