

Operation Manual

Electric Impact Driver

62552

XPO the **tool**
experts



Illustration similar, may vary depending on model

Read and follow the operating instructions and safety information before using for the first time.

Technical changes reserved!

Due to further developments, illustrations, functioning steps, and technical data can differ insignificantly.

Updating the documentation

If you have suggestions for improvement or have found any irregularities, please contact us.



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Even though, the WilTec Wildanger Technik GmbH has undergone biggest possible efforts to ensure that the operating manual is complete, faultless, and up to date, mistakes cannot be entirely avoided.

If you should find a mistake or wish to make a suggestion for improvement, we look forward to hearing from you.

Send an e-mail to:

service@wiltec.info

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Our postal address is:

WilTec Wildanger Technik GmbH
Königsbenden 12
52249 Eschweiler
Germany

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Returns Department
WilTec Wildanger Technik GmbH
Königsbenden 28
52249 Eschweiler

E-mail: **service@wiltec.info**

Tel: +49 2403 55592-0

Fax: +49 2403 55592-15



Introduction

Thank you for purchasing this quality product. **To minimise the risk of injury we urge that our clients take some basic safety precautions when using this device. Please read the operation instructions carefully and make sure you have understood its content.**

Keep these operation instructions safe.

General safety instructions for electrical devices

Warning! Read carefully all safety and general instructions in this manual. Failure to do so can result in electric shock, fire, or serious injury. Keep the instructions in a safe place so that you can always refer to them.

Safety in the work area

- **Always keep your work area tidy and well lit.** Poorly lit or untidy areas increase the risk of injury.
- **Do not use electrical devices in potentially explosive areas, e.g., next to flammable liquids, gases, or dust.** Electrical devices can cause sparks that can ignite these substances.
- **Keep children and bystanders away from your work area while operating an electrical device.** Distractions can cause the loss of control over your device.

Electrical safety

- **Never make any changes to the power supply. Do not use adapter plugs with earthed power tools.** Unmodified plugs and matching sockets reduce the risk of electric shock.
- **Avoid physical contact with earthed surfaces, such as pipes, refrigerators, stoves, and heaters.** The risk of electric shock is increased if the body is earthed.
- **Do not expose the device to rain or dampness.** Water penetration may increase the risk of electric shock.
- **Handle the power cord with care. Never carry, pull, or disconnect the device by the cord. Keep it away from heat, oil, sharp edges, or moving parts.** Damaged or tangled power cords increase the risk of electric shock.
- **If you want to use the electrical device outdoors, use a special extension cord for outdoor use.** Using such a power cord reduces the risk of electric shock.
- **If operating the device in a humid environment, use a protected power supply with a residual current circuit breaker.** Using a residual current circuit breaker reduces the risk of electric shock.

Personal safety

- **Stay alert. Pay attention to what you are doing and always use the impact driver responsibly and carefully. Do not operate it when you are tired or under the influence of alcohol, drugs, or medication.** Carelessness during use can lead to injuries.
- **Dress appropriately. Do not wear loose clothes or jewellery. Tie long hair together. Keep hair, clothes, and gloves away from moving parts.** They can increase the risk of injury as they can get caught in the moving parts.
- **Avoid accidental switching on. Make sure that the device switch is in the off position before connecting the device to the mains.** Do not carry the electrical device with your finger placed on the trigger; do not connect it to the mains when the switch is on.
- **Do not lean forward too much. Make sure you stand firmly and keep your balance.** A secure stand and balance enable better control of the impact driver in unexpected situations.
- **Use safety equipment.** Wear safety glasses, a respirator, work gloves, and non-slip safety shoes during work.
- **If devices are available for the connection of de-dusting and dust extraction systems, make sure that they are connected and operate properly.** The use of a dust collector can reduce the dangers related to dust.



Safety of use and care of an electrical device

- **Do not use force for its operation. Always use the correct attachment for your device.** The appropriate attachment works more effectively and safely at the rate that it was designed for.
- **Do not use the electrical device if the switch is out of order.** The electrical device that cannot be operated by the switch is dangerous and must be repaired immediately.
- **Disconnect the power plug from the mains before making any changes, changing accessories or before storing the device.** These precautions reduce the risk of accidental starting.
- **Store the device out of the reach of children when not in use. Do not allow it to be operated by persons who are not familiar with its use or this manual.** It can be dangerous in the hands of inexperienced users.
- **Service the electrical device regularly. Check it for incorrect assembly or blocking of the moving parts, for defects, damage and any other conditions that could restrict the functioning of the device. If the device is damaged, have it repaired before use.** As a rule, the cause of accidents in most cases is poor maintenance.
- **Use the electrical device and its accessories according to these instructions, the working conditions, and the work to be carried out.** Improper use can lead to dangerous situations.

