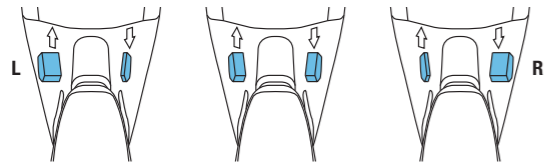


seen in the working direction) for forward rotation. Push the forward / reverse switch to the left (as seen in the working direction) for reverse rotation.



Reverse rotation Locked Forward rotation

The speed of the power tool can be controlled smoothly (increased from minimum to maximum) by pressing the control switch gradually.

BASIC TECHNIQUES

Before starting work, survey the work area and use the correct type of tool.

Make sure you are in comfortable position. The correct position allows you to work easier and provides better results.

Do not apply excessive pressure. This will not increase the performance. This is not a drill.

When the impact socket will not do what you want, assume you have wrong bit fitted. Change it to correct one.

When you have finished a work session, release the ON/OFF trigger switch, let the tool stop spinning, remove the bit and move the directional selection slider to the middle position. Place the tool in a safe place.

If when using the tool the power begins to fade the battery requires re-charging, remove the battery and recharge as described in the GETTING STARTED section.

TECHNICAL SPECIFICATIONS

Battery type	Li-Ion
Battery capacity	3.3 Ah
Speed (RPM)	2700 RPM
Impact frequency	3500 impacts/minute
Max. torque	194 Nm
Dimensions (LxWxH)	147 x 93 x 224 mm
Weight	2.5 kg
Driving standard bolts	8mm - 16mm

EQUIPMENT CARE

Never push the equipment beyond its design limits. If it will not do what you want with reasonable ease and speed, assume you have the wrong equipment for the job. Contact HSS Hire for advice.

Handle the equipment with care. Avoid dropping it, knocking it, or otherwise exposing it to damage.

Never expose the equipment to dangerous and/or corrosive chemicals.

When battery pack is not in use, keep it away from other metal objects, like paper clips, coins, keys, nails, screws or other small metal objects, that can make a connection from one terminal to another. **Shorting the battery terminals together may cause burns or a fire.**

Store the battery in a cool, dry place. Never store the battery where it is exposed to direct sunlight or sources of heat, e.g. on heaters / radiators or behind a motor vehicle windscreen.

Keep the equipment clean - you will find this less of a chore if you clean it regularly, rather than wait until the end of the hire period.

Avoid working the tool continuously for long periods.

When not in use, store the equipment somewhere clean, dry and secure.

FINISHING OFF

Switch off the unit by releasing the ON/OFF button then remove the socket and battery pack.

Clean the tool up as far as possible, paying special attention to the motor's ventilation slots.

Place the unit and the battery in the carry case ready for return, to HSS Hire.



... have you been trained

The law requires that personnel using this type of equipment in the workplace must be competent and qualified to do so. Training is available at HSS Training 0845 766 7799

...any comments?

If you have any suggestions to enable us to improve the information within this guide please e-mail your comments or write to the Safety Guide Manager at the address below e-mail: safety@hss.com

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GENERAL SAFETY

For advice on the safety and suitability of this equipment contact HSS Hire.

There is a serious risk of personal injury if you do not follow all instructions laid down in this guide.


The hirer has a responsibility to ensure that all necessary risk assessments have been completed prior to the use of this equipment.


This equipment should only be used by an operator who has been deemed competent to do so by his/her employer.


This equipment should be used by a competent adult who has read and understood these instructions.


Anyone with either a temporary or permanent disability, should seek expert advice before using it.

Keep children, animals and bystanders away from the work area. Cordon off a NO GO area using cones and either barriers or tape, available for hire from HSS Hire.

 **Never use** this equipment if you are ill, feeling tired, or under the influence of alcohol or drugs.

 **Wear practical, protective clothing, gloves and footwear.** Avoid loose garments and jewellery that could catch in moving parts, tie back long hair.

 **This equipment generates potentially harmful noise levels.** To comply with health and safety at work regulations, **ear defenders must be worn** by everyone in the vicinity.

 **Safety goggles must be worn by everyone in the work area.**

Ensure the work area is well lit and ventilated, if in doubt, ask about lighting and ventilation equipment at HSS Hire.

Make sure that everyone is aware of what you are doing.

Do not work near flammable gases or liquids, petrol or paint thinner fumes for example. **Keep combustible materials at a safe distance** – at least 5m.

Do not expose the tool to rain or snow and do not use it in damp or wet areas or where there is a risk of fire or explosion.

Working on materials hazardous to the health (e.g. asbestos) is not permissible.

