



swepro battery impact drill.
Compact. Strong. Efficient.

SW BHD18V125S

swepro battery impact drill.

Durable. Strong. Safe.

After an intensive development phase, it's here:
The first swepro battery impact drill!

After two battery impact wrenches, the portfolio is now being expanded to include a powerful battery impact drill. The new high-performance battery impact drill convinces with a high torque at low weight and a compact design. The powerful SAMSUNG Li-Ion battery enables the longest possible service life. This is additionally reinforced by the energy-efficient control of the brushless motors. The new swepro battery impact drill convinces with the extraordinarily high quality: The high-quality and robust quick-action metal chuck is driven by a 2-speed gear-box that is engaged via a switch.

The battery impact drill has the protection class IP56, which is why they provide full protection against contact and dust against deposits inside. In addition, the device is insensitive to splashing water.



Certificated



Brushless



Variable speed



Strong



Compact



Protection class

swepro battery impact drill.

Technical specifications.

SPEED	Gear 1: 250-500 1/min Gear 2: 600-2000 1/min
TORQUE	Max. 125 Nm
WEIGHT	1.66 kg (without battery)
DIMENSION	L=185mm
LIGHTING	LED
ITEM NUMBER	680320

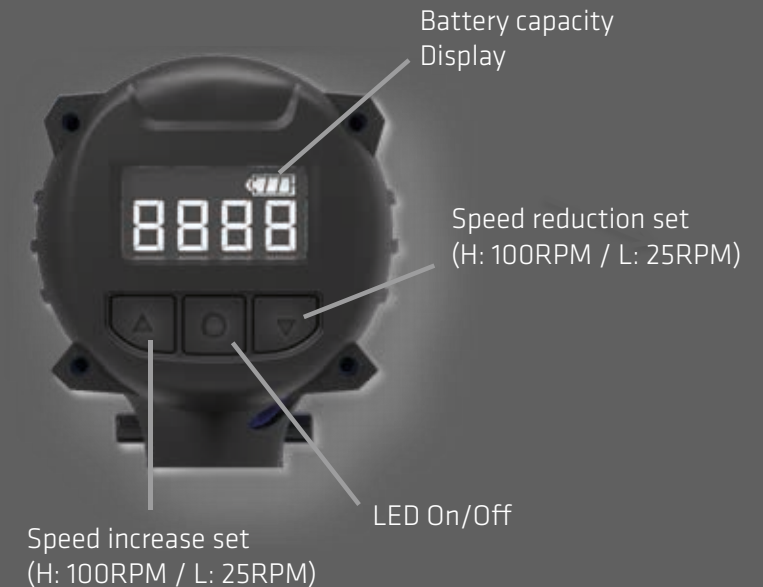
SCOPE OF DELIVERY	Battery impact wrench in handy case, 2 x 5Ah batteries, charger, tool holder
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swepro battery impact drill. Handling.

Handling

- Torque adjustment by means of 21-step rotary control for „Hammer“ and „Screwdriver“ mode
- Switchable 2-speed transmission for different speed ranges:
 - › The LCD display can be used to monitor the specific speed and can be monitored and adjusted step by step using the buttons. Due to the intelligent motor control of the brushless motor the performance is gear and speed independent.



Maximum size of the drill

**DRILLING POWER
IN WOOD**
up to Ø38mm

**DRILLING CAPACITY
IN STONE**
up to Ø16mm

**DRILLING CAPACITY
IN STEEL**
up to Ø13mm

swepro battery impact drill. Applications.

- **250-500 1/min**
 - › Especially for slow drilling and tapping applications
- **600-2000 1/min**
 - › Diverse drilling applications up to high performance applications in steel & concrete
- **Grundsatz:**
 - › A small diameter drill (e.g. HSS) requires a high speed, while large diameter drills must be used at a low speed.



swepro battery impact drill.

Advantages of the impact drill at a glance.

STRONG TORQUE OUTPUT (125 Nm)
for heavy applications

SIDE HANDLE
for stable and safe use,
for right and left hand users

HIGH QUALITY METAL LINING
for precise runout

LCD DISPLAY
for digital speed setting, display of
speed and battery capacity



BRUSHLESS MOTOR
with improved durability and
maintenance free

LIGHT
for lighting of the
working area

3 MODES
(hammer, screwdriver, drill)
for different applications

SAMSUNG LITHIUM ION BATTERY CELLS
for a long service life

Brushless motor.

Increased efficiency, longer service life.

Brushless motors offer many advantages. They are low maintenance, have a significantly increased lifetime and are powerful. The difference between brush and brushless motors lies in the design: while in both motors magnets are responsible for the rotation, the components which produce the electromagnetic field are different.

