

► METAL

FEIN. Unverwüstliche
Elektrowerkzeuge.



Get a good hold: the FEIN ERGOGRIP.

For the new generation of FEIN angle grinders and die grinders.



The new FEIN grinders with innovative FEIN ERGOGRIP to minimise fatigue.

Improved hold means improved safety, improved control and improved efficiency. And that's why we developed the FEIN ERGOGRIP.

This is a new generation of FEIN grinders with an ergonomic handle for maximum contact between hand and tool, which can be safely operated in any application and optimally converts the force used into effective work progress.

The benefits for you:

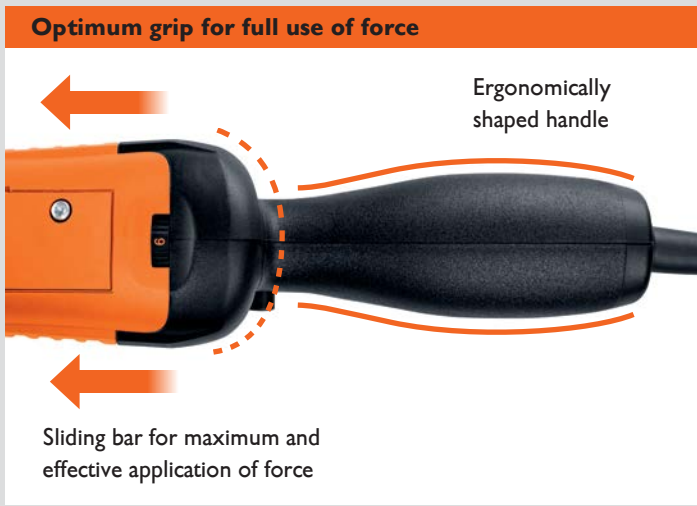
- ▶ Ideal grip position for effortless working.
- ▶ Non-slip hold increases safety.
- ▶ Safe grip and guidance even when wearing welder's gloves.
- ▶ Electronic speed setting can be perfectly pre-selected with the thumb.



FEIN ERGOGRIP
 ▶ Maximum contact between handle and palm.
 ▶ Energy-saving and effective.

▶ Available with lockable switch and dead man's switch which has to be continuously actuated.

▶ Switch on/off easily with two fingers without changing grip.



Optimum grip for full use of force

Ergonomically shaped handle

Sliding bar for maximum and effective application of force

The new generation of FEIN grinders with ERGOGRIP



Die grinder with FEIN ERGOGRIP GSZ 11-320 PERL



Compact angle grinder with FEIN ERGOGRIP WSG 17-125 PRT

Improved hold, improved safety: the new FEIN compact angle grinders with FEIN ERGOGRIP.

Because the motors of the durable, robust angle grinders are designed for maximum speed and torque under load and have a very high copper content, you can remove considerably more material than with comparable angle grinders, saving you time, effort and costs.



Easy maintenance

- ▶ Two service covers for rapid carbon brush changes.

High-power motor

- ▶ FEIN motor with high copper content for maximum output, more suited to continuous use and overload.
- ▶ New air guide for optimum airflow.
- ▶ POWERtronic (Power/Inox): Soft start, restart protection, blockage monitoring.

Solid metal gearbox head




- ▶ Extremely robust and durable.
- ▶ No plastic parts.
- ▶ Wear-resistant safety hood adjustment.



Even when gloves are worn, the FEIN compact angle grinders with ERGOGRIP fit comfortably in the hand and are easy to grip and guide. The secure grip not only improves efficiency, it also makes the tool safer to work with.

Hands on: three equipment options – always a good choice.

FEIN angle grinders with FEIN ERGOGRIP.

