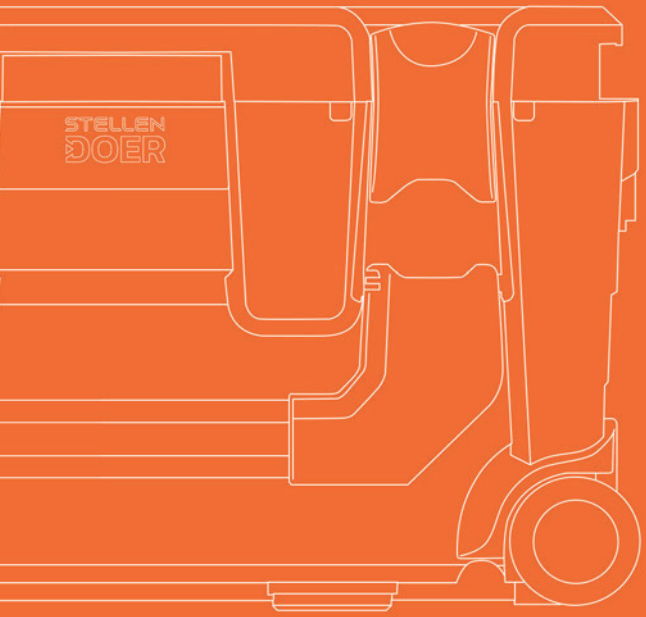
# OPERATIONS MANUAL

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DOER

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## INDEX



## POWERTOOLS





## TABLE TOOLS FEATURES





# safety notes

To use this product properly, you must observe the safety limitations, the assembly instructions and the operating instructions to be found in this manual. All persons who use and service this product must be acquainted with this manual and must be informed about potential hazards. Children and infirm people must not use this product. Children should be supervised at all times if they are in the area in which the product is being used. It is also imperative that you observe the accident prevention regulations in force in your area. The same applies for general rules of occupational health and safety.

The manufacturer shall not be liable for anychanges made to this product nor for anydamage resulting from such changes.

keep dry

Do not use the product in the rain or in a damp area.Check for damaged parts. Before using thisproduct, check that there are no damaged parts or wires. Defective or damaged parts must be replaced by an authorised service facility.Guard against electric shock. Prevent contact with grounded objects such as water pipes.

General Hazzard

**WARNING**. The use of an accessory or attachment, other than those recommended in this Instruction Manual, may present a risk of personal injury.

This product has been designed to charge specific batteries, any use not specified in this manual will be considered misuse. The product must be used only for its prescribed purpose. Any use other than those mentioned in this Manual will be considered a case of misuse. The user and not the manufacturer shall be liable for any damage or injury resulting from such cases of misuse. If the product appears to have any fault or makes any unusual sounds please consult the manual, a service centre or your retailer before using. Conforms to relevant standards for electromagnetic compatibility.

If you experience any problems with the product please contact
email: support@stellenDOER.com
**www.stellenDOER.com**

# care and environment

## general inspection

Regularly check that all the fixing screws are present and tight, they may vibrate loose over time. Keep the tool's air vents unclogged and clean at all times. Remove dust and dirt regularly. Cleaning is best done with compressed air or a rag.

**CAUTION,** Do not use cleaning agents to clean the plastic parts of the tool. A mild detergent on a damp cloth is recommended. Water must never come into contact with the tool. After each use, carefully clean the tool with a brush or rag. Clear any debris from around the battery mount, moving parts and clips.

## lubrication

No internal lubrication is necessary, the bearing area is sealed. A coating of machine oil on the metal parts will help prevent corrosion.

## storage

Store the tool, instruction manual and accessories in a secure, dry place. In this way you will always have all the information and parts ready to hand. Lithium ion batteries should ideally be stored with 40 to 80% capacity between 10ºC and 20ºC (50ºF and 68ºF).
**WARNING!** Always charge Li-ion batteries before storage and at least every 3 months to prevent permanent damage.

## environment

When the time comes to dispose of this product please consider the environment and take it to a recognised recycling facility instead of disposing with general household waste.
Call your local council, civic amenity site, or recycling centre for-information on the recycling and disposal of electrical products and batteries. If you do not have access to suitable disposal facilities in your area please contact your place of purchase, they will advise you on the best way to dispose of your product.

## maintenance

All electrical parts should be regularly serviced by an approved engineer.