Brush motors contain two brushes through which the power supply runs. The brushes are in permanent contact with the rotating commutator, causing friction. The device is thus louder, loses energy and heats up.

In a brushless motor, the brushes are replaced with electrical components (circuit boards and sensors) in order to create the electromagnetic field.



Brushless
Motor



Brushed
motor

Direct comparison of motors.

Brushless vs. brushed motor.

Comparison	Brushless motor from swepro	Competition brush motor
Motor wear	No abrasion possible: <ul style="list-style-type: none">• Low noise level• Hardly any wear	High abrasion results: <ul style="list-style-type: none">• Increased noise level• Energy loss• Increased wear
General efficiency	No loss of efficiency (30% more efficient than brush motors)	Less powerful
Adjustability	Performance adaptable to the requirements of the application through different modes	Very difficult, only via the release button
Acquisition vs. Long-term costs	Long life service (10 times higher than brush motors), No exchange of the motor necessary	Shorter life maintenance, regular maintenance and replacement of the brushes necessary
Weight	10-30% lighter	Significantly heavier, increases work load for the user



Brushless motor



Brushed motor

Powerful Li-ion battery.

Long life, strong performance.



Li-Ion battery: The world's number 1 for battery-powered power tools

SAMSUNG Li-ion batteries are the world's No. 1 power tool due to their performance. The exceptional quality and safety has a positive impact on the performance of the tools.



Extended period of use

The life cycle of SAMSUNG Li-ion batteries still have more than 60% charge capacity after 250 charges. Thus they reach a longer service life and a longer life cycle.



Reduced loading time

Batteries from SAMSUNG SDI currently offers the fastest charging option in the world. In less than 120 minutes, the 5Ah batteries can be recharged even when completely discharged. According to experience the average charging time of the 5Ah batteries is 90-100 minutes, because a complete discharge of a battery occurs rather rarely in reality.



Light weight

The cells with the highest capacities and power currently available on the world market are used to create the batteries. This means that batteries with the same performance can be produced with fewer cells. The batteries used are thus significantly lighter than competing products.



Protection functions



The battery impact wrenches offer the greatest possible protection functions that exclude overcharging and overheating. In the event of overheating the automatic shutdown function of the device is activated. The innovative battery solution protects the batteries from overcharging, as well as overheating during the charging process.



More portfolio of
swepro battery tools.

swepro battery impact wrench.

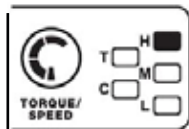
Technical specifications.

	SW BID18V180S 18V Battery impact wrench 	SW BIW18V800S 18V Battery impact wrench 
SPEED	3.600 1/min	1.900 1/min
TORQUE	180 Nm	800 Nm
WEIGHT	0,89 kg (without battery)	2,32 kg (without battery)
DIMENSION	120 mm	200 mm
LIGHTING	Double LED	LED
ITEM NUMBER	680310	680300
SCOPE OF DELIVERY	Cordless impact wrench in handy case, 2 x 5Ah batteries, charger, tool holder	

swepro battery impact wrench.

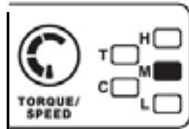
Different modes. Simply selected.

SW BID18V180S



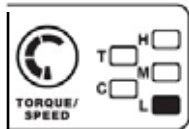
0~3,600 rpm
180 Nm

Heavy Applications



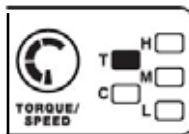
0~2,400 rpm
110 Nm

Moderate Applications

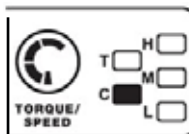


0~1,200 rpm
50 Nm

Light Applications



Task mode: Downshifting and reducing the rotation and impact speed before driving the screw.



Cruise mode: Setting a constant speed. This mode is ideal for sensitive applications with constant speed.

Applications

✓ Drilling in wood, plastic and metal

✓ Ideal in numerous assembly applications

SW BIW18V800S



0~1,900 rpm
650 Nm

Heavy Fittings



0~1,200 rpm
400 Nm

Moderate Fittings



0~900 rpm
200 Nm

Light Fittings



Reverse mode: Highest release force at the beginning. When loosening the nut, the speed is automatically reduced.

Applications

✓ Tightening of demanding bolted connections

✓ Loosening of demanding screw connections

We are there for **you**.

You have questions about our battery tools?

We are happy to help you find the right tool for your applications and requirements!

You would like to test our product in advance?

For 14 days you can convince yourself of the quality of our products.



We are looking forward to your contact:

Tel. 0 2131 - 75 22 100

Mon. - Thurs. 08.00 to 17.00

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