

**FEIN. Unverwüstliche  
Elektrowerkzeuge.**



## **The next generation:**

**The new FEIN cordless grinders with innovative POWERDRIVE motor.**



# Durable, powerful and robust: the new FEIN cordless angle grinders with innovative POWERDRIVE motor.

The new FEIN cordless angle grinders feature a major advance in technology: the next generation of the brushless FEIN POWERDRIVE motor. At the very heart of the tool, this motor delivers impressive durability and a very long service life. The fully enclosed motor housing protects the motor from dirt and dust and renders additional

protective measures on the tool unnecessary. While compatible with all FEIN batteries, when used with the new HIGHPOWER Li-ion battery, the motor delivers maximum performance. Thanks to its infinitely variable, electronic speed preselection it is also suited to numerous applications.

## Durable, brushless FEIN POWERDRIVE motor

fully encapsulated and maintenance-free.

## Powerful, 30% higher efficiency

compared with universal motors with a rated output of 1100 W.



## Maximum work progress

with FEIN HIGHPOWER Li-ion batteries. Cells capable of high currents with continually high power output. In addition, as the high power batteries have 75% higher current ratings than the Li-ion batteries, it allows the user to make up to 41% more cuts.\*

## Ideal for various applications

Optimum speeds, matched to a large number of abrasive materials and other materials using the infinitely variable, electronic speed preselection.

## Focus on user protection

- ▶ Brake for rapidly bringing wheel to a stop.
- ▶ Restart protection protects against switching back on unintentionally.
- ▶ Overload protection for electronics and motor.
- ▶ Soft start to evenly and safely power up the tool.

### Comfort switch with dead man function



### MultiVolt interface



### Non-slip handle area





## Always the right tool.

The new FEIN cordless angle grinders: mobile working in any location. The cordless variants make a multitude of tasks possible and thereby provide the right tool for any job. All versions of the innovative POWERDRIVE motor guarantee maximum power – with and without the dead man function. The FEIN cordless angle grinders are compatible with all FEIN battery variants and can be ordered individually as SELECT tools or in a set with the HIGHPOWER Li-ion battery.



### Technical data

Model	CCG 18-115 BL	CCG 18-125 BL	CCG 18-115 BLPD	CCG 18-125 BLPD
Battery voltage	V 18			
Battery capacity	Ah 5.2			
Battery compatibility	Li-ion/HIGHPOWER Li-ion*			
Idling speed	rpm 2 500 - 8 500			
Quick-clamping nut / flange	M14			
Grinding /cutting wheel diameter	mm 115	mm 125	mm 115	mm 125
Elastic Sanding pad Ø	mm 115	mm 125	mm 115	mm 125
Brake, electronic	Yes			
Dead man's switch	No	No	Yes	Yes
Weight with storage battery (EPTA)	kg 2.7			
<b>Order no. for SELECT</b>	<b>7 120 01 62 00 0</b>	<b>7 120 02 62 00 0</b>	<b>7 120 03 62 00 0</b>	<b>7 120 04 62 00 0</b>
<b>Included in price</b>	1 cordless angle grinder, 1 safety hood, 1 quick-clamping nut, 1 anti-vibration handle, 1 wrench, 1 plastic tool case			
<b>Order no. for set</b>	<b>7 120 01 61 24 0</b>	<b>7 120 02 61 24 0</b>	<b>7 120 03 61 24 0</b>	<b>7 120 04 61 24 0</b>
<b>Included in price</b>	1 cordless angle grinder, 2 storage battery packs (HIGHPOWER Li-ion), 1 ALG 50 rapid charger, 1 safety hood, 1 quick-clamping nut, 1 anti-vibration handle, 1 wrench, 1 plastic tool case			

\*Maximum performance with FEIN HIGHPOWER Li-ion battery

## Grinding is now more flexible than ever before.

The FEIN cordless grinders enable flexible working, and ensure a high grinding capacity. The fully encapsulated and brushless motor operates at a consistent speed and is powerful and durable.



## Compatible with all FEIN Li-ion batteries

thanks to MultiVolt interface.

## Plunges a long way

into workpieces thanks to its long, slim neck.

## Powerful, 30% higher efficiency

compared with universal motors with a rated output of 1100 W.

## Ideal for various applications

Optimum speeds for applications in stainless steel and black steel.

## Very smooth running and low-vibration working

due to brushless, independently mounted housing, which is decoupled from the motor.