Technical data	Solid	Power						Inox	
									
	Ergonomic compact angle grinder for deburring, grinding and cutting.	Ergonomic compact angle grinder with high power reserve for effective grinding and cutting.						The specialist tool with variable speed for stainless steel processing.	
Model	WSG 11-125 RT	WSG 15-125 PR*	WSG 15-125 PRT	WSG 17-125 PR*	WSG 17-125 PRT	WSG 17-150 PR*	WSG 17-150 PRT	WSG 17-70 Inox R*	WSG 17-70 Inox RT
Grinding disc diameter mm	125	125	125	125	125	150	150	125	125
Power consumption W	1,100	1,500	1,500	1,700	1,700	1,700	1,700	1,700	1,700
Power output W	700	900	900	1,000	1,000	1,000	1,000	1,000	1,000
Idling speed rpm	11,000	11,000	11,000	11,000	11,000	8,500	8,500	2,700-8,500	2,700-8,500
Length of cable with plug m	4	4	4	4	4	4	4	4	4
Weight according to EPTA kg	2.4	2.4	2.4	2.4	2.4	2.6	2.6	2.5	2.5
Overall length mm	405	405	405	405	405	415	415	415	415
Vibration value (roughing-down) m/s ²	7.9	5.9	5.9	5.9	5.9	5.0	5.0	3.4	3.4
Vibration value (sanding sheet) m/s ²	1.5	2.1	2.1	2.1	2.1	1.6	1.6	1.6	1.6
Equipment									
Solid metal gearbox head	•	•	•	•	•	•	•	•	•
Spindle lock	•	•	•	•	•	•	•	•	•
H07 industrial cable	•	•	•	•	•	•	•	•	•
Removable, anti-twist safety hood	•	•	•	•	•	•	•	•	•
POWERtronic	-	•	•	•	•	•	•	•	•
Restart protection	-	•	•	•	•	•	•	•	•
Soft start	-	•	•	•	•	•	•	•	•
Blockage monitoring	-	•	•	•	•	•	•	•	•
Electronic overload protection	-	•	•	•	•	•	•	•	•
Electronic speed preselection	-	-	-	-	-	-	-	•	•
Dead man's switch which has to be continuously actuated	•	-	•	-	•	-	•	-	•
Scope of supply	1 safety hood, 1 pair of flanges, 1 extra handle, 1 wrench	1 safety hood, 1 pair of flanges, 1 anti-vibration handle, 1 wrench						1 safety hood, 1 pair of flanges, 1 anti-vibration handle, 1 wrench	
Order number	7 221 87 60	7 221 90 60	7 221 91 60	7 222 18 60	7 222 19 60	7 222 20 60	7 222 21 60	7 222 22 60	7 222 23 60

* = can be locked; P = POWERtronic, R = Rat-Tail (FEIN ERGOGRIP), T = dead man's switch

Selected models may be unavailable in some countries, please contact the country or visit the FEIN website for further details



FEIN genuine accessories

Safety hood



Width	Order number
115 mm	3 18 10 299 00 0
125 mm	3 18 10 300 00 0
150 mm	3 18 10 301 00 0

Safety hood for cutting work



Width	Order number
115 mm	6 38 11 016 01 0
125 mm	6 38 11 017 01 0
150 mm	6 38 11 018 01 0

Anti-vibration handle

M 8, vibration absorbing, to reduce vibrations during longer jobs.



Order number	3 21 19 124 01 0
--------------	------------------

Inner flange



Order number	6 38 01 120 00 6
--------------	------------------

Outer flange

M 14, for roughing discs, cutting wheels, serrated grinding discs and round twist brushes.



Order number	6 38 02 052 00 0
--------------	------------------

Fixtec tool-free quick-clamping nut

M 14, to change discs without need for tool, low height of just 8 mm.



Order number	6 38 02 191 01 0
--------------	------------------

Threaded flange

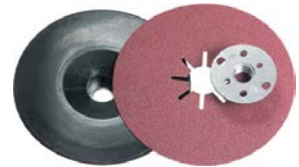
M 14, for elastic backing pads and tapered twist brushes.



Order number	6 38 01 154 00 7
--------------	------------------

Elastic backing pad

with M 14 flange, for fibre grinding sheet diameter of 125 mm.



Order number	6 38 06 087 01 3
--------------	------------------

Tool case

Plastic, inner dimensions: 470 x 275 x 116 mm



Order number	3 39 01 118 01 0
--------------	------------------

Plastic box

Case insert with lockable lid for small parts and accessories, suitable for tool case 3 39 01 118 01 0, max. 5 per case.



Order number	3 39 01 119 00 0
--------------	------------------

Reach into every last corner: our FEIN die grinders.

The ergonomic FEIN die grinders are suited to all important steel and stainless steel applications. Their adapted shape and superior plunge depth allow you to grind and polish with ease, even in difficult-to-reach spots.

As well as outstanding features such as 1010 watts of power, metal dust protection for the armature and electronics and easily accessible speed control, the GSZ 11 also benefits from the innovative grip concept.

Extra long collar bearing

- ▶ One of the largest plunge depths, up to 173 mm.
- ▶ Longer grip surface for more comfortable working.
- ▶ Interchangeable collar bearing casing.

FEIN ERGOGRIP


- ▶ Ergonomic grip concept.
- ▶ For efficient working and minimal fatigue.
- ▶ Safe grip and guidance even when wearing welder's gloves.

Innovative collets

- ▶ All-round protection against damage to the workpiece.
- ▶ Wrench will not slide off.





