



ALFRA BEVEL MILLING MACHINE

SKF 63-15



ALFRA BEVEL MILLING MACHINE – SKF 63-15



Made in Germany by ALFRA • For bevel widths up to maximum 15 mm and with continuously variable angle adjustment 15 - 60°

- The ALFRA bevel milling machine was specially developed for weld preparation and for milling metallic materials.
- Universally applicable in construction areas thanks to its light weight and direct use on the work piece.
- Designed for one-man operation, the machine is placed on a 90° angle on the work piece, 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.



Integrated OFF switch

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

Prod.-No.

Bevel milling machine SKF 63-15	230V 50Hz	25010
Bevel milling machine SKF 63-15	230V 60Hz	25010.230-60Hz
Bevel milling machine SKF 63-15	110V 50Hz	25010.110-50Hz
Bevel milling machine SKF 63-15	110V 60Hz	25010.110-60Hz

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 bevelling from Ø 160 mm to 390 mm	25014
Optional device for larger Ø up to 1.000 - 1.500 - 2.000 mm upon request.	

Replacement parts:

Replacement milling head	25011
Consisting of: 2 milling disks and 6 high-speed inserts	

Replacement milling disks, individual, with no insert	25012
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Carbide insert, TiAlN/TiN-PVD multi-layer coating	25013
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Universal for steel and inox, clearance angle 11°

Carbide insert, TiAlN/TiN-PVD multi-layer coating	25010.15036B
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For steel < 850 N/mm²; inox < 900 N/mm², clearance angle 20°

Carbide insert, TiAlN/TiN-PVD multi-layer coating	25010.15036E
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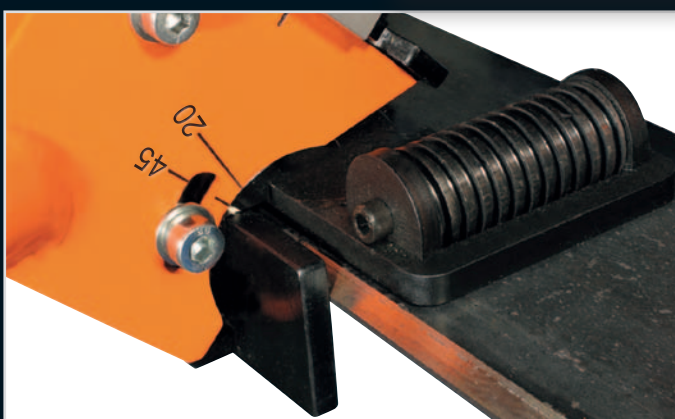
For steel < 1400 N/mm²; inox < 900 N/mm², clearance angle 11°

Auxiliary assembly device	25019
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For equipping the milling disks with inserts.



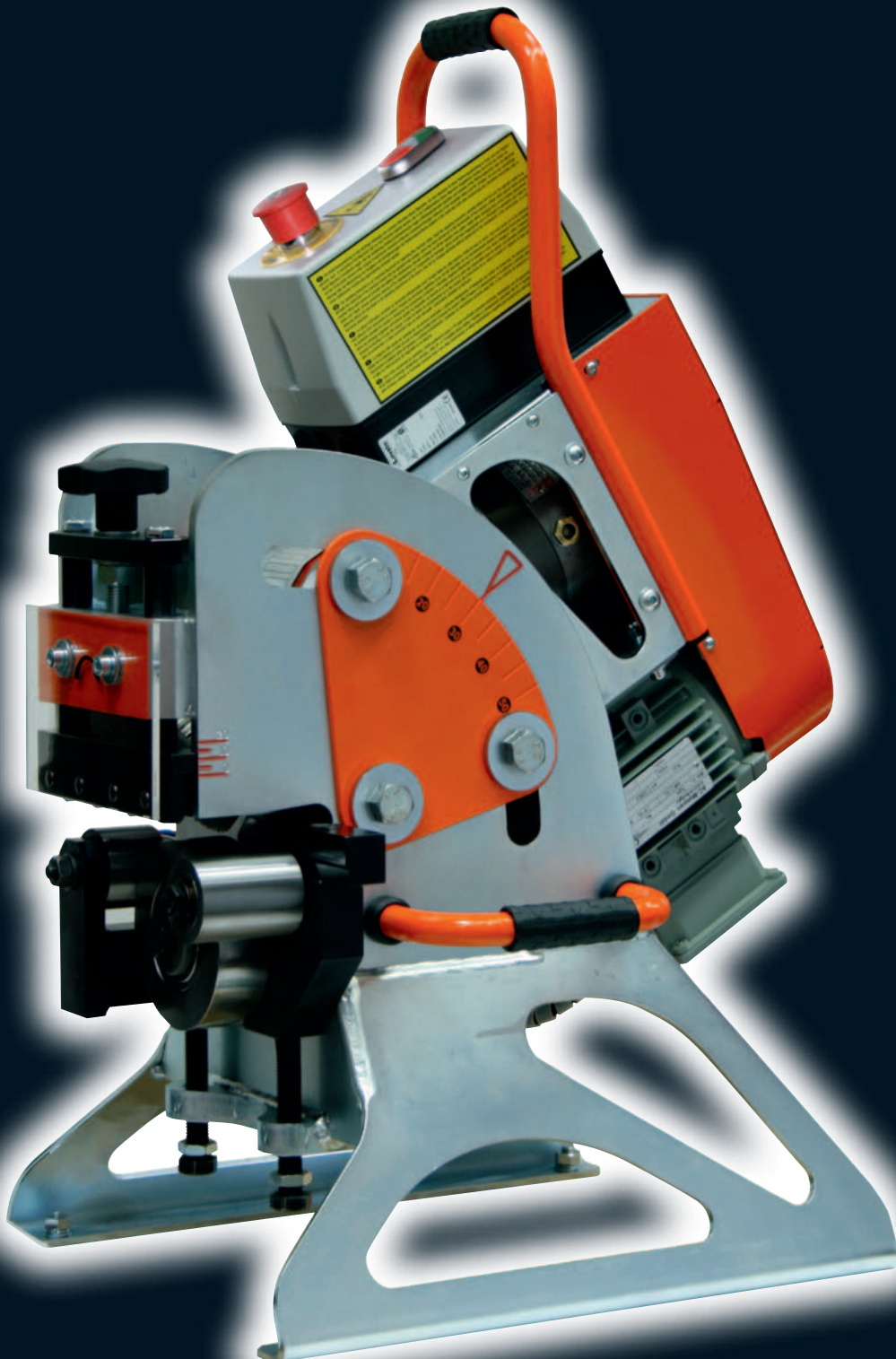
2 milling disks together with 6 inserts each





ALFRA **AUTOMATIC WELD EDGE SHEARING MACHINE**

SKS-15 AUTO



ALFRA AUTOMATIC WELD EDGE SHEARING MACHINE

SKS-15 AUTO



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 With hand wheel for material thickness Rapidly adjustable
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.

SKS-15 AUTO, 220/380 V 25950

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
- Manual control for machine operation during overhead milling.

Remote control - only for older models! 25961

Complete with cable and connector, including box)

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 25954

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

