

The new FLEX angle grinders

Power, endurance and top performance for any application

Crucial advancements in technology.

Why you can expect more from a FLEX.



Hermann Schmitt, Hermann Ackermann Company founders and inventors of the angle grinder

There is a good reason why FLEX angle grinders are so superior in terms of their quality and equipment: FLEX invented angle grinding and became so famous for having done so that it has become a synonym for the entire technology in Germany, where the company has its roots. No other company has spent so long, worked more intensively or enjoyed more success in the continuous further development of the angle grinder.

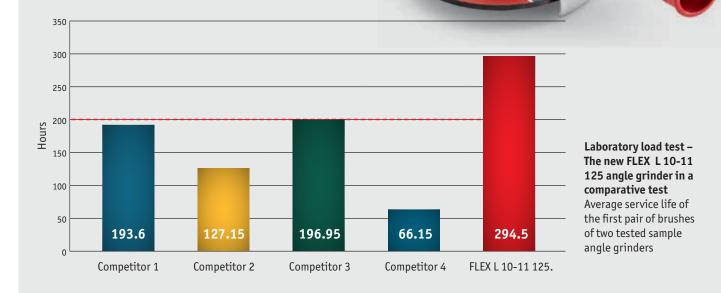
The original product doesn't just win over customers through its long history, but also through innovation, resulting in a key edge over competitors in terms of practicality, safety and ease of use.

Today the FLEX name is known by professionals the world over for outstanding performance, perfect handling and a perfectly matched range for every conceivable application. This applies in particular to the original angle grinder.



FLEX)

The endurance champion. Up to 40% longer runtime proven in tests!



Innovation down to the very last detail



Restart protection

Prevents the tool from accidentally starting up after a power failure.



Soft start

Greater occupational safety and improved handling through gentle increase in speed.



Overheating protection Sensor-controlled temperature monitoring: The tool switches off when the grinder is in danger of overheating.



CDC constant-speed electronics

A tachogenerator prevents the speed decreasing when under load.









Long-life motor

Newly developed generation of motors. Heavy duty, with optimised ventilation and brush geometry for a long service life.



Overload protection

The tool switches off in the event of an overload.

Always the right choice. The original

	1	L8-11		×.	
Material	Application/data	115/125	LE 9-11 125	L 10-11 125	L 14-11 125
	Disc Ø mm	115 / 125	125	125	125
	Power (watts)	800	900	1050	1400
	Speed (rpm)	11 500	6000 - 11 500	11 500	11 500
	Brake				
	Adjustable		Yes		
			1		
	Rough grinding discs				
	Cutting discs*				
Steel	Surface grinding discs				
black, galvanised,	Surface grinding Velcro discs				
not tempered	Surface grinding fibre discs				
	Cup-type disc brushes**				
CASH . A SHARE	Paint-removal and cleaning discs**				
	Cutting discs*				
	Surface grinding discs				
Steel	Surface grinding Velcro discs				
corrosion-resistant/	Surface grinding fibre discs				
INOX	Cup-type disc brushes**				
	Paint-removal and cleaning discs**				
	Polishing discs, polishing fleeces etc.				
	1	I			1
	Rough grinding discs				
	Cutting discs*				
Cast steel	Surface grinding discs				
	Surface grinding fibre discs				
	1				1
	Cutting discs*				
	Surface grinding discs				
Non-ferrous metals, plastics	Surface grinding Velcro discs				
plastics	Paint-removal and cleaning discs**				
	Polishing discs, polishing fleeces etc.				
	Diamond cutting discs				
Concrete, ceramic, natural and artificial	Diamond cup-shaped discs				
stone and sandstone					

Note:

- * A diamond disc is required for cutting; a special cutting guard is required when resin-bonded discs are used.
- ** Max. rpm as stated by the brush manufacturer, bear in mind the heat generation when working with INOX.

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LE 14-11 125	LE 14-7 125 INOX	L 3406 VRG	L 15-10 150	LB 17-11 125	LBE 17-11 125	L 125 18.0-EC	L 21-8 180 L 21-6 230	L 24-6 230	L 26-6 230
125	125	125	150	125	125	125	180 / 230	230	230
1400	1400	1400	1500	1700	1700	18 V	2100	2400	2600
2800 - 11 500	2100-7500	2100 - 11 500	10 000	11 500	2800-11 500	8500	8500 / 6500	6500	6500
				Yes	Yes				
Yes	Yes	Yes			Yes				

suitable

The class up to 1000 watt – extremely light and easy to handle



The best equipment on the market

The new 800 watt class impresses with its compact design and variety of possible applications. The tool has characteristics which are justly valued in a FLEX tool: rugged design and durability with optimal performance. Exactly what you would expect from a FLEX!

