

► INTERIOR

FEIN. Unverwüstliche
Elektrowerkzeuge.



1 million screw connections.

FEIN cordless metal screw guns ASCS 6.3 and ASCS 4.8.



**Brushless
FEIN PowerDrive
motor**

The new standard for fastening systems: FEIN cordless metal screw guns up to 4.8 and 6.3 mm.

The company that invented the drill is setting new standards in metal screw connections. The FEIN ASCS is ergonomic and easy to use, unbeatably light and just as powerful as a mains-powered tool thanks to Li-ion technology. Proven FEIN quality guarantees a life of at least 1 million precision screw connections.

The benefits for you:

- ▶ Long life thanks to new FEIN PowerDrive motor for at least 1 million screw connections.
- ▶ Optimum results thanks to electronic torque shut-off.
- ▶ Extremely light weight of 1.6 or 1.8 kg.
- ▶ Optimum speeds for self-drilling screw driving.

400 screw connections with one battery charge



The perfect interplay of motor and high-quality battery cells ensures up to 400 screw connections per battery charge in sheet steel.

Continually high output



The ASCS from FEIN delivers the power required and the right speed for continuous use, making light work of even screw connections in steel girders.

Optimum results



The adjustable, electronic torque shut-off ensures consistently precise screw connections – even without a depth stop. The benefit: optimum results and an unobstructed view of the screw.

Brushless FEIN PowerDrive motor



“Made by FEIN” motor quality: the brushless motor developed and produced by FEIN was designed especially for use in power tools. It guarantees a very long life and requires no maintenance.

Precise and efficient working: electronic torque shut-off.

The FEIN cordless metal screw guns ASCS 6.3 and 4.8 feature an effective system comprising brushless motor and torque shut-off. 11 torque settings plus drilling setting ensure precise and repeat-precise screwdriving. When the required torque is reached, the tool quietly shuts down with zero vibrations. Precise driving depths are reached when screwdriving wood onto metal in particular. The system prevents the screw being driven too far or sheared off and reduces the user's wrist from any sudden torque.

The benefits for you:

- ▶ Efficient working, screws are prevented from being screwed too far or sheared off.
- ▶ Quiet and low-vibration shut-off when the required torque is reached.
- ▶ High repeat accuracy.
- ▶ Precise driving depth for wing teks.

Precise

Depth stop (can be adjusted in stages of 0.25 mm) reliably screws sealing discs. Housing is also totally dust-proof.

Long service life

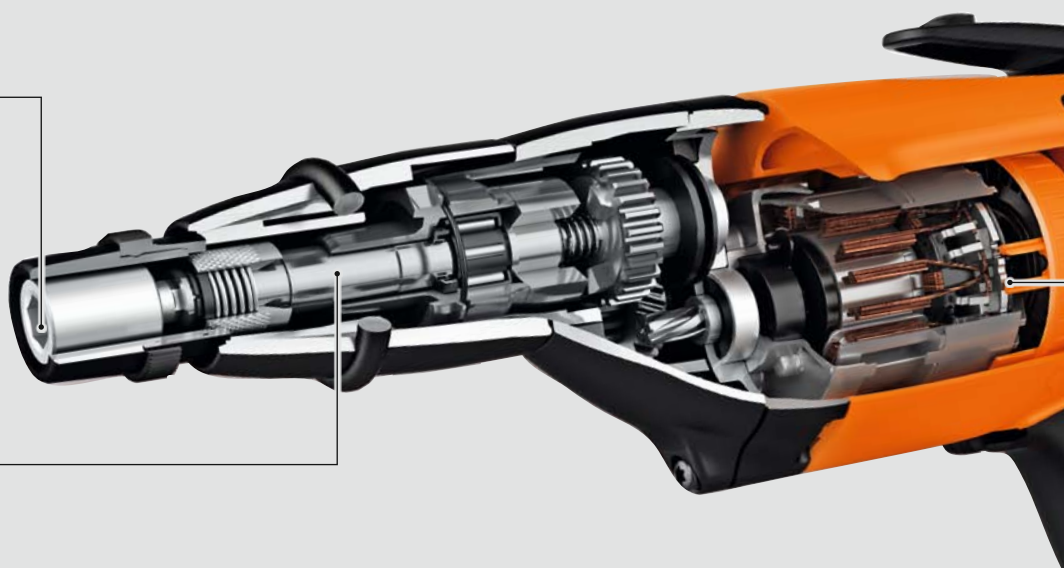
All gearbox parts and the clutch are made from metal. For maximum loads and service life.

Practical

Fibre glass-reinforced plastic housing for daily use on the construction site.

