



**24711**  
T-Mech  
Impact  
Wrench



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# Specification

## Product Description

Thank you for purchasing the T-Mech Impact Wrench. There's nothing more frustrating than that nut that just won't budge, but it doesn't have to be that way.

Charged by a powerful 18v Li-ion battery and capable of a whopping 400Nm of torque, the T-Mech Impact Wrench provides a powerful and swift way to undo any nut.

Accepting 1/2 inch impact sockets the tool boasts 400Nm of nut busting torque and 350 Nm of tightening torque. The Impact Wrench is capable of an impact rate up to 2700 IPM.

**WARNING: This power tool must be used by a competent person who has received sufficient training in the safe use of this machine. Never let another person operate the tool who has not received adequate training, even if under supervision.**

**WARNING: Focus and attention is crucial to safe practice. Never operate the Impact Wrench around children, pets, animals, or anyone who is unfamiliar with the safety requirements of using the tool. Failure to operate in a clear environment could result in serious injury or loss of life.**

**Please refer to and read Safety Advice, Safe Working Practice to ensure prevention of injury or damage to the device before starting.**

# Safety Advice

## Safe Working Practice

Please read through the safe working practice to ensure prevention of injury or damage to the device.

Please ensure you have read and fully understood the instructions set out here before first use of the tool.

The T-Mech Impact Wrench is a power tool. Even if you have experience with power tools, you should take great care and attention in understanding and adopting the safe practices set out below.

Always ensure the mains switch is in the OFF position before connecting the battery charger to a mains power socket.

Ensure the mains switch is in the OFF position before inserting the battery pack.

Ensure the battery pack is kept away from any sources of heat. Keep away from direct sunlight.

Always inspect the cord of the charger before every use for signs of damage. If you notice damage or fraying to the cord, under no circumstance should you then attempt to use it.

As previously stated, when commencing operation with the Impact Wrench, you must clear your area of children, pets, animals, and anyone unfamiliar or untrained in the safe operation of the tool. Remain vigilant of potential changes in this clear area.

Your workspace must also be clear. Ensure there are no obstructions or potential obstructions, and ensure the work area is clear from flammable liquids, gases or dusts. Power tools create sparks which could result in the ignition of flammable items.



# Safety Advice

## Safe Working Practice

Your work area should also be well lit and dry. Never operate the tool in rainy or wet weather conditions. Water entering a power tool will greatly increase the risk of electric shocks and could cause serious injury or loss of life.

Do not converse with others during operation; remain dedicated and focused on the task at hand for maximum safety.

Personal Protective Equipment (PPE) must be worn by you, the user, and anybody else who may be working alongside you. This must comprise protective gloves, safety shoes, and ear protection.

Do not wear loose-fitting clothing or jewellery whilst using this product. Ensure long hair is tied back and kept out of the way of operation.

You should not use this tool if you feel tired. Nor should you attempt to operate it if under the influence of alcohol, drugs, or medication.

Before beginning operation, ensure that you can confidently and safely hold the tool. If for any reason you feel you cannot safely manage the weight of the tool, you should never attempt to operate it.



# Safety Advice

## Safe Working Practice

You must only use the Impact Wrench for its intended use. The uses of which can be found throughout this manual.

You should ensure hands and fingers are always kept away from the moving parts of the Impact Wrench. Sudden recoil when firing may otherwise result in impact to the body.

When the battery charger is not in use, it must be switched off at the mains power supply.

Never leave the battery charger unattended when it is plugged in at the mains power supply.

If the socket's power switch does not turn it on and off, you should stop any operation immediately and contact the manufacturer.

Never tamper with the tool's electronics or other operational workings.

Repairs, maintenance or adjustments should never be undertaken by yourself. A qualified professional is needed to undertake these.

When cleaning, use only mild soap and a damp cloth. Many household cleaners contain various chemicals which could cause seriously damage to the plastic base of the tool. Do not use turpentine, lacquer, paint thinner, dry cleaning products or similar other products. Never allow liquid to infiltrate the insides of the tool.



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## Item Contents

- 1 x 18V Impact Wrench
- 1 x Battery Pack
- 1 x Battery Charger
- 1 x 17, 19, 21 & 23mm 1/2 inch sockets

## Technical Information

Technical Aspects	T-Mech 18v Impact Wench
Power Source	4.0Ah Li-ion (Lithium-ion) Battery
Voltage / Frequency	220-240V / 50/60Hz
Battery Voltage	DC 18V, 2000mAh

## Product Specifics

Specification	T-Mech 18v Impact Wrench
No load speed	0-2200min-1
Impact rate	Impact rate 0-2700 IPM
Nut-Busting Torque	400Nm
Tightening Torque	350Nm
Sound Pressure Level	$L_{pa}$ 84 dB(A) K=3dB(A)
Sound Volume Level	$L_{wa}$ 95 dB(A) K=3dB(A)
Vibration Level	9.09 m/s <sup>2</sup> , K=1.5m/s <sup>2</sup>
Anvil	1/2 in. square

# Specification

## Monster Guarantee

If you wish to return a product in perfect working order, we provide a 30 day returns policy as long as the item is unopened and in a resalable condition.

A 12 month warranty applies to all of our electrical products; we will cover the cost of labour and parts. Our policy is to try and repair the item before arranging an exchange or refund.