# symbols

This Product is sold in several configurations. The images and descriptions in this user manual may differ from your product. For features or accessories not covered by this manual or if you are unsure about a feature or function contact your supplier or visit www.stellenDOER.com whether you can find updated user manual and compatible parts.


general hazard


read instructions


protect vision
hearing respiration


flying debris


be aware
of others


keep dry


protect from
overheating


wear appropriate
clothing


sharp blades

# general power tools safety warnings

WARNING Read all safety warnings, instructions, illustrations and specifications provided with this power tool. Failure to follow all instructions listed below may result in electric shock, fire and/or serious injury. Save all warnings and instructions for future reference. The term "power tool" in the warnings refers to your mains-operated (corded) power tool or battery-operated (cordless) power tool.

## 1) work and safety

a. Keep work area clean and well lit. Cluttered or dark areas invite accidents.

b. Do not operate power tools in explosive atmospheres, such as in the presence of flammable liquids, gases or dust. Power tools create sparks which may ignite the dust or fumes.

c. Keep children and bystanders away while operating a power tool. Distractions can cause you to lose control.

## 2) electrical safety

a. Power tool plugs must match the outlet. Never modify the plug in any way. Do not use any adapter plugs with earthed (grounded) power tools. Unmodified plugs and matching outlets will reduce risk of electric shock.

b. Avoid body contact with earthed or grounded surfaces, such as pipes, radiators, ranges and refrigerators. There is an increased risk of electric shock if your body is earthed or grounded.

c. Do not expose power tools to rain or wet conditions. Water entering a power tool will increase the risk of electric shock.

d. Do not abuse the cord. Never use the cord for carrying, pulling or unplugging the power tool. Keep cord away from heat, oil, sharp edges or moving parts. Damaged or entangled cords increase the risk of electric shock.

e. When operating a power tool outdoors, use an extension cord suitable for outdoor use. Use of a cord suitable for outdoor use reduces the risk of electric shock.

f. operating a power tool in a damp location is unavoidable, use a residual current device (RCD) protected supply. Use of an RCD reduces the risk of electric shock.

## 3) personal safety

a. Stay alert, watch what you are doing and use common sense when operating a power tool. Do not use a power tool while you are tired or under the influence of drugs, alcohol or medication. A moment of inattention while operating power tools may result in serious personal injury.

b. Use personal protective equipment. Always wear eye protection. Protective equipment such as a dust mask, non-skid safety shoes, hard hat or hearing protection used for appropriate conditions will reduce personal injuries.

c. Prevent unintentional starting. Ensure the switch is in the off-position before connecting to power source and/or battery pack, picking up or carrying the tool. Carrying power tools with your finger on the switch or energising power tools that have the switch on invites accidents.

d. Remove any adjusting key or wrench before turning the power tool on. A wrench or a key left attached to a rotating part of the power tool may result in personal injury.

e. Do not overreach. Keep proper footing and balance at all times. This enables better control of the power tool in unexpected situations.

f. Dress properly. Do not wear loose clothing or jewellery. Keep your hair and clothing away from moving parts. Loose clothes, jewellery or long hair can be caught in moving parts.

g. If devices are provided for the connection of dust extraction and collection facilities, ensure these are connected and properly used. Use of dust collection can reduce dust-related hazards.

h. Do not let familiarity gained from frequent use of tools allow you to become complacent and ignore tool safety principles. A careless action can cause severe injury within a fraction of a second.

## 4) power tool use and care

a. Do not force the power tool. Use the correct power tool for your application. The correct power tool will do the job better and safer at the rate for which it was designed.

b. Do not use the power tool if the switch does not turn it on and off. Any power tool that cannot be controlled with the switch is dangerous and must be repaired.

c. Disconnect the plug from the power source and/or remove the battery pack, if detachable, from the power tool before making any adjustments, changing accessories, or storing power tools. Such preventive safety measures reduce the risk of starting the power tool accidentally.

d. Store idle power tools out of the reach of children and do not allow persons unfamiliar with the power tool or these instructions to operate the power tool. Power tools are dangerous in the hands of untrained users.

e. Maintain power tools and accessories. Check for misalignment or binding of moving parts, breakage of parts and any other condition that may affect the power tool's operation. If damaged, have the power tool repaired before use. Many accidents are caused by poorly maintained power tools.

f. Keep cutting tools sharp and clean. Properly maintained cutting tools with sharp cutting edges are less likely to bind and are easier to control.

g. Use the power tool, accessories and tool bits etc. in accordance with these instructions, taking into account the working conditions and the work to be performed. Use of the power tool for operations different from those intended could result in a hazardous situation.



h. Keep handles and grasping surfaces dry, clean and free from oil and grease. Slippery handles and grasping surfaces do not allow for safe handling and control of the tool in unexpected situations.