115 / 125 mm
11 500 rpm
880 watts
460 watts
M 14
4.0 m
2.0 kg



FLEX

800 watt angle grinder

- Microprocessor electronics: Soft start, restart protection after a power failure, overload protection
- Motor: heavy duty, highly efficient motor for a powerful performance
- Longer service life thanks to optimised cooling and modified brush geometry
- Comprehensive dust protection for motor and gears
- Extremely light and easy to handle
- Compact, slim and ergonomic shape
- Anti-kickback feature switches off the motor if the disc jams
- Spindle lock
- Guard hood with tool-free adjustment
- Lockable slide switch
- with precisely defined action point
- Additional handle

L 8-11 115 / 125 800 watt angle grinder

Designation	Order no.	Price excl. VAT
L 8-11 115	458.341	€79.00
L 8-11 125	458.333	€79.00

FLEX

900 watt angle grinder with variable speed

For construction work, on a building site or for metalworking in the workshop: the 900 watt all-rounder masters any challenge encountered during routine work reliably and effortlessly.



TECHNICAL DATA LE 9-11 125	
Max. disc Ø	125 mm
No-load speed	6000-11 500 rpm
Power consumption	900 watts
Power output	600 watts
Tool holder	M 14
Cable length	4.0 m
Weight	2.0 kg

900 watt angle grinder, multi-functional, 125 mm

- Variable speed adjustment (6 settings)
- Microprocessor control: with tachogenerator for constant-speed control, speed control, soft start, restart protection after power failure, overload protection
- Motor: heavy duty, highly efficient motor for a powerful performance
- Longer service life thanks to optimised cooling and modified brush geometry
- Comprehensive dust protection for motor and gears
- Extremely light and easy to handle
- Compact, slim and ergonomic shape
- Anti-kickback feature switches off the motor if the disc jams
- Spindle lock
- Guard hood with tool-free adjustment
- Lockable slide switch
- Universal angle grinder for steel/metalworking, construction/renovation, car bodywork and construction and assembly companies
- Additional handle
- Also available in the practical L-BOXX[®]



LE 9-11 125

Designation	Order no.	Price excl. VAT
LE 9-11 125	436.291	€119.00
LE 9-11 125 L-BOXX	436.739	€149.00



The premium class in the 1000 watt segment

The new 1050 watt angle grinder combines durability, optimum quality and performance with a compact design and high level of robustness. The angle grinder comes with topclass features which FLEX customers value and which are very rare in this market segment.

Soft Start

TECHNICAL DATA LE 10-11 125	
Max. disc Ø	125 mm
No-load speed	11 500 rpm
Power consumption	1050 watts
Power output	650 watts
Tool holder	M 14
Cable length	4.0 m
Weight	2.0 kg

FLEX E



- Microprocessor control with soft start, restart protection after power failure, temperature monitoring, CDC constant-speed control
- Motor: heavy duty, highly efficient motor for a powerful performance
- Longer service life thanks to optimised cooling and modified brush geometry
- Comprehensive dust protection for motor and gears
- Extremely light and easy to handle
- Compact, ergonomic design
- Anti-kickback feature switches off the motor if the disc jams
- Spindle lock
- Guard hood with tool-free adjustment
- Additional handle



L 10-11 125

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Designation	Order no.	Price excl. VAT
L 10-11 125	447.552	€109.00

The 1400 / 1500 watt class – heavy duty with a high level of efficiency



1400 watt angle grinder The rugged "all-rounders"

The new 1400 watt angle grinders leave nothing to be desired. Optimum performance and quality, combined with compact design, robustness and top-class features. High overload capability for heavy duty tasks as well. Comfortable to use thanks to vibration-damped SoftVib additional handle with integrated clamping nut wrench. Also available with variable speed setting.