Enduring

High capacity and great performance at 4 Ah, even when subjected to high loads, thanks to modern lithium-ion cells. Capacity display can be viewed on each battery.



NEW: the brushless FEIN PowerDrive Motor.

Developing and producing motors has always been one of FEIN's core competencies and the new brushless FEIN PowerDrive motor is yet another milestone in this proud tradition. It works without carbon brushes and is therefore maintenance-free. Its high 85 percent efficiency rating ensures a high torque and enables a large number of screwdriving applications per battery charge. The fully encapsulated housing protects the motor and electronics from dust and other influences.

FEIN: expertly engineered motors

- ▶ Virtually wear-free.
- ▶ 2x longer service life.
- ▶ 30% higher efficiency.
- ▶ 100% more performance per battery charge.



Repeat accuracy

11 torque settings plus drilling setting prevent the screw from being sheared off and provide precise results even without a depth stop.

Powerful

Maintenance-free brushless FEIN PowerDrive Motor for high-performance screwdriving applications.

Ergonomic

Fatigue-free working thanks to ideal distribution of weight and ergonomic shape featuring soft grip zone.

Safe

The FEIN SafetyCell technology reliably protects the battery from overload, overheating and total discharge by means of a separate communication cable.

Powerful and mobile working with FEIN Li-ion technology.

FEIN battery technology allows you to enjoy the same power from your FEIN cordless metal screw gun as from a mains-powered version. Plus users benefit from greater mobility. The Li-ion batteries offer a perfect balance between low weight and long life because FEIN only uses battery cells capable of high currents, allowing tools to handle brief power surges with ease.

FEIN battery technology

The FEIN cordless metal screw guns are available with:

- ▶ 18 V or 14.4 V.
- ▶ SafetyCell technology.
- ▶ Charge status indicator.
- ▶ 3-year warranty for battery and charger.

Safe working



In the event of overload, the electronic protection in the battery steps in and shuts down the screw gun, using a separate communication line. The gun is ready again immediately.

2000 charge cycles per battery



Depending on loading, the high-quality, 4 Ah capacity battery cells can be charged up to 2000 times. Assuming 250 days are worked a year and that the batteries are charged daily, this corresponds to a battery life of 8 years.

FEIN SafetyCell technology



In the event of overload, the electronic protection in the battery steps in and shuts down the screw gun, using a separate communication line. The power tool is ready again immediately.

Gentle charging process



Intelligent electronics with individual cell monitoring ensure optimum, gentle charge processes for maximum capacity and service life. Maximum charge time of 60 minutes for a 14.4V battery.

For universal use on metal fastenings of up to 6.3 mm: FEIN ASCS 6.3.

Self-drilling and thread-shaping screws of up to 6.3 mm can be reliably secured without the drill bit wearing. The tool can be used with or without sealing disc and is also suitable for wing teks. The ergonomic design guarantees virtually fatigue-free working and electronic speed control allows the force of the FEIN ASCS 6.3 to also be safely regulated at higher speeds with repeat accuracy. 200 screws can be fixed in 1.25 mm trapezoid sheet steel on 2 mm sheet steel with just one battery charge.

The benefits for you:

- ▶ 200 fittings in sheet steel with one battery charge.
- ▶ Perfect screw connections for fastenings of up to 6.3 mm.
- ▶ Virtually fatigue-free working thanks to low weight of 1.8 kg.
- ▶ Universal applications in metal construction.

Powerful



Facade elements are screwed straight onto the steel girder. The adjustable depth stop prevents damage from over-tightened screws.

Repeat accuracy



11 torque settings plus drilling setting allow for high-precision screw tightening while preventing the screws from rotating too far or twisting off.

Precise



Adjustable torque translates into precise screw connections – even without a depth stop. The benefits here are an unobstructed view of the screw.

The specialist in longitudinal screw connections of up to 4.8 mm: FEIN ASCS 4.8.

The FEIN ASCS 4.8 is ideal for flexible and rapid longitudinal screw connections. The screw gun effortlessly penetrates steel or aluminium profiles – with a screw diameter of up to 4.8 mm. The ASCS 4.8 also has an impressive very low weight of just 1.6 kg. 400 screws can be fixed in 2 x 0.75 mm trapezoid sheet steel with just one battery charge.

The benefits for you:

- ▶ 400 screw connections with one battery charge.
- ▶ Perfect for sheet metal screw connections on sheet metal.
- ▶ Virtually fatigue-free working thanks to low weight of 1.6 kg.
- ▶ High speeds of up to 2500 rpm.