## 5) battery tool use and care

a. 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.

b. Use power tools only with specifically designated battery packs. Use of any other battery packs may create a risk of injury and fire.

c. 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.

d. 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.

e. Do not use a battery pack or tool that is damaged or modified. Damaged or modified batteries may exhibit unpredictable behaviour resulting in fire, explosion or risk of injury.

f. Do not expose a battery pack or tool to fire or excessive temperature. Exposure to fire or temperature above 130 °C may cause explosion.

g. Follow all charging instructions and do not charge the battery pack or tool outside the temperature range specified in the instructions. Charging improperly or at temperatures outside the specified range may damage the battery and increase the risk of fire.

## 6) service

a. Have your power tool serviced by a qualified repair person using only identical replacement parts. This will ensure that the safety of the power tool is maintained.

b. Never service damaged battery packs. Service of battery packs should only be performed by the manufacturer or authorized service providers.

## residential risks

Even if you are operating this product in accordance with all the safety requirements, potential risks of injury and damage remain. The following dangers can arise in connection with the structure and design of this product:

1. Health defects resulting from vibration emission if the product is being used over long periods of time or not adequately managed and properly maintained.

2. Injuries and damage to property due to broken application tools or the sudden impact of hidden objects during use.

WARNING! This machine produces an electromagnetic field during operation. This field may under some circumstances interfere with active or passive medical implants. To reduce the risk of serious or fatal injury, we recommend persons with medical implants to consult their physician and the medical implant manufacturer before operating this machine.

Wear hearing protection while operating the power tool.

The declared vibration total value(s) and the declared noise emission value(s) have been measured in accordance with a standard test method and may be used for comparing one tool with another

The declared vibration total value(s) and the declared noise emission value(s) may also be used in a preliminary assessment of exposure.

## warning

The vibration and noise emissions during actual use of the power tool can differ from the declared values depending on the ways in which the tool is used especially what kind of work piece is processed.
The need to identify safety measures to protect the operator that are based on an estimation of exposure in the actual conditions of use

## maintenance and cleaning

Attention! Always remove the battery before carrying out any work on the machine.

To clean, always use a dry or moist, but not wet, towel. Many cleaning agents contain chemical substances which may cause damage to the plastic parts of the machine. Therefore do not use any strong or inflammable cleaners such as petrol, paint thinner, turpentine or similar cleaning agents.

Always keep air ventilation holes free of dust deposits to prevent overheating.

## emergency

Familiarise yourself with the use of this product by means of this instruction manual. Memorise the safety directions and follow them to the letter. This will help to prevent risks and hazards.

1. Always be alert when using this product, so that you can recognize and handle risks early. Fast intervention can prevent serious injury and damage to property.

2. Turn the product off and disconnect it from the power supply if there are malfunctions. Have the product checked by a qualified professional and repaired, if necessary, before you operate it again.

# technical specifications

| | |
|---|---|
| **product code** | BLHD1 |
| **battery** | 20 Volt_Max |
| **chuck** | 13mm(½") Metal sleeve |
| **max torque** | 60Nm |
| **speed** | 0-550 / 1850rpm |
| **thrust pulverizing motion** | 0-7.150 / 0-24.050rpm |
| **clutch** | 16+T+1 position |
| **soft start and electronic brake** | |

## drill safety warning

1. Safety instructions for all operations

a. Wear ear protectors when impact drilling. Exposure to noise can cause hearing loss.

b. Use the auxiliary handle(s). Loss of control can cause personal injury.

c. Brace the tool properly before use. This tool produces a high output torque and without properly bracing the tool during operation, loss of control may occur resulting in personal injury.

## drill/screwdriver safety warning

Hold the power tool by insulated gripping surfaces, when performing an operation where the cutting accessory may contact hidden wiring. Cutting accessory contacting a "live" wire may make exposed metal parts of the power tool "live" and could give the operator an electric shock.

## 2) Safety instructions when using long drill bits

a. Never operate at higher speed than the maximum speed rating of the drill bit. At higher speeds, the bit is likely to bend if allowed to rotate freely without contacting the workpiece, resulting in personal injury.

b. Always start drilling at low speed and with the bit tip in contact with the workpiece. At higher speeds, the bit is likely to bend if allowed to rotate freely without contacting the workpiece, resulting in personal injury.

c. Apply pressure only in direct line with the bit and do not apply excessive pressure. Bits can bend causing breakage or loss of control, resulting in personal injury.