Technical data		GSZ 4		GSZ 8	
		 <p>Extremely ergonomic, high plunge depth, slimline housing.</p>		 <p>Ergonomic, powerful.</p>	
Model		GSZ 4-280 EL	GSZ 4-90 EL	GSZ 8-280 P	GSZ 8-280 PE
Equipment line		-	-	-	-
Power consumption	W	350	350	750	750
Power output	W	170	170	400	400
Idling speed	rpm	13,000 - 28 000	3,500-8,500	28,000	8,500-28,000
Cable with plug	m	5	5	4	4
Weight according to EPTA	kg	1.5	1.5	1.4	1.4
Collar diameter	mm	43	-	43	43
Max. collet diameter	mm	6	6	8	8
Max. grinding wheel diameter	mm	20	20	45	50
Max. cutter diameter	mm	12	12	12	12
Max. polisher diameter	mm	-	50 x 10	-	-
Overall length	mm	387	387	283	283
Vibration values of mounted point, 25 mm diameter	m/s ²	4.8	1.0	4.7	4.7
Vibration values of grinding disc, 50 mm diameter	m/s ²	-	-	-	7.9
Vibration value when polishing	m/s ²	-	1.5	-	-
Equipment					
H07 industrial cable		•	•	•	•
POWERtronic tachometer electronics		-	-	•	•
Electronic speed preselection		•	•	-	•
Interchangeable collar bearing cover (rubber)		•	•	-	-
Scope of supply		1 collet 6 mm, 1 open-ended spanner, WAF 13, 1 open-ended spanner, WAF 17		1 collet 6 mm, 1 open-ended spanner, WAF 13, 1 open-ended spanner, WAF 17	
Order number		7 223 24 60	7 223 25 60	7 223 16 60	7 223 17 60

P = POWERtronic, E = Variable speed, R = Rat tail (FEIN ERGOGRIP), L = Long collar bearing

FEIN die grinders are ideal for deburring and grinding in difficult-to-reach spots.



The versatile FEIN die grinders are also suitable for effortless polishing of stainless steel surfaces.



GSZ 8



Ergonomic, high plunge depth, powerful.

GSZ 8-280 PL

GSZ 8-280 PEL

GSZ 8-90 PEL

–	–	–
750	750	710
410	410	420
28,000	8,500-28,000	2,500-9,000
4	4	4
1.8	1.8	1.8
43	43	43
8	8	8
45	50	50
12	12	12
–	–	80
410	410	410
5.3	5.3	1.9
–	11.4	2.9
–	–	2.9
•	•	•
•	•	•
•	•	•
•	•	•

1 collet 6 mm,
1 open-ended spanner, WAF 13, 1 open-ended spanner, WAF 17

7 223 18 60

7 223 19 60

7 223 20 60

GSZ 11



Ergonomic, high plunge depth, extremely powerful.

GSZ 11-320 PRL

GSZ 11-320 PERL

GSZ 11-90 PERL

FEIN ERGOGRIP		
1010	1010	1010
620	620	620
32,500	9,500-32,500	2,900-9,900
4	4	4
2.1	2.1	2.2
43	43	43
8	8	8
45	45	50
12	12	12
–	–	80
526	526	526
9.7	9.7	1.5
–	–	4.5
–	–	3.1
•	•	•
•	•	•
–	•	•
•	•	•

1 collet 8mm,
1 open-ended spanner, WAF 13,
1 open-ended spanner, WAF 17

7 223 21 60

7 223 22 60

7 223 23 60

Selected models may be unavailable in some countries, please contact the country or visit the FEIN website for further details

The FEIN die grinder range for every challenge.

GSZ 4 – extremely ergonomic, high plunge depth, slimline housing.

The GSZ 4 models are extremely ergonomic die grinders with a large plunge depth of up to 173 mm for light grinding and polishing work in very difficult-to-reach spots.



GSZ 8 – ergonomic, high plunge depth, powerful

The GSZ 8 models are ergonomic, powerful die grinders with a large plunge depth of up to 173 mm for grinding and polishing work in difficult-to-reach spots.



GSZ 11 – ergonomic, high plunge depth, extremely powerful

The GSZ 11 models with FEIN ERGOGRIP are ergonomic, extremely powerful die grinders with a large plunge depth for heavy-duty grinding and polishing work.



**FEIN. Unverwüstliche
Elektrowerkzeuge.**



FEIN. Durable power tools.

Collets for GSZ 4, GSZ 8, GSZ 11



Collets

With all-round flange to protect the workpiece and prevent the wrench sliding off during tool changes.

Diameter	Order number
3 mm	6 32 07 130 00 0
6 mm	6 32 07 128 00 0
8 mm	6 32 07 129 00 0
1/4 in	6 32 07 131 00 0



Inox collets

Stainless steel model, with all-round flange to protect the workpiece and prevent the wrench sliding off during tool changes.

Diameter	Order number
3 mm	6 32 07 132 00 0
6 mm	6 32 07 133 00 0
8 mm	6 32 07 134 00 0
1/4 in	6 32 07 135 00 0

Your specialist dealer will be happy to help.

DE: C. & E. Fein GmbH, Telefon 07173 183-0, www.fein.com
AE: FEIN Middle East FZE, Tel. 04 8861168, www.fein.ae
Asia: FEIN Power Tools Asia Limited, A1, Phone 2341-1026, www.fein.asia
AU: Tooltechnic Systems (AUST) Pty LTD, Phone 03 87959291, www.fein.com.au
EE/LT/LV: Ota-Tuote Oy, Phone 00358 9 5499 2400, www.otatuote.com

IN: FEIN Power Tools India Pvt. Ltd.,
Phone 044-43 578 680, www.fein.in
SA: Mimar for Construction Tools & Trading Ltd.,
Phone 02 6686888, www.fein.ae