Precise







The depth stop can be adjusted in 0.25 mm stages to ensure the sealing discs fit perfectly.

Practical



The removable hook ensures that you always have the machine to hand.

The tools, accessories and sets at a glance.

Technical data		Battery-powered tools		Mains-powered tools	
Model		ASCS 4.8	ASCS 6.3	SCS 4.8-25	SCS 6.3-19 X
					
		One of the lightest cordless drills/drivers in its class for roof and facade construction.	Speed-optimised cordless drill/driver for screw connections in metal up to a diameter of 6.3 mm.	One of the lightest drills/drivers in its class for roofs and facades.	Speed-optimised drill/driver for screw connections in metal up to a diameter of 6.3 mm.
Battery voltage	V	14.4	18		
Battery capacity	Ah	4	4		
Power consumption	W			450	400
Power output	W			250	220
Load speed	rpm	0–2000	0–1500	0–2000	0–1300
Idling speed	rpm	0–2500	0–1700	0–2500	0–1900
Max. torque (hard/soft)	Nm	20/7	30/10	16/–	18/–
Cable with plug	m			5	5
Weight according to EPTA	kg	1.6	1.8	1.3	1.6
Quick change chuck	inch	1/4	1/4	1/4	1/4
Screw diam.	mm	4.8	6.3	4.8	6.3
Contents		<ul style="list-style-type: none"> ▶ 1 FEIN ASCS 4.8 ▶ 1 plastic tool case ▶ 1 rapid charger ALG 50 ▶ 2 Li-ion batteries 14.4 V / 4 Ah ▶ 1 hook ▶ 1 depth stop ▶ 1 insert for hexagon socket screws 	<ul style="list-style-type: none"> ▶ 1 FEIN ASCS 6.3 ▶ 1 plastic tool case ▶ 1 rapid charger ALG 50 ▶ 2 Li-ion batteries 18 V / 4 Ah ▶ 1 hook ▶ 1 depth stop ▶ 1 insert for hexagon socket screws 	<ul style="list-style-type: none"> ▶ 1 depth stop ▶ 1 magnet holder for 1/4 " bits ▶ 1 1/4 bit for cross-slotted screws, size 2 / Phillips (form H) extra hard ▶ 1 hand strap ▶ 1 belt clip 	<ul style="list-style-type: none"> ▶ 1 depth stop ▶ 1 insert for hexagon socket screws WAF8 ▶ 1 hand strap
Order number		7 113 10 61 00 0	7 113 11 62 00 0	7 213 04 00 23 9	7 213 09 000 23 6

The emission values (noise / vibration) for FEIN metal screw guns can be found at www.fein.com/vibration

Selection of accessories

Tool case

Plastic, inner dimensions 450 × 310 × 135 mm.



Order number 3 39 01 118 01 0

Battery pack

Li-ions batteries with charge status indicator. Available with 4 Ah and 2 Ah.



Order number		
18 V	4 Ah	9 26 04 165 02 0
18 V	2 Ah	9 26 04 161 02 0
14.4 V	4 Ah	9 26 04 164 02 0
14.4 V	2 Ah	9 26 04 160 02 0

Rapid charger ALG 50

For all FEIN Li-ion batteries.



	Charge time	Order number
ALG 30	max. 60 min	9 26 04 096 01 0
ALG 50	max. 80 min	9 26 04 129 01 0



Other FEIN tools for metalworking.

ABLK 1.6 E



Compact and curve-compatible cordless nibbler for precise cuts in profiles, trapezoid and corrugated sheet metal.

KBH 25



Hand-guided metal core drilling system for fast and flexible use.

WSG 14-125



Powerful compact angle grinder for grinding and cutting work.

BOP 10-2



Universal two-speed drill up to 10 mm with ideal speed range for steel and stainless steel.

**FEIN. Unverwüstliche
Elektrowerkzeuge.**



FEIN – the specialist for durable power tools.

**FEIN professional pairing
ASCS 4.8 + ABLK 1.6 E**



Supplied:

- 1 cordless metal screw gun ASCS 4.8
- 1 cordless nibbler ABLK 1.6 E
- 2 Li-ion batteries, 14.4 V / 4 Ah
- 1 rapid charger ALG 50
- 1 plastic tool case
- 1 hook

Order number: 7 190 01 61 00 0



**Quick registration – extended warranty period:
The 3-year FEIN PLUS warranty.**

We offer the 3-year FEIN PLUS warranty for all your FEIN power tools. All you need to do is register your new FEIN product at www.fein.com/warranty within 6 weeks of purchase.

If you have any further questions, or if you would like to test the FEIN power tools, your specialist dealer will be happy to help.