## screwdriver safety warning

Hold the power tool by insulated gripping surfaces, when performing an operation where the fastener may contact hidden wiring. Fasteners contacting a "live" wire may make exposed metal parts of the power tool "live" and could give the operator an electric shock



# BRUSHLESS

## 13mm brushless hammer drill/driver


① keyless chuck
② speed high/low
③ torque ring/hammer selector
④ fan outlet vent
⑤ brand/ rating label
⑥ mounting rails and contacts
⑦ direction switch - both sides
⑧ release slider - both sides
⑨ trigger
⑩ ONE(1)GRIP
⑪ battery (sold separately)
⑫ belt clip

# choose the correct tool

## drill bits

There are 3 main types of drill bit:

**Metal (HSS)**

use sufficient pressure to ensure the drill bit continues to cut the surface, if it is turning without cutting then the surface will heat up and become hardened making it very hard to drill through. Support thin metals with a wood backing to prevent distortion. Lubricate with oil to keep bits cool, beware of fire risks.

**Wood and plastics**

(has an extra point on the tip), regularly back the drill off to allow swarf (shavings) to clear the hole.

**Masonry**

(has 2 spade head) a hammer drill will make fast work of hard masonry and brick, a small pilot hole before using a large drill bit is faster. When drilling a tile use masking tape to mark the hole and to prevent slipping, firm even pressure and patience will give a good result. Lubricate with water to reduce dust.

## driver bits


The images on the right show both Phillips™ and Posidrive™ screw heads. These screw heads are often confused. Look for the second cross shape on the Posidrive™ screw head, for this type of screw use the driver bit with 8 flutes. Posidrive™ uses PZ2, PZ3 etc. Phillips™ driver bits are usually marked with PH2, PH3 etc and have 4 flutes. Higher numbers are for larger sizes.

When driving a screw in or removing it, use very firm, controlled pressure to ensure the bit does not slip in the screw head, damaging it. Use the lowest torque setting possible to drive screws flush, this ensures a consistent result and avoids stripped screw heads.


Mark your work and use a hole punch to guide the drill bit or screw into the correct location.

When drilling start the drill and allow it to reach full speed before starting to cut. Maintain a steady, even pressure and speed that does not slow the rotation speed. Ease off slightly whenever the cutting progress slows and lift

The bit out of the hole with the drill still spinning. This will allow debris to leave the hole and relieve pressure. When you press the bit back into the hole you should notice increased cutting speed.

When drilling metals you should keep a firm constant pressure that ensures the drill bit is always cutting through the material. If the drill bit is allowed to spin without cutting then heat will build up and harden the surface. Once hardened the material will be very hard to cut and may damage the drill bit. Water or oil continuously applied throughout the process to dissipate heat will help maintain the cutting surfaces. The increased leverage of a drill press/pillar drill can allow the user to apply more pressure to the cut.

Use a good quality sharp drill bit or hardened driver bit with the correct profile as described below.

Use sufficient pressure to ensure the drill is always cutting material and back off that pressure to avoid splintering the reverse side of your work and allowing the drill to impact with the work piece.

When doing big jobs that require constant charging of the batteries remember that you can swap Li-Ion batteries at any time during a charge/discharge cycle.

A 4.0Ah Lithium Ion POWER8 Battery will be charged to 80% of its full capacity in the first 30 minutes on the fast charger, the final 20% capacity charges at a lower current.



# intended use


With an appropriate attachment fitted in the chuck this tool is intended for drilling in wood, metal, ceramics and plastic. It is also used for driving screws and fixings. The BLHD1 version is also suitable for hammer drilling in concrete, bricks and masonry when the hammer function is enabled.

**Inserting the ONE(1)GRIP**

**NOTE!** Remove any debris from the area that joins the ONE(1)GRIP to the tool. Damage to contacts or mechanical controls could occur if debris is caught between them. Align the rails on the tool so they will slide smoothly into the rails on the UniGrip. Once Aligned, slide the two parts together firmly until there is a "click" as the locking catch engages. Test the catch is secure and the electrical contacts are engaged by selecting a direction and briefly pressing the trigger.

**Removing the ONE(1)GRIP**

Slide the two UniGrip Release slider to the rear of the handle and slide the ONE(1)GRIP out of the tool from the rear.

