

**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. The 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		18		18	
Battery capacity	Ah		5.2		5.2		5.2	
Battery compatibility			Li-ion / HIGHPOWER Li-ion*		Li-ion / HIGHPOWER Li-ion*		Li-ion / HIGHPOWER Li-ion*	
Idling speed	rpm		2 500 - 8 500		2 500 - 8 500		2 500 - 8 500	
Quick-clamping nut / flange			M14		M14		M14	
Grinding / cutting wheel diameter	mm	115	125	125	115	115	125	125
Elastic Sanding pad Ø	mm	115	125	125	115	115	125	125
Brake, electronic			Yes		Yes		Yes	
Dead man's switch		No	No	No	Yes	Yes	Yes	Yes
Weight with storage battery (EPTA) kg			2.7		2.7		2.7	
Order no. for SELECT	This product is not available in Australia.		7 120 02 62 00 0		This product is not available in Australia.		7 120 04 62 00 0	

\*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. Due 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	2 900 - 9 000
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
Order no. for SELECT	This product is not available in Australia.	7 123 02 62 00 0	This product is not available in Australia.

## 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.



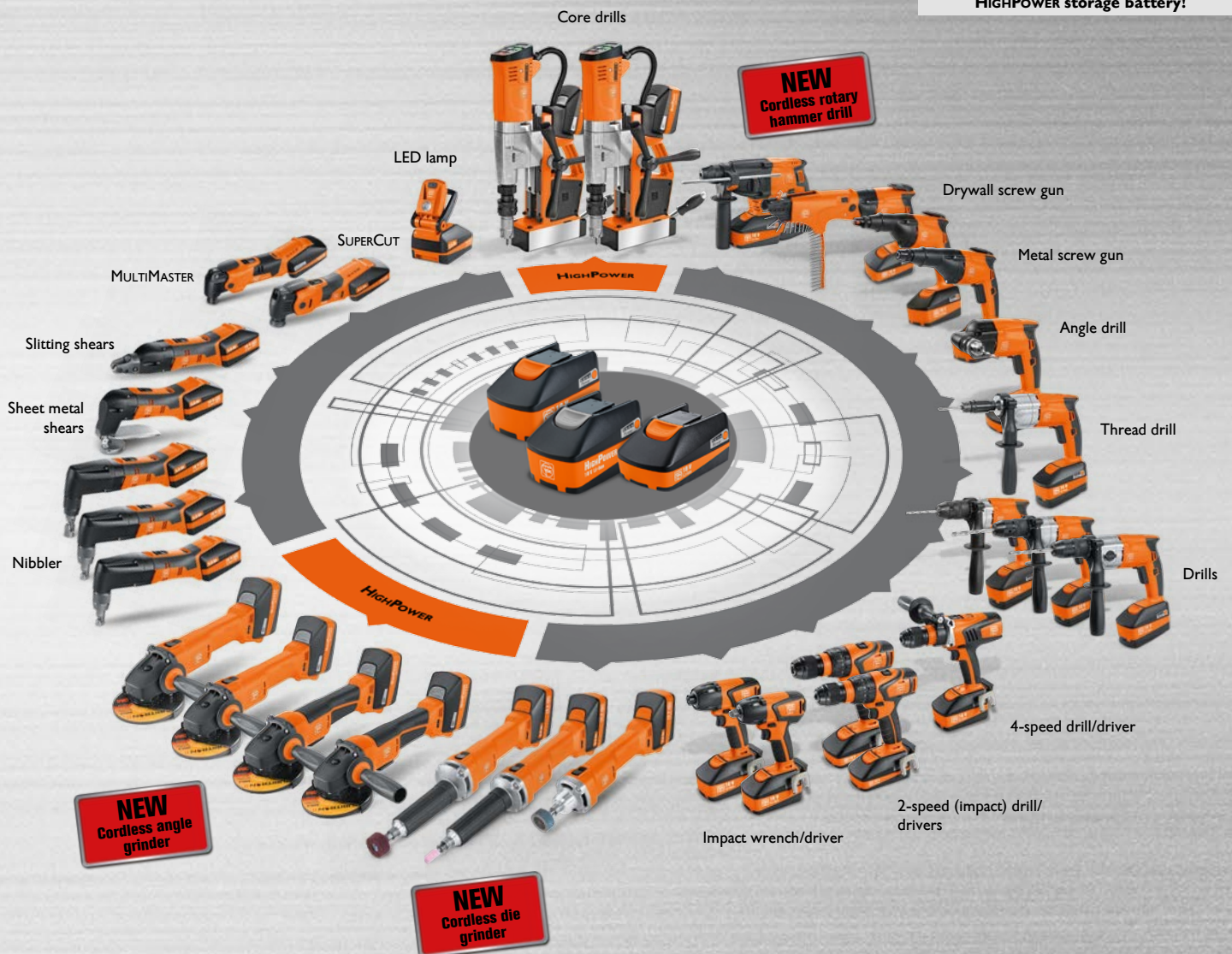
## HighPower battery starter set

Order number	9 26 04 307 01 0
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# 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.au](http://www.fein.com.au)



**Short registration process – extended warranty:  
the 3-year FEIN PLUS warranty.**

We offer the 3-year FEIN PLUS warranty for all your FEIN power tools. A new FEIN product simply has to be registered at [www.fein.com.au/service](http://www.fein.com.au/service) within 6 weeks of purchase.

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

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

AU: FEIN Australia, Phone 1300 063 900, [www.fein.com.au](http://www.fein.com.au)

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