TECHNICAL DATA L 14-11 125 / LE 14-11 125				
Max. disc Ø	125 mm			
No-load speed	11 500 / 2800-11 500 rpm			
Power consumption	1400 watts			
Power output	880 watts			
Tool holder	M 14			
Cable length	4.0 m			
Weight	2.3 kg			



1400 watt angle grinder

- Microprocessor control with soft start, restart protection after power failure, temperature monitoring, CDC constant-speed control, speed control (only for LE 14-11 125)
- Motor: heavy duty, highly efficient motor for a powerful performance
- Longer service life thanks to optimised cooling and modified brush geometry
- Comprehensive dust protection for motor and gears
- Compact, ergonomic design
- Anti-kickback feature switches off the motor if the disc jams
- Spindle lock
- Guard hood with tool-free adjustment
- Lockable slide switch
- SoftVib handle with integrated, patented clamping nut wrench and vibration damping

L 14-11 125 LE 14-11 125

Designation	Order no.	Price excl. VAT
L 14-11 125	447.560	€149.00
LE 14-11 125	447.587	€169.00

SoftVib

INOXFLEX, the "stainless steel specialist"

EX So,

1400 watt INOXFLEX – the specialist for stainless steel and alloyed steels provides precisely matched speeds to prevent the heat generated from tarnishing and warping the material.

Soft Start

TECHNICAL DATA L 3406 VRG	
Max.discØ	125 mm
Max. polishing pad Ø	160 mm
No-load speed	2100-7500 rpm
Power consumption	1400 watts
Power output	880 watts
Tool holder	M 14
Cable length	4.0 m
Weight	2.4 kg



Speed Selection







With FLEX SoftVib handle

1400 watt INOXFLEX

- Microprocessor control: speed selection, tachogenerator for constant-speed control, soft start, restart protection after power failure, overload protection and temperature monitoring
- Motor: heavy duty, highly efficient motor for a powerful performance
- Special gearbox: special gear reduction provides high torque in the medium and lower speed range. Prevents heat-induced tarnishing and warping
- Fully encapsulated electronic components prevent dust damage, the triple winding protection reduces motor wear and extends service life
- SoftVib handle reduces the vibrations in the handle by up to 60% compared to a side handle without vibration damping
- FixTec quick release clamping nut for a quick tool change
- Guard hood with tool-free adjustment
- Single-pole switch
- Spindle lock



LE 14-7 125 INOX

Designation	Order no.	Price excl. VAT
LE 14-7 125 INOX	406.546	€255.00

The specialist for grinding work

Powerful 1400 watt angle grinder with ergonomic handle and variable speed selection specially designed for a variety of sanding tasks and work involving brush attachments. The slim, rear handle is particularly easy to grip making the grinder less tiring for the operator to use. Includes FixTec quick-release clamping nut for a quick tool change.

TECHNICAL DATA L 3406 VRG	
Max. disc Ø	125 mm
Max. polishing pad Ø	160 mm
No-load speed	2100-7500 rpm
Power consumption	1400 watts
Power output	880 watts
Tool holder	M 14
Cable length	4.0 m
Weight	2.2 kg



L 3406 VRG

Designation	Order no.	Price excl. VAT
L 3406 VRG	406.503	€245.00

- Lightweight, ergonomic design with slim handle
- Multi-functional tool for sanding and polishing thanks to continuously adjustable speed
- SoftVib handle with integrated, patented clamping nut wrench and vibration damping
- Guard hood with tool-free adjustment
- Spindle lock
- FixTec quick release clamping nut for a quick tool change



The specialist for all roughing and grinding work with 150 mm disc

Powerful 1500 watts with ergonomically shaped handle. Ideal for roughing and grinding work, particularly with fibre discs. The slim, rear handle with Soft-Grip insert is particularly easy to grip, making the grinder less tiring for the operator to use over extended periods.

TECHNICAL DATA L 15-10 150	
Max. disc Ø	150 mm
No-load speed	10 000 rpm
Power consumption	1500 watts
Power output	880 watts
Tool holder	M 14
Collar diameter	45 mm
Cable length	4.0 m
Weight	3.6 kg





L 15-10 150

1500 watt angle grinder

Designation	Order no.	Price excl. VAT
L 15-10 150	447.609	€175.00

- Microprocessor control with soft start, restart protection after power failure, overload protection
- Motor: heavy duty, highly efficient motor for a powerful performance
- Comprehensive dust protection for motor and gears
- Guard hood with tool-free adjustment
- Rear shaft handle with soft insert for secure grip, suitable for continuous use
- Spindle lock
- Additional handle

The 1700 watt class For powerful performance

FLEX

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with mechanical brake

The high-quality, powerful angle grinder for cutting, roughing down and grinding convinces with its sophisticated electronics, outstanding performance and high level of efficiency. Moreover, optimised cooling and modified brush geometry give the tool a long service life even when operating under high loads.