## fitting ONE(1)GRIP & battery

Read and understand all safety warnings and all instructions before operating this product. Failure to follow the warnings and instructions may result in electric shock, fire and/or serious injury. **WARNING!** When changing battery, bit or whenever the tool is not in immediate use the direction switch must be in its central locked position to prevent accidental starting. Ensure the tool will not be accidentally started by pressing the trigger.


Sharp blades, heat buildup, harmful dust and flying debris are a danger to user and bystanders. Use of suitable protective clothing, gloves, footwear, lung, eye and ear protection as well as safe working practices can reduce these risks.

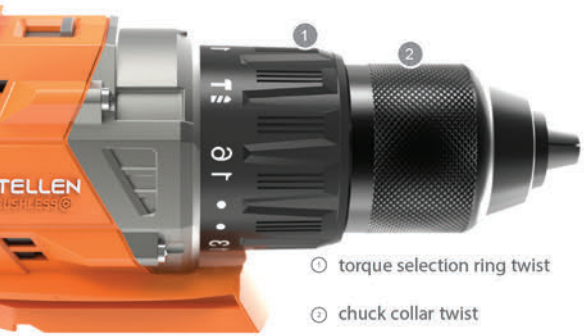
6. release slider - slide back (both sides)
7. direction/safety switch-
8. rails
9. trigger - press
10. ONE(1)GRIP sold separatley
11. battery sold separatley

# fitting/removing a bit

## to change drill bits or driver

Lock the trigger by selecting the middle position.
Choose an appropriate bit, see the following section.
Rotate the Chuck so that the jaws are just wide enough to accept the bit.

The electric brake will engage with a battery connected as long as the trigger is not pressed. Grasp the single collar chuck and the drill body and rotate the Chuck to loosen or tighten the jaws.




① torque selection ring twist

② chuck collar twist

Ensure enough of the drill/driver bit is held by the jaws, at least 10mm or 25% should be within the jaws.
Check the bit is centred in the jaws and tighten securely.

**Note!** Before using the bit briefly activate the drill to ensure the bit is centred and secure. If the end of the bit wobbles when rotating then loosen and re-fit.



flying debris

protecting vison
hearing respiration

sharp blades

wear approprate
clothing

# operating the tool

## select hammer mode, drill mode, drill mode or a torque setting

Twist the Torque Control Collar so the required setting is aligned with the arrow on top of the drill.

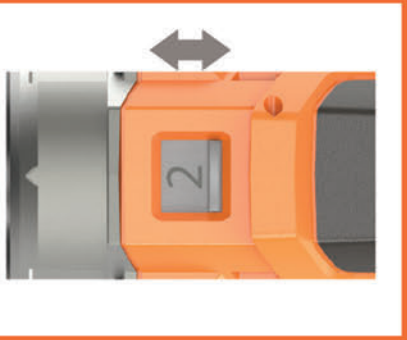
Hammer action is indicated by the hammer symbol.

Drilling mode is indicated by the drill symbol -the clutch is disabled for maximum torque.

Align a number to the arrow to set drive torque, a lower number will apply less torque to the chuck -driving a screw until the clutch disengages the chuck- a high number will drive a screw deeper.

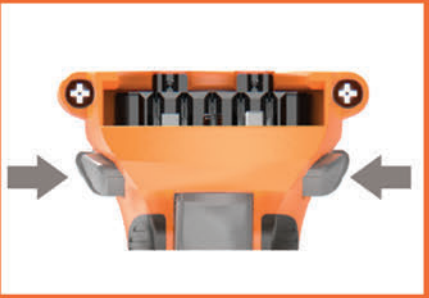
## to switch between high and low gear

Release the trigger and allow the drill to stop.
Slide the Gear Selector backward away from the chuck for high gear and high speed drilling, (2) will be displayed. **Tip**, use high speed for small diameter drill bits. Slide toward the chuck of the drill to select low gear for low speed and higher torque (1) will be displayed. **Tip**, use low speed for large diameter drill bits and driving screws.
**WARNING!** Wear safety equipment when handling sharp bits and when operating tools.




## to change drive direction

Press the Direction Switch on the ONE(1)GRIP, it has 3 positions.The centre position locks the trigger, the other positions will turn the chuck clockwise or anti-clockwise. **Note!** Always use the locked position when fitting or adjusting a bit or driver.**Note!** When drilling always use the clockwise direction except to free a jammed bit.