# The FEIN cordless die grinders: specialists in grinding, brushing, deburring and polishing.



## Mobile working even in hard-to-reach places.

The new FEIN cordless die grinders guarantee very long service lives and are ideally suited to lots of different applications. The long collar bearing allows the tool to plunge a long way into workpieces and ensures flexible working even in hard-to-reach places. The next generation of FEIN POWERDRIVE motors with fully enclosed motor housing makes more effective working possible. Thanks to the infinitely variable speed preselection, rotational speeds can be perfectly matched to your grinding materials.



### Technical data

Model	AGSZ 18-280 BL	AGSZ 18-280 LBL	AGSZ 18-90 LBL	
				
Battery voltage	V	18		
Battery capacity	Ah	5.0		
Battery compatibility		Li-ion/HIGHPOWER Li-ion		
Idling speed	rpm	9 000 - 28 000		
Sanding wheel max. diameter	mm	50		
Max. collet diameter	mm	8		
Max. cutter diameter	mm	12		
Max. polisher diameter	mm	-	-	80
Weight without storage battery (EPTA)	kg	1.4	1.6	1.8
<b>Order no. for SELECT</b>	<b>7 123 01 62 00 0</b>	<b>7 123 02 62 00 0</b>	<b>7 123 03 62 00 0</b>	
<b>Included in price</b>	1 cordless die grinder, 1 collet (6 mm in diameter), 1 open-ended spanner (WAF 13), 1 open-ended spanner (WAF 17), 1 plastic tool case			
<b>Order no. for SET</b>	<b>7 123 01 61 00 0</b>	<b>7 123 02 61 00 0</b>	<b>7 123 03 61 00 0</b>	
<b>Included in price</b>	1 cordless die grinder, 2 storage battery packs (Li-ion), 1 ALG 50 rapid charger, 1 collet (6 mm in diameter), 1 open-ended spanner (WAF 13), 1 open-ended spanner (WAF 17), 1 plastic tool case			

## The new heart: the innovative FEIN POWERDRIVE motor.

The new FEIN POWERDRIVE motor with innovative technology concept delivers impressive output and robustness. The fully encapsulated motor is well away from the housing, and therefore ensures low-vibration working. It is free of wear, requires little maintenance, and is ideally protected from ceramic and mineral swarf. It is also fitted with a quick-stop function without a mechanical brake to protect the user. The low motor weight and long service life highlights FEIN's continuing technological innovation in the power tool industry.



### Requires no maintenance and experiences little wear

giving the machine a long life. No need to change carbon brushes.

### Very smooth running and low-vibration working

due to independently mounted motor decoupled from the housing and four additional vibration dampers.

### Quick-stop function

without mechanical brake.

### Innovative cooling ribs

for optimum heat dissipation, including monitoring of temperature in the motor's core to protect against overload.

### Speed stability

for significantly higher speed consistency at load compared to universal motors.

# FEIN HighPower technology.

The FEIN HighPower Li-ion battery with cells capable of handling high currents, ensuring constant results.

- ▶ Up to 41% more cuts.\*
- ▶ Good speed stability as the current rating is 75% higher.
- ▶ Fully compatible with all FEIN 18V cordless tools.
- ▶ FEIN SAFETYCELL Technology protects the battery and tool from overloading, overheating and total discharge.
- ▶ Weighing just 700 grams it is lighter and smaller than competitor storage batteries, capable of handling high currents.