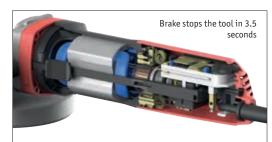
TECHNICAL DATA	LB 17-11 125	LBE 17-11 125
Max. disc Ø	125 mm	125 mm
No-load speed	11 500 rpm	2800 - 11 500 rpm
Power consumption	1700 watts	1700 watts
Power output	1050 watts	1050 watts
Tool holder	M 14	M 14
Cable length	4.0 m	4.0 m
Weight	2.6 kg	2.6 kg



LB 17-11 125 1700 watt angle grinder

- High-quality, powerful angle grinder for cutting, roughing down and grinding
- Motor: heavy duty, highly efficient motor for a powerful performance
- Longer service life thanks to optimised cooling and modified brush geometry
- Comprehensive dust protection for motor and gears
- With mechanical brake, stops the tool in 3.5 seconds
- Compact, slim and ergonomic shape
- Guard hood with tool-free adjustment
- Lockable slide switch
- SoftVib handle with integrated, patented clamping nut wrench and vibration damping
- Anti-kickback feature switches off the motor if the disc jams

LBE 17-11 125 1700 watt angle grinder also with variable speed





LB 17-11 125 LBE 17-11 125 1700 watt angle grinder

Designation	Order no.	Price excl. VAT
LB 17-11 125	447.625	€189.00
LBE 17-11 125	447.668	€209.00

The class above 2000 watts – pure power and impressive performance



3

2100 watt angle grinder

The rugged all-rounder

Powerful 2100 watt motor for heavy cutting and roughing work, available with a disc diameter of 180 mm or 230 mm. Rear handle with Soft-Grip inserts and housing dampers for enhanced comfort.

TECHNICAL DATA L 21-8 180 /	L 21-6 230
Max. disc Ø	180 / 230 mm
No-load speed	8300 / 6500 rpm
Power consumption	2100 watts
Power output	1250 watts
Tool holder	M 14
Collar diameter	64 mm
Cable length	4.0 m
Weight	5.2 / 5.4 kg

Soft Start SoftVib SoftVib 60% nth MANAGATANA ANA ANA Soft Start With FLEX SoftVib handle Without vibration damping

L 21-8 180 L 21-6 230

2100 watt angle grinder

Designation	Order no.	Price excl. VAT
L 21-8 180	392.782	€175.00
L 21-6 230	391.514	€165.00

- Rugged motor and gearbox housing: the stable and rugged steel gearbox and the spindle bearing protected by a metal cap increase reliability and service life.
- Ergonomically designed, very slim motor housing provides optimum quidance and handling, additional vibration damping is provided by a vibration damping ring between the ring between the motor housing and rear handle.
- SoftVib handle reduces vibrations, can be mounted in three positions
- Rear shaft handle with Soft-Grip insert for a secure grip
- Switch with safety catch and lock
- Soft start and restart protection after a power failure
- Side caps for simple brush change
- Spindle lock
- Guard hood with tool-free adjustment
- L 21-8 230: Cutting disc guard cover (446.178) available as optional extra
- L 21-6 230: Cutting disc guard (389.625) available as optional extra

The rugged all-rounder with more power

When more power is required! 2400 watt power motor for heavy cutting and roughing work. Soft-Grip inserts in rear handle for greater comfort.

TECHNICAL DATA L 24-6 230	
Max. disc Ø	230 mm
No-load speed	6500 rpm
Power consumption	2400 watts
Power output	1450 watts
Tool holder	M 14
Collar diameter	64 mm
Cable length	4.0 m
Weight	5.8 kg
5	-



2400 watt angle grinder

- Rugged motor and gearbox housing: the stable and rugged steel gearbox and the spindle bearing protected by a metal cap increase reliability and service life.
- Ergonomically designed, very slim motor housing provides optimum guidance and handling.
- SoftVib handle reduces vibrations, can be mounted in three positions
- Rear shaft handle with Soft-Grip insert for a secure grip
- Switch with safety catch and lock
- Soft start and restart protection after a power failure
- Side caps for simple brush change
- Spindle lock
- Guard hood with tool-free adjustment
- Cutting disc guard or cutting disc guard cover available as optional extra