# technical specifications

| | |
|---|---|
| **product code** | BLCS1 |
| **battery** | 20Volt_Max |
| **blade size** | 6-1/2"(165mm)<br>bore size: 20mm |
| **speed** | 4,500RPM (no load speed) |
| **cutting depth** | @90˚ 62mm(2.4inch)<br>@45˚38mm(1.5inch) |
| **bevel cut capacity** | 0˚ - 45˚ |

No person should use these products without first reading and understanding all documentation and warning labels. Keep these instructions safe and provide them to all users. For use only as outlined in this document, any other use will be considered as misuse.

If you experience any problems with the product please contact
email: support@stellenDOER.com
**www.stellenDOER.com**

**Danger!** Keep hands away from cutting area and the blade. Keep your second hand on auxiliary handle, or motor housing. If both hands are holding the saw, they cannot be cut by the blade.

**Do not reach underneath the workpiece.** The guard cannot protect you from the blade below the workpiece.

**Adjust the cutting depth to the thickness of the workpiece.** Less than a full tooth of the blade teeth should be visible below the workpiece. **Never hold the workpiece being cut in your hands or across your leg.** Secure the workpiece to a stable platform. It is important to support the work properly to minimize body exposure, blade binding, or loss of control.

**Hold power tool by the insulated gripping surfaces, when performing an operation where the cutting tool may run into hidden wiring.**

## circular saw safety warning

Contact with a "live" wire will make exposed metal parts of the tool "live" and shock the operator.

**When ripping always use a rip fence or straight edge guide.** This improves the accuracy of cut and reduces the chance of blade binding.
Always use blades which match those specified, never modify a blade or fitting.
Blades that do not match the mounting hardware of the saw may run eccentrically, causing loss of control or other damage.
**Never use damaged or incorrect blade washers or bolt.** The blade washers and bolt were specially designed for your saw, for optimum performance and safety of operation.
**Causes and operator prevention of kickback:**
Kickback is a sudden reaction to a pinched, bound or misaligned saw blade, causing an uncontrolled saw to lift up and out of the workpiece toward the operator.

When the blade is pinched or bound tightly by the kerf closing down, the blade stalls and the motor reaction drives the unit rapidly back toward the operator.

If the blade becomes twisted or misaligned in the cut, the teeth at the back edge of the blade can dig into the top surface of the wood causing the blade to climb out of the kerf and jump back toward the operator.

**Kickback is the result of saw misuse and/or incorrect operating procedures or conditions and can be avoided by taking proper precautions as given below.**

Maintain a firm grip with both hands on the saw and position your arms to resist kickback forces. Position your body to either side of the blade, but not in line with the blade.
Kickback could cause the saw to jump backwards, but kickback forces can be controlled by the operator, if proper precautions are taken.
When blade is binding, or when interrupting a cut for any reason, release the trigger and hold the saw motionless in the material until the blade comes to a complete stop.
Never attempt to remove the saw from the work or pull the saw backward while the blade is in motion or kickback may occur. Investigate and take corrective actions to eliminate the cause of blade binding.
When restarting a saw in the workpiece, centre the saw blade in the kerf and check that saw teeth are not engaged into the material. If saw blade is binding, it may walk up or kickback from the workpiece as the saw is



BRUSHLESS

## 6-1/2" (165mm) brushless circular saw


1. Sole Plate
2. Cut Guide
3. Angle Lock
4. Angle Scale
5. Rip Guide Lock
6. Front Handle
7. Rating Plate
8. Motor Vents
9. Depth Lock
10. Spring Loaded Blade Shield
11. Saw Blade
12. Blade Locking Washer & Screw
13. Blade Shield Retractor
14. Grip Release Slider
15. Dust Extractor Fitting
16. ONE(1)GRIP(Sold Separately)
17. Battery (sold separately)