Do not work from a ladder or steps.

Make sure you know how to switch this machine OFF before you switch it on in case you get into difficulty.

Do not operate the tool when it is dirty or wet. Dust or dampness on the surface of the tool will make it more difficult to hold.

Do not touch rotating parts.

Never leave the tool unsupervised.

Never carry or pull the charger by its power cable.

When working, adopt a stable, well-balanced stance that lets you see what you are doing while leaving your hands and body behind the work at all times.

Do not try to repair or modify the equipment. If this tool can't do what you expect or fails to work return to HSS Hire.

ELECTRICAL SAFETY

The charger for HSS Cordless Impact Wrench is designed to plug straight into a standard, 230V 13A power socket.

Do not use the battery as a power source for other unspecified appliances.


Recharge only with the charger specified by the manufacturer. A charger that is suitable for one type of battery pack may create a risk of fire when used with another battery pack.

If the charger fails, or if its power supply cable or plug becomes damaged, return it. **Never try to repair it yourself.**

Under abusive conditions, liquid may be ejected from the battery; avoid contact. If contact accidentally occurs, flush with water. If liquid contacts eyes, additionally seek medical help. Liquid ejected from the battery may cause irritation or burns.

Keep cables out of harm's way, and clear of the work area.

Extension leads should be fully unwound and loosely coiled, away from the equipment. Never run them through water, over sharp edges or where they could trip someone.

 **To reduce the risk of electric shock, use a suitable RCD (Residual Current-Operated Device)** available from HSS Hire, or power the equipment from a mains circuit with a built-in RCD.

GETTING STARTED

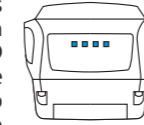
The HSS Cordless Impact Wrench is designed for driving HUS 8-14 mm dia. screw anchors in concrete, tightening and releasing M8 to M16 bolts, machine screws and nuts

Never use the HSS Cordless Impact Wrench until you have fully read and understood this User Guide and the machine has been properly set up using the information it contains.

CHARGING AND FITTING THE BATTERY

The Cordless Impact Wrench is powered by removable battery that requires to be charged before use.

During the work observe battery status indicator placed on the battery pack. When the battery is fully charged 4 LED indicators will flash. In case of only one indicator blinking you are require to change to the second battery in order to continue work. Recharge the battery immediately so that it is ready for reuse.