Safety of maintenance

Have your power tool serviced by qualified staff with original spare parts only. This ensures the safety of the electric device.

Safety instructions for impact drivers

- **Hold the electric device only on insulated surfaces during the operation when the cutting tool may touch hidden cables or your own cable.** Contact with a live cable can result in exposed metal parts of the power tool being under voltage, thus causing an electric shock to the user.
- **Use the additional handle(s) included in the delivery.** Loss of control can lead to serious injuries.
- **Hold the device with a firm grip.** An increased reaction torque can occur when driving in and loosening screws.
- **Secure the work piece.** The work piece which has been secured with clamps or a vice has a more secure hold than if held by hand.
- **Wait until the device has come to a complete standstill before putting it down.** A tool insert can jam and thus lead to loss of control over the tool.
- **Never use a device with a damaged power cord.** Do not touch the damaged cable or pull the power plug if the cable is damaged during operation. Damaged cables increase a risk of electric shock.

Product description and technical data

Application area

The device is used to screw or loosen screws and bolts. It is also suited for loosening and tightening nuts in corresponding size.



Technical specifications

Voltage (V)	230	
Frequency (Hz)	50	
Nominal power (W)	450	
Idle speed (1/min)	3600	
Max. torque (Nm)	clockwise	100
	counter-clockwise	320
Square drive (mm)	12.7 (1/2")	
Size of included impact wrench sockets (mm)	17 / 19 / 21 / 22	
Weight (kg)	2.1	
Cable length (m)	3	
Protection class	II	

Operation

Direction switch

You can change between clockwise and counter-clockwise rotation by pressing the direction switch.



Notes:

- The direction change may be carried out at a standstill only!
- Clockwise, the maximum torque is limited to 100 Nm.

Turning on/off

Caution! Make sure that the supply voltage corresponds to the nominal voltage specified on the type plate.

Use

- Press the on/off switch. The device runs at maximum speed. To switch it off, release the on/off button.
- The tightening torque depends on the selected speed and the impact period. Use the electric impact driver when tightening screws and nuts only for pre-assembly. The desired reference torque of the screw or nut must be achieved with a torque wrench that is set to the reference torque, not with the electric impact driver.
- The actual tightening torque must always be checked with a torque wrench!
- Always follow the manufacturer's instructions for tightening screws or nuts and the manufacturer's guidelines for timely and performance-based testing.
- After a tyre change, regularly check the tyre bolts or nuts. This inspection must be carried out after 50 to 100 km with a torque wrench.

Maintenance and cleaning

- Disconnect the power plug from the power supply before touching the accessories. There is a risk of injury.
- Use only original spare parts, otherwise there is a risk of injury. The cleaning and maintenance should be carried out regularly. This ensures efficient performance of the device over a long time.



Cleaning



Do not spray the device with water and do not immerse it in water. Danger of electric shock!

Keep the ventilation slots, the motor housing, and the handles clean. Use a damp cloth or brush. Cleaning agents or solvents can cause irreparable damage.

Maintenance: exchange of carbon brushes

1. Switch off the device and pull out the mains plug.
2. Let the device cool down.
3. Loosen the sealing cap with a screwdriver.
4. Remove the cap.
5. Pull the carbon brush out of the holder.
6. Slide a new carbon brush into the holder.
7. Reinstall the sealing cap.
8. Repeat steps 1 through 5 on the other side of the tool. Carbon brushes must be replaced only in pairs.

Storage

Store in a dry place and out of the reach of children.

Disposal regulations

EU guidelines regarding the disposal of scrap electric appliances (WEEE, 2012/19/EU) were implemented in the law related to electrical and electronic equipment and appliances.

All WiTec electric devices that fall under the WEEE regulations are labelled with the crossed-out wheeled waste bin logo. This logo indicates that this electric equipment must not be disposed with the domestic waste.

The company WiTec Technik GmbH has been registered in the German registry EAR under the WEEE-registration number DE45283704.

Disposal of used electrical and electronic appliances (intended for use in the countries of the European Union and other European countries with a separate collection system for these appliances).

The logo on the article or on its packaging points out that this article must not be treated as normal household waste but must be disposed to a recycling collection point for electronic and electrical waste equipment. By contributing to the correct disposal of this article you protect the environment and the health of your fellow men. Environment and health are threatened by inappropriate disposal.



Material recycling helps reduce the consumption of raw materials.

Additional information on recycling this article can be provided by your local community, municipal waste disposal facilities, or the store where you purchased the article.

Address:
WiTec Wildanger Technik GmbH
Königsbenden 12 / 28
D-52249 Eschweiler

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