# preparing your work

read all instructions

- Mark your cut and use the notch at the front of the Sole Plate to guide the blade.
- Set the depth of cut so it just clears the timber. 2-5mm is enough. This will help prevent blade binding, help prevent splintering and improve efficiency.
- Start the saw and allow it to reach full speed before starting the cut. Maintain a steady, even pressure and speed that does not slow the rotation speed. Ease off slightly if the blade slows but continue the cut in one pass when possible and safe to do so to ensure a clean cut.
- Use a guide. A rail system is best, a straight edge clamped to the work piece is a good alternative. Fit the adjustable rip guide onto the saw to use the edge of the work piece as a guide. For short rips, a single clamp can be positioned on the work piece so the edge of the sole plate runs against it -see the sole plate measurements at the bottom of this page.
- A smoother finish can be achieved by using a blade with more teeth. A blade with less teeth will make a faster, rougher cut that uses less energy.
- The teeth of the blade can cause cracks and splintering as they exit whereas the entry side will have a smoother finish. When cutting a finishing piece -eg a worktop or skirting board. Face the finished side downward and run the saw along the back. Scoring timber can also help prevent splintering.
- Splintering can be reduced when cutting diagonally across grain by cutting with, rather than against the grain.
- Slow down slightly but follow through at the end of a cut to prevent scuffing the cut with the back of the blade or leaving snags or chips. Ensure the blade has cleared the cut before allowing the saw to leave the guide.
- When cutting thick timber or performing compound or angled cuts it may be necessary to rotate the blade shield to prevent it stopping the cut as it hooks on the edge of the work piece. Use the Blade Shield Retractor to rotate the shield into the saw. As the rear of the blade enters the work piece, release the Blade Shield
- When doing big jobs that require constant charging of the batteries remember that you can swap Li-Ion batteries at any time during a charge/ discharge cycle.

  A 4.0 Battery will be charged to 80% of its full capacity in the first 60 minutes on the fast charger, the final 20% capacity charges at a lower current.
- The maximum capacity of a Li-Ion battery drops faster in warm conditions permanently reducing its working lifetime. Storing the batteries at a stable temperature below 20°C (68°F) and above freezing will allow them to retain a higher capacity throughout their life, avoid keeping them in hot vehicles or storage areas. This is different to other types of battery such as NiCD, NiMh and Pb which last longest in a warmer environment 10°C - 24°C (50°F -75°F).
- Never store a Li-Ion battery for a long period with a low charge, maintain 40 to 80% charge in general use and storage to avoid premature failure.
  Once every 10 charge cycles it is advised to fully discharge, then fully charge the battery, this will help maintain maximum capacity



# intented use

## fitting ONE(1)GRIP & battery

The machine is intended for lengthways and crossways cutting of wood with straight cutting lines as well as mitre cuts in wood while resting firmly on the work piece or correctly mounted in the WORKCASE. With suitable saw blades, thin-walled non-ferrous metals eg. profiles, can also be sawed. Working ferrous metals is not permitted. Read and understand all safety warnings and all instructions before operating this product. Failure to follow the warnings and instructions may result in electric shock, fire and/or serious injury.

**warning!** When changing battery, blade or whenever the tool is not in immediate use the direction switch must be in its central locked position to prevent accidental starting. Ensure the tool will not be accidentally started by pressing the trigger. NOTE! Remove any debris from the area that joins the ONE(1)GRIP and Battery to the tool. Damage to contacts or mechanical controls could occur if debris is caught between them.

## inserting ONE(1)GRIP

Align the rails on the Circular Saw so they will slide smoothly into the rails on the ONE(1)GRIP. Once aligned, slide the two parts together firmly until there is a "click" as the locking catch engages. Test the catch is secure and the electrical contacts are engaged by selecting a direction and briefly pressing the trigger.

## removing ONE(1)GRIP

Hold the assist handle of the Circular saw, while sliding the two release sliders to the rear and slide the ONE(1)Grip out of the tool from the rear.

## prepare your work

By preparing your work and work area you will be able to perform your cuts more accurately, efficiently and safely. Supporting your work will prevent blade pinch allowing the blade to pass more freely through the work, this will greatly improve battery life and appearance of cut as well as reducing dangerous kickback.