If for any reason a part is missing please get in touch with us within 7 days on receipt of your order. You can contact our friendly and helpful Customer Support Team via email or call. For full terms and conditions contact our Support Department via the details on the Contact Us page.

Monster Group UK Limited's liability will be limited to the commercial value of the product only.

# Specification

## Product Features



# Specification

## Product Features

**1: Anvil:** Allows easy and quick attachment of impact sockets.

**2: Battery Pack:** Powers the Impact Wrench and is easily attached/detached. Power level indicator can be found on the rear.

**3: Trigger:** Allows smooth power delivery.

**4: Direction Switch:** Varies between tightening and loosening.

**5: Battery Detach Button:** Press and slide the battery forward to release.

# User Guide

## Operation Instructions

### Intended Use:

Proper fastening torque may be determined by the kind of bolt, the size of the bolt or the material or the workpiece. It is helpful to perform a test operation to determine the proper fastening time for the nut or bolt you are using. While performing the test, make note of the speed selection. Hold the tool pointed straight at the nut or bolt. Depress the switch and fasten for the proper fastening time.

After fastening, always check the torque with a torque wrench.

NOTE: Do not use this tool to install lug nuts on wheels without a torque limiting device. Doing so could result in galled or broken lugs.

Many variables exist that will cause the available torque of the fastener to vary considerably. The optimum impact time is approximately 6 seconds.

NOTE: Using a universal joint or extension bar may reduce the fastening force of the impact wrench and require longer fastening time.

### Charging the Battery:

**Please read 'General Precautions when Charging' under User Guide before charging.**

The Battery Pack for the tool will come in a low charge condition. Charge the battery before first use. To do this, follow these simple steps;

- 1) Place the Battery Pack (3) into the Charger. The Battery Pack will click into place.
- 2) Insert the power cord plug into a mains power supply.
- 3) The Battery is now charging. The Charging Indicator light (on charger) will be red when charging. When it turns green, it signifies that the Battery Pack is fully charged. Ordinarily, for the first use, this may take between 60-90 minutes.

# User Guide

## Maintenance

Always remove battery pack from your tool when you are assembling parts, making adjustments, cleaning, or when not in use. Removing battery pack will prevent accidental starting that could cause serious personal injury. This power tool normally requires no maintenance; from time to time the ventilation slots on the motor casing should be cleaned out. If the unit should become defective, repair should be performed by an authorised service agent for electric tools.

### General Precautions when Charging:

- Only recharge with the Charger and Battery Packs specified by the manufacturer.
- Ensure the mains power switch is in the OFF position before inserting the Battery Pack.
- Never open up the battery or tamper with it.
- Do not recharge the batteries if you do not intend on using the tool. i.e. charge just before you wish to use the tool.
- Allow the batteries to cool before charging them.
- Ensure the battery is not stored in direct sunlight.
- Where a battery leakage occurs, avoid contact with the liquid. If hand contact is made with the liquid, clean your hands thoroughly with water. If the liquid contacts the eyes, rinse with clean water and immediately seek medical attention.
- Ensure the cord connecting the Charger and the mains power supply does not cause obstructions or risk of accident.
- Inspect the charging equipment thoroughly before use. Never use the charging equipment when there is visible damage.

# User Guide

## Maintenance

### Recycling Battery Packs/batteries:

The Battery Pack of this product is built to a high standard and is able to be re-charged time after time to ensure minimum 'down-time'. However, re-chargeable batteries will eventually need to be replaced.

Never incinerate or mutilate the battery. Do not place into general waste. They should be sent to a specified stockist or the manufacturer, or disposed of/recycled in accordance with the appropriate legislation. They should be returned by a local stockist, or placed into an appropriate collection unit.

# Troubleshooting

## Resolution Guide

**Please read through the guide below if you have any issues or faults with your device. The information covers and resolves the majority of frequently asked questions.**

What should I do if...

**Q: ... there are parts missing from my order?**

A: If there appears to be any missing parts from your package, contact our Customer Support team within 7 days of receipt. The details can be found on the Contact Us page of this manual.

**Q: ... there is no power to my Impact Wrench?**

A: Ensure the Battery is charged. The Indicator Light on the Charger should light up when charging the Battery. Ensure the connection between the mains power supply and the Charger is secure.

**Q: ... my tool won't start?**

A: The Battery may be low. Check the LED Light Indicator to help identify the issue. If necessary, charge the Battery. Also check that there are nails/staples loaded into the tool.

**For all other issues, please contact our friendly and helpful Customer Support department.**

# Contact Us

## Sales Department

For information regarding this device or other products from our Monster divisions please use the following details below.

Tel: 01347 878888

Email: [hello@monstershop.co.uk](mailto:hello@monstershop.co.uk)

## Support Department

For queries about this device, warranty, returns or reporting faults please use the following details below.

Tel: 01347 878887

Email: [help@monstershop.co.uk](mailto:help@monstershop.co.uk)

## Website

To view our product range and fantastic offers in the Monster Shop range please visit our website

[www.monstershop.co.uk](http://www.monstershop.co.uk)

## Address

To visit our office Monster House and view our products, send postal correspondence or return items our address is provided below.

Monster House, Alan Farnaby Way, Sheriff Hutton  
Industrial Estate, Sheriff Hutton, York YO60 6PG



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