L24-6 230

Designation	Order no.	Price excl. VAT
L 24-6 230	391.522	€185.00





FLEX

2600 watt angle grinder



L 26-6 230

2600 watt angle grinder

Designation	Order no.	Price excl. VAT
L 26-6 230	436.704	€255.00



Recommended accessory Carrying case TK-S L230/LD180

Designation	Order no.	Price excl. VA
TK-S L230/LD180	444.391	€59.60
		000

incl. SDS-CLIC Quick-clamp nut



2600 watt angle grinder – T-Rex

- Microprocessor control with soft start, restart protection after power failure, overload protection, CDC constant-speed control
- Anti-kickback feature switches off the motor if the disc jams
- Durable motor and gearbox housing. The stable and robust steel gearbox and the spindle bearing protected by a metal cap increase reliability and service life.
- Motor: heavy duty, highly efficient motor for a powerful performance
- Vibration damping ring between motor housing and rear handle provides additional damping
- SoftVib handle reduces vibrations, can be mounted in three positions
- Rear shaft handle with soft padding for secure grip. The handle can be rotated by 90° to the left or right to achieve the best possible working position
- Spindle lock
- Cover cap can be removed for simple brush changes
- Guard hood with tool-free adjustment
- Cutting disc guard, optional extra (order no. 389.625)

TECHNICAL DATA L 26-6 230	
Max. disc Ø	230 mm
No-load speed	6500 rpm
Power consumption	2600 watts
Power output	1800 watts
Tool holder	M 14
Collar diameter	64 mm
Quick-clamp nut	M 14 SDS-CLIC
Cable length	4.0 m
Weight	6.35 kg

ACCUFLEX angle grinder – cordless technology provides greater freedom!

18V EC angle grinder

125 mm with EC high-power motor – powerful and maintenance-free











Cordless angle grinder ACCUFLEX 18.0 V, 125 mm

- Electronic management system (EMS) protects the tool, extends its service life and increases efficiency
- Brushless motor with greater efficiency and a longer service life
- With soft start, overload protection and restart protection
- Winding has triple protection against dust. Reduces motor wear and extends service life. With protective cage on the winding end of the armature and reinforced winding on the armature
- Guard hood with tool-free adjustment
- Spindle lock
- Handle can be fitted on left or right



Brushless high-performance EC motor:



TECHNICAL DATA L 125 18.0-EC

Max. disc Ø	125 mm
No-load speed	8500 rpm
Battery voltage	18 V
Tool holder	M 14
Weight (without battery)	1.75 kg

L 125 18.0-EC

18V cordless angle grinder complete set

Designation	Order no.	Price excl. VAT
L 125 18.0-EC	461.725	€249.00
L 125 18.0-EC/5.0 Set	417.947	€459.00

Standard supply 461.725

- 1 disc guard 125 Ø grinding
- 1 handle
- 1 face spanner
- 1 clamping flange
- 1 clamping nut
- 1 carrying case L-BOXX[®] 136
- 1 case insert

417.947 additionally contains

- 2 rechargeable batteries 5.0 Ah AP 18.0/5.0
- 1 charger CA 10.8/18.0





	L 8-11 115 / 125, LE 9-11 125, L 10-11 125, L 14-11 125, LE 14-11 125, LE 14-7 125, L3406 VRG, L 15-10 150, LB / LBE 17-11 125			
Double-sided cutting guard not available for Ø 150 mm and Ø 180 mm	125 mm	437.069		
	L 3406 VRG, LE 14-7 125	409.774		
Cover can be retrofitted for cutting work	125 mm	446.041		
	150 mm	454.087	ips	
Extraction hood set to be installed on existing disc guard, not available for Ø 150 mm and Ø 180 mm	125 mm	445.479		
Disc guard with removable edge segment only recommended for angle grinders of 1400 W upwards, only for small surfaces, not intend- ed as a replacement for renovation sander	125 mm	452.572		
Quick-clamp nut not available for LB/LBE 17-11 125	FixTec M 14	313.459		
SoftVib handle not available for L 15-10 150, included with all large two-hand angle grinders	GS-M M8 SV	325.376		
SoftVib handle with integrated, patented face spanner not available for L 15-10 150 and all large two-hand angle grinders	GS-M M8 SV / S	316.857		
Diamond cutting disc for concrete not available for L 21-8 180	125 mm	349.046		
Diamond cutting disc for tiles	115 mm	349.011		
	125 mm	349.038	And Kinner	
Carrying case	L-BOXX [®] 136	414.085	a nex a	
	TK-S 1HD L-BOXX [®] insert for angle grinders	414.204		



More information about our range of angle and straight grinders is available from your trained specialist retailer or at www.flex-tools.com



FLEX-Elektrowerkzeuge GmbH Bahnhofstrasse 15 71711 Steinheim Germany www.flex-tools.com



Your FLEX retailer: