

METAL

FEIN compact angle grinders
► WS 14

**FEIN. Powered by
innovation.**



More than reliable



FEIN WS 14: The new generation in compact angle grinders

WS 14 doesn't just describe one single product but a whole product family: the new generation of compact angle grinders. FEIN WS 14 compact angle grinders not only combine extraordinary robustness, maximum performance and outstanding ergonomics, the different equipment variants also satisfy the user's individual requirements.

The new WS 14 series is made up of two kinds of models; firstly five angle grinders with a classic On/Off switch and then two special 'safety angle grinders' with TipStart operations which are fitted with extra functions like AutoStop and the electronic EBS brake.



The powerful and reliable angle grinders for industry and manual trades

All FEIN WS 14 compact angle grinders are characterised by extreme robustness, performance, manageability and safety. The low-maintenance HIGH-POWER-MOTOR delivers an impressive high grinding capacity and allows you to work in a way that preserves the discs. The very long service life of the WS 14 models is the result of a number of special technical features that distinguish these FEIN products. Such features include the dimensionally stable motor and drive head unit and therefore the distortion-

resistant mounting of the field coil and armature, the self-supporting motor design and extra wide commutators for improved temperature distribution and an optimised flow of cool air for a high air throughput. Alongside its absolute reliability, the FEIN WS 14 series also has an attractive compact design. The particularly ergonomic shape, resulting from the way in which the motor is perfectly positioned in the housing, enables fatigue-free working with little effort.

1. Powerful



FEIN angle grinders aren't just popular due to their tremendous robustness but also their unbeatable torque and high grinding capacity.

2. Easy-to-use



One characteristic of the FEIN WS 14 angle grinder is its unique ease of operation. This is most appreciated in continuous use.

3. Safe



When safety is paramount – FEIN angle grinders with AutoStop and electronic brake system.

4. Close-to-user



The adjustable speed range of 2500/min – 7000/min makes the WSG 14-70 E a universal angle grinder (for machining stainless steel for example).

An overview of the FEIN WS 14 compact angle grinders

FEIN WSS 14 / WSG 14.

The whole range of grinding applications

An individual range of equipment and possible applications. No matter whether you opt for a 1200-watt compact angle grinder with 125 mm or 150 mm disc diameter, whether you are won over by the comfortable and proven tool-free FEIN QuickIN rapid clamping system or only the variants with electronic speed adjustment are of interest to you: FEIN's WS 14 compact angle grinder model series are always the right choice for applications needing absolute reliability and maximum performance.

FEIN WSB 14.

Zero-compromise safety

The 'switch-free' FEIN TipStart operating concept with AutoStop function delivers the level of safety needed when it counts. Working with the electronic brake system (EBS), the disc stops in just 3 seconds after the button has been released, thereby preventing dangerously long overrun periods. The innovative light conductor switching concept and the dust-proof arrangement of the four button units dramatically extends this angle grinder's service life yet again.



Model	WSG 14-125	WSG 14-125 S	WSG 14-150	WSG 14-70 E	WSS 14-125	WSB 10-115 T	WSB 14-125 T	
	Zero-compromise performance and handling, for all flexible roughing and cutting work	Optimum power/weight ratio and high grinding capacity at low speeds, e.g. for machining stainless steel	For larger disc diameters and therefore cost-effective applications in continuous use	The electronic speed adjustment makes the unit suited for universal applications with a wide range of accessories, even ideal for stainless steel	Faster disc changes and more secure seating for grinding discs with the QuickIN quick clamping system, for longer periods of use	Extremely easy to operate for deburring and grinding; safe thanks to AutoStop and EBS	Power for working and EBS for braking – an ideal combination of safety and performance	
Equipment						With safety equipment	With safety equipment	
FEIN HIGH-POWER MOTOR	▲	▲	▲	▲	▲	▲	▲	
Soft start	▲	▲	▲	▲	▲	▲	▲	
Restart lock	▲	▲	▲	▲	▲	▲	▲	
Integrated safety hood	▲	–	–	–	▲	▲	▲	
Electronic speed control	–	–	–	▲	–	–	–	
FEIN QuickIN rapid clamping system	–	–	–	–	▲	▲	▲	
FEIN TipStart switch concept	–	–	–	–	–	▲	▲	
FEIN AutoStop	–	–	–	–	–	▲	▲	
FEIN EBS brake system	–	–	–	–	–	▲	▲	
Technical data								
Max. disc Ø	mm	125	125	150	125	125	115	125
Power consumption	W	1200	1200	1200	1200	1200	800	1200
Power output	W	750	750	750	750	750	550	750
Idling speed	1/min	10000	7000	7000	2500–7000	10000	10000	10000
Cable with plug	m	4	4	4	4	4	4	4
Weight	kg	2.0	2.1	2.2	2.2	2.1	1.8	2.1
Order number		7 221 41	7 221 44	7 221 42	7 221 43	7 221 40	7 221 46	7 221 47

Recommended accessories	
Anti-vibration handle	Suitable for all FEIN WS 14 compact angle grinders. For a noticeable reduction in vibrations during longer jobs.
Order number	3 21 19 119 01 7

The new specialist tools from a specialist brand: FEIN WS 14

FEIN is the specialist for professional and extremely reliable power tools and special solutions for metal, interior construction and automotive applications. For more than 140 years, FEIN has been developing innovative and unbeatably efficient and practical solutions which also stand up to the toughest continual use in industrial and trade applications.

We use this unique experience to provide our users with customised power tools that give them real benefits in their day-to-day work. One example is the new FEIN WS 14 compact angle grinders that are perfectly matched to your needs.



**FEIN. Powered by
innovation.**



**Do you have any further questions?
Or do you want to test the new WS 14?**

Your specialist supplier will be happy to help.

Germany: C. & E. FEIN GmbH, Hans-Fein-Str. 81, 73529 Schwäbisch Gmünd-Bargau

Great Britain: FEIN Industrial Power Tools UK Ltd., 4 Badby Park,
Heartlands Business Park, Daventry, Northants NN11 5YT, Tel. 01327 308730

USA: FEIN Power Tools Inc., 1030 Alcon Street, Pittsburgh, PA 15220,
Tel. 1-412-922-8886, Toll Free: 1-800-441-9878

Canada: FEIN Canadian Power Tool Company, 323 Traders Blvd. East, Mississauga,
Ontario L4Z 2E5, Tel. 905 890-1390, Toll Free: 1-800-265-2581
FEIN Quebec Ltee, 2810 De Miniac, St. Laurent, Quebec H4S 1K9, Tel. 514 331-7390,
Toll Free: 1-800-789-8181

Australia: FEIN Power Tools Pty. Ltd., Unit 7/55 – 61 Pine Road,
Yennora N.S.W. 2161; P.O. Box 328, Fairfield N.S.W. 1860, Tel. 1300 798 688

South Africa: FEIN Power Tools South Africa cc., 1st Floor Delpark House, 77 Fifth
Street, Wynberg, 2090 Johannesburg, P.O. Box 1411, Bramley 2018, Tel. 011 444 2228

sales@fein-uk.co.uk
www.fein-uk.co.uk
www.fein.com