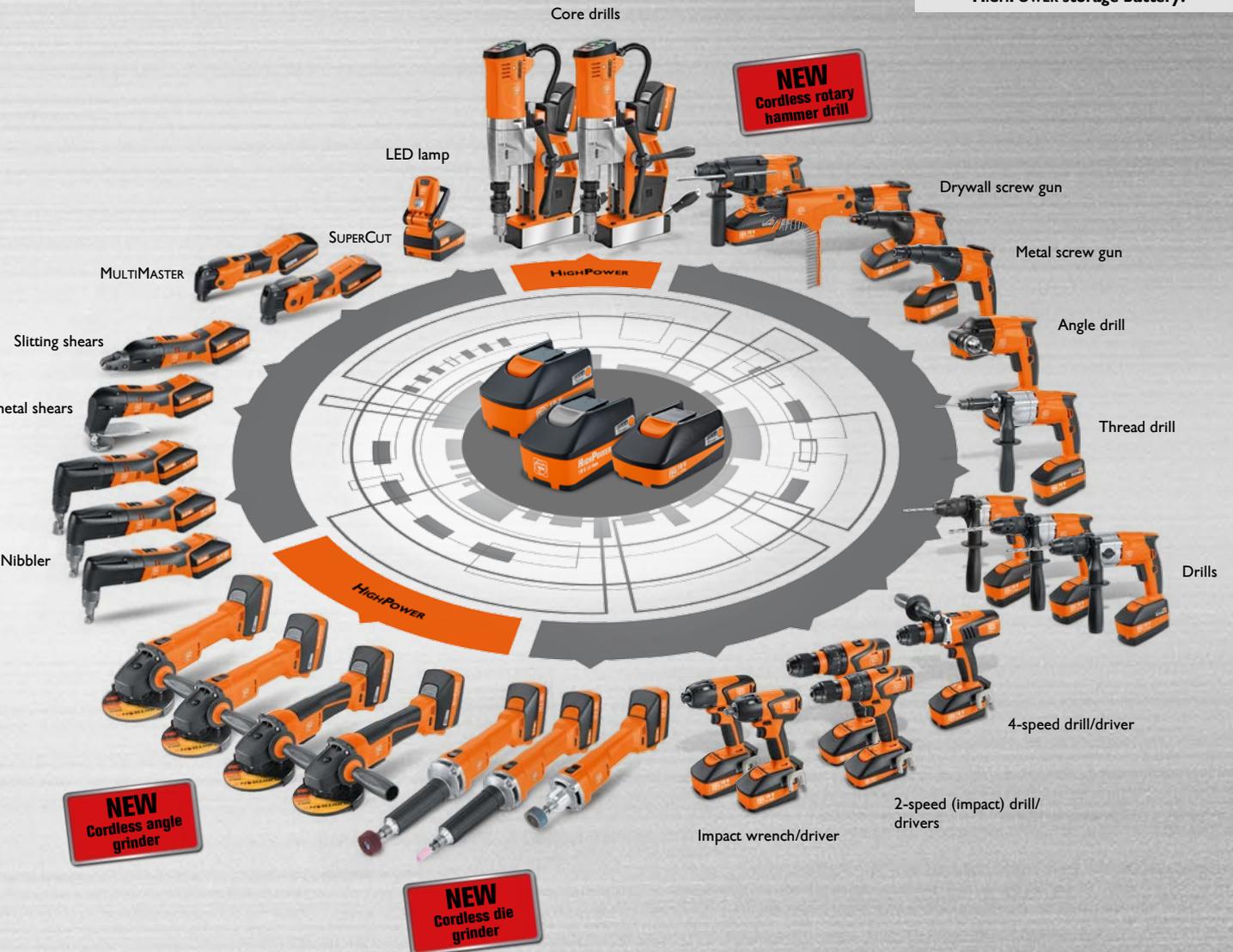
## HighPower battery starter set

Order number **9 26 04 307 01 0**

# Brilliant all round: the FEIN cordless range.

Unique, flexible and simple: FEIN's range of batteries and cordless products for metal processing and oscillating multi-tools, including powerful tools in 18V.

**Maximum power when combined with the FEIN HighPower storage battery!**



\* Compared with the FEIN 18 V/5 Ah battery with 125 mm diameter cutting wheel. S235JR round material, diameter of 16 mm.

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## **FEIN – the specialist for durable power tools.**

FEIN is the specialist for professional and extremely reliable power tools and special application solutions in the metal, timber and composite materials sectors. As the inventor of the electric hand drill, FEIN has been developing innovative and unbeatably efficient solutions for everyday use which can also stand up to the toughest continuous use in industry and trade for over 150 years.



**Experience the FEIN world of grinding today.**  
Discover the entire range of FEIN cordless grinders at  
[www.fein.com](http://www.fein.com).

**Your specialist dealer will be happy to help:**

**DE:** C. & E. Fein GmbH, Telefon 07173 183-0, [www.fein.com](http://www.fein.com)

**AE:** FEIN Middle East FZE, Tel. 04 8861168, [www.fein.ae](http://www.fein.ae)

**Asia:** FEIN Power Tools Asia Limited, Phone 2341-1026, [www.fein.asia](http://www.fein.asia)

**EE/LT/LV:** Ota-Tuote Oy, Phone 00358 9 5499 2400, [www.otatuote.com](http://www.otatuote.com)

**IN:** FEIN Power Tools India Pvt. Ltd., Phone 044-43 578 680, [www.fein.in](http://www.fein.in)

**SA:** Mimar for Construction Tools & Trading Ltd., Phone 02 6686888, [www.fein.ae](http://www.fein.ae)

Emission values (sound / vibration) can be found at [www.fein.com/vibration](http://www.fein.com/vibration)

