

FEIN. Unverwüstliche
Elektrowerkzeuge.



The simple solution for creating and maintaining pipe systems:
FEIN pipe milling cutters for precise sawing and cutting results.



Quick installation, precise results: the new high-performance pipe milling cutters from FEIN.

FEIN has refined pipe milling technology even further: with the new RSG/RDG 1500 pipe milling machine. It delivers the cutting pipes before laying, and even cuts pipes which have already been laid. The low weight means that the machine is simple to equip and the RSG/RDG 1500 makes clean and straight cuts thanks to the new cutting technology.

In addition, the FEIN pipe milling machine boasts impressive, robust quality and outstanding efficiency. It is ideally suited to machining cast pipes or steel pipes for oil, gas and water supplies that are used in pipelines, public supply networks, power plants, industrial systems and container construction, for example.

Safe working

The feed can be switched on and off to improve operating safety. The safety slipping clutch protects the feed gearbox from overload.

Robust quality

The machine is perfectly suited to continuous and regular use in demanding operating conditions.

Compact and space-saving

The shorter side plates reduce the working space around the pipe, as a result the machine can be used when space is extremely tight.

Reliable guidance

The machine cuts through welded seams and doesn't slip on two-component pipes.





NEW!

Efficient and economical

The pipe milling machine is ready for use in no time. All cuts are performed reliably and precisely; the investment pays off thanks to the long service life of the machine.

Easy to install: The machine can be transported and installed on site by 2 people.



Precise cutting lines: The start and end points meet cleanly.



NEW!



Precise cutting guidance: The three chains guarantee that cuts are absolutely straight with no misalignment.

Electric pipe milling machines

Technical data		RSG 1500 A	RSG 1500 B	RSG Ex* 1500 A	RSG Ex* 1500 B
Voltage (U)	V	400		400	
Frequency (f)	Hz	50		50	
Mains supply type		3 ~ (three-phase)		3 ~ (three-phase)	
Idling speed (n ₀)					
Motor	rpm	2860		2860	
Cutting tools	rpm	35	70	35	70
Feed (f)	mm/min	40	80	40	80
Rated output (P)	W	1500		1500	
Length of mains cable (with plug)	m	10		2 x 20	
Weight (m)	kg	73		73	
Protection class		⊕/I		⊕/I	
Type of protection	IP X4	IP X4		IP X4	
Dimensions					
Max. tool diameter	mm	220		220	
L _{max.}	mm	980		980	
H _{max.}	mm	340		340	
B _{max.}	mm	450		450	
B ₁	mm	372		372	
B ₂	mm	205		205	
L ₁	mm	795		795	
Sound pressure level	dB (A)	92		92	
Sound power level	dB (A)	105		105	
Scope of supply		1 transport box, 4 handles, 1 chain tensioner, 1 metal tool box, 1 hand crank, 10 splitting wedges (RSG Ex 1500 A/B with 5 splitting wedges, no sparks), 1 set of wrenches, 10 chain pieces (l = 31.75 mm), 20 bolts, 40 circlips, 2 spacers for chains, 1 control unit with motor protection switch, 1 CEE clutch, 2 transport straps			
Order number		7 36 01 661 00 0	7 36 01 761 00 0	7 36 01 461 00 0	7 36 01 561 00 0

* **Important information** EC Directive 94/9EG ATEX (Atmosphères Explosibles): We would like to point out that the RDG/RSG/RSG Ex FEIN pipe milling machines are not approved for use in areas at risk of explosion and therefore these pipe milling machines do not have an EC type examination certificate in compliance with Directive 94/9/EC. (For the RSGex pipe milling machine, only two ATEX-compliant components are fitted, i.e. the electric motor and additional switch.) The ATEX Directive only applies in the EC.

Compressed air pipe milling machines

Technical data		RDG 1500 A	RDG 1500 B
Air pressure (p)	bar	6	
Air consumption under load (Q)	l/s	72	
Idling speed (n ₀)			
Motor	rpm	6000	
Cutting tools	rpm	35	70
Feed (f)	mm/min	40	80
Power output (P)	W	2000	
Hose diameter	mm	15	
Weight (m)	kg	67	
Dimensions			
Max. tool diameter	mm	220	
L _{max.}	mm	980	
H _{max.}	mm	280	
B _{max.}	mm	450	
B ₁	mm	372	
B ₂	mm	205	
L ₁	mm	795	
Sound pressure level	dB (A)	103	
Sound power level	dB (A)	116	
Scope of supply		1 transport box, 4 handles, 1 chain tensioner, 1 metal tool box, 1 hand crank, 10 splitting wedges, 1 set of wrenches, 10 chain pieces (l = 31.75 mm), 20 bolts, 40 circlips, 2 spacers for chains, 1 can of oil, 1 maintenance unit with hose, 2 transport straps	
Order number		7 56 02 661 00 0	7 56 02 761 00 0

New accessories.

Pipe diameter	Chain length	Chain pieces 635 mm	Chain length of guide chain	
			Chain pieces 63.5 mm	Chain pieces 31.7 mm
		A	B	C
250	710	1	1	1
300	870	1	4	0
350	1030	1	6	1
400	1190	1	8	1
450	1344	2	1	1
500	1500	2	4	0
550	1660	2	6	1
600	1809	2	8	1
650	1970	3	1	1
700	2130	3	4	0
750	2290	3	6	1
800	2440	3	8	1
850	2600	4	1	1
900	2760	4	4	0
950	2921	4	6	0
1000	3079	4	8	1
1100	3397	5	3	1
1200	3714	5	8	1
1300	4032	6	3	1
1400	4330	6	8	1
1500	4640	7	3	1
Order number		3 02 31 034 01 0	3 02 31 036 01 0	3 02 31 035 01 0



Example order:

With a pipe diameter of D = 400 mm, you require the following chain pieces:

- A** = 635 mm chain piece (order number 3 02 31 034 01 0): **1x**
- B** = 63.5 mm chain piece (order number 3 02 31 036 01 0): **8x**
- C** = 31.7 mm chain piece (order number 3 02 31 035 01 0): **1x**



FEIN compressed air cooling lubrication

Extends the tool life of circular saw blades and form cutters, ensuring above-average durability.

Lubricant

BIOCUT

For temperatures up to 0°C

	1 litre	5 litres
Order no.	3 21 32 039 00 0	3 21 32 040 00 0

Resistant to cold

For temperatures down to -25°C

	1 litre	5 litres
Order no.	3 21 32 042 00 0	3 21 32 043 00 0

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Make more of your pipe milling cutter:

with accessories by FEIN.

Chamfer pipes separately or at the same time

The cutters in the three-piece cutter sets can be used together with the saw blade and individually on the left or right for an absolutely straight cut and chamfering at the desired position.



Three-piece cutter set

For sawing (straight cut 3 mm) and profile cutting (2 x 30°) in a single process.

Diameter (mm)	Width (mm)	Weight (kg)	Max. cutting depth (mm)
154	30.6	2.7	25
Order number			6 35 08 099 02 0

Place your confidence in FEIN genuine accessories. The low-wear accessories guarantee optimum performance, economical working, precise results and excellent efficiency.

Guarantee quality that pays for itself. Discover circular saw blades, form cutters, transport containers, chain pieces and much more at www.fein.com.

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