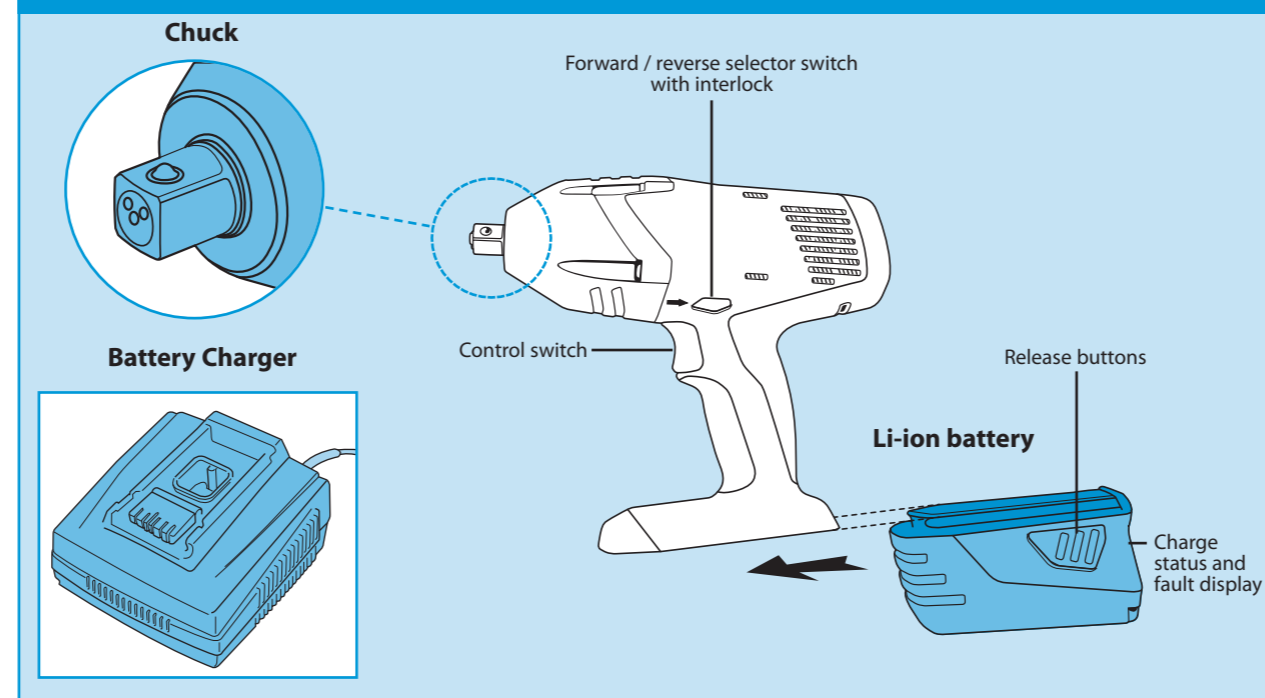


NOTE: Battery performance drops at low temperatures. Never use the battery until the cells become fully discharged.

Remove the battery from the drill by pressing in the unlock buttons on either side of the battery and carefully slide out the battery.

To charge the battery, plug the charger into a power source and insert the battery in the battery charger.

IDENTIFIER



When the battery is fully charged, before fitting it to the tool, check that the power tool is switched off and that the safety lock is engaged (forward/reverse switch in the middle position). Check that the terminals on the battery and in the power tool are free from foreign objects.

Now push the battery into the power tool from the rear as far as it will go and until it is heard to engage with a double click.

Be careful! If it is not fitted securely, the battery could fall out while you are working with the tool. A falling battery may present a risk of injury to yourself or others.

Before beginning the work, check that the battery is fitted securely to the tool.

To remove the battery out of the power tool press both battery release buttons. Pull the battery towards the rear.

OVERLOADING AND OVERHEATING


The power tool is equipped with an electronic protection system to prevent overloading and overheating. The power tool switches itself off automatically in the event of overloading and overheating. After releasing the control switch, the power tool may not restart immediately when the switch is pressed again (while the power tool is cooling down).

When the overloading or overheating has occurred 4 LED indicators on the battery pack will blink. Let the tool cool down.

CHANGING / FITTING INSERT TOOLS

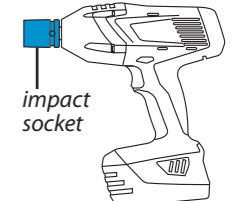
CAUTION!


Wear protective gloves when changing tools as the tools get hot during use.

 **1/4" square drive** The power tool is equipped with a 1/4" square drive with ball-notch accessory retention mechanism.

Check that the square drive of the insert tool is clean. Clean the square drive if necessary.

Bring the notch in the impact socket into alignment with the ball on the square drive before fitting it to the power tool. The impact socket will not be held securely and could fall off inadvertently if this point is not observed.



 Set the forward / reverse switch to the middle position or remove the battery from the power tool. Align the hole in the side of the impact socket with the retention ball on the square drive. Push the impact socket onto the chuck until it engages.

CONTROLLERS

The forward / reverse switch is used to select the direction of rotation of the drive spindle. An interlock prevents switching while the motor is running. The control switch is locked when the forward / reverse switch is in the middle position. Push the forward / reverse switch to the right (as

Know Your Symbols

HSS have created clear Icons to inform the hirer of their responsibilities towards the safe use of hire equipment.

These are designed to reduce the amount of different safety information labels required for each product for hire.

General use PPE / Warning

Clearly marked minimum PPE will be visible on all equipment,



Correct PPE must be worn



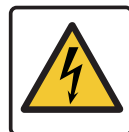
HAV Hand Arm Vibration



Danger Rotating blade



Danger Hot exhaust



Danger Electric shock



Caution Abrasive Wheel



Caution Finger trap

Fuel and Supply Types



Pe
Petrol



Di
Diesel



2t
2 - Stroke Petrol



EI
Electric

Safe Procedures

All hirers must understand and respect the safe procedures of all equipment.

It is the responsibility of the hirer to maintain and return the equipment in a clean condition and good working order.



Ro
Read OPS Guide



Ou
Outdoor Use only



Hi
Heavy Lifting



Cd
Check Oil daily



Cf
Check Fuel daily



Cw
Check Water daily



Bc
Battery Care



Sh
Safe Height Working



Swl
Refer to Data Plate



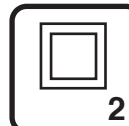
V
Check Power Voltage Data Plate

Electrical Safety

Safe wiring procedures.



Ea
Must be Earthed Class 1



Doi
Double Insulated Class 2



Enl
Earth Live Neutral Wire Coding

Return Responsibility

Charges apply to equipment returned dirty and damaged.



Cc
Cleaning Charge



Rc
Repair Charge