# operating the tools

**NOTE!** Always remove the battery before cleaning or making adjustments to the tool or attachments.

### changing the Blade

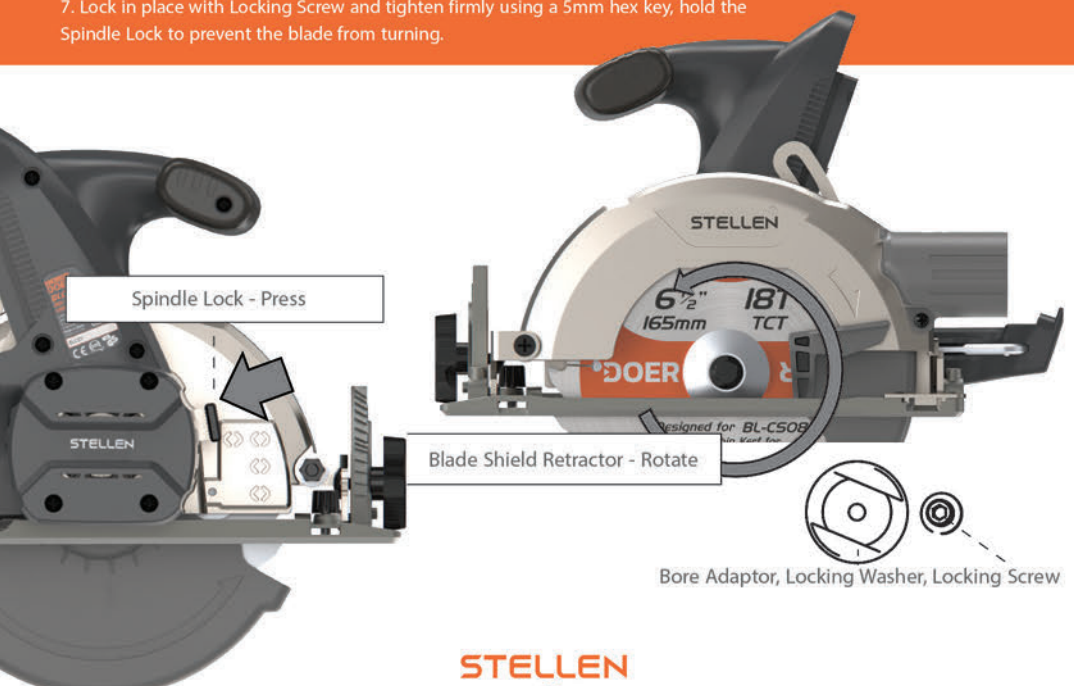
1. Remove battery.
2. Press and hold spindle Lock.
3. Remove Locking Screw (reverse thread) Remove washers.
4. Retract Blade Shield.
5. Fit replacement blade.
6. Place Locking Washer.
7. Lock in place with Locking Screw and tighten firmly using a 5mm hex key, hold the Spindle Lock to prevent the blade from turning.


flying debris


protecting vison
hearing respiration


wear approprate
clothing


sharp blades






# choosing the right blade

### change blade angle

Rotate the Angle Lock anti-clockwise to unlock.
Set the blade angle using the scale.
Rotate the Angle Lock clockwise to lock it in place.
Check the angle is correct and the plate is locked before cutting.

Always remove the battery before cleaning or making adjustments to the tool or attachments.

### start the tooling

After fitting a charged Battery and ONE(1)GRIP, Grip both handles and move the Safety Switch from the central position to either side to allow the trigger to be pressed.

Be prepared for sudden kickback then squeeze the trigger to start the saw.


1. Always grip both handles when using the saw
2. Angle Lock Rotate
3. Insert optional Rip Guide here or from other side – Tighten locking screw to secure
4. Depth Lock - Rotate
5. Safety Swich - Press (either side)
6. Trigger - Press

# technical specifications

| | |
|---|---|
| **product code** | BLJS1 |
| **battery** | 20 Volt_Max |
| **spm** | 0 - 3000(variable speed) |
| **max cut thickness** | 3.5cm (1.5 inch) |
| **length of stroke** | 2.5cm (1inch) |
| **cutting angle** | 0˚- 45˚(left to right) |
| **stroke per minute** | 1,000 - 3000spm |
| **orbital motion** | 3 settings |

## jigsaw safety warning

No person should use these products without first reading and understanding all documentation and warning labels. Keep these instructions safe and provide them to all users. For use only as outlined in this document, any other use will be considered as misuse.

If you experience any problems with the product please contact

email: support@stellenDOER.com

**www.stellenDOER.com**

## Additional Safety Warnings for Jigsaws

*a.* When operating the saw, use safety equipment including safety goggles, ear protection, suitable dust mask and protective clothing including safety gloves.

*b.* Check the workpiece for any protruding nails, screw heads or anythin that could damage or obstruct the blade.

*c.* Do not force the Jigsaw. let the jigsaw do the work.

*d.* Do not try and cut a curve that is too tight. This will put undue pressure on the blade causing it to snap. • Never use the saw near flammable liquids or gases..

*e.* Allow the jigsaw to stop completely before removing it from the workpiece.

*f.* Keep hands away from cutting area and blade.

*g.* Do not reach underneath the workpiece.

*h.* If you are interrupted when operating the saw, complete the process and switch off before looking up.

*i.* Always hold the saw on parts that are insulated. If you accidentally cut into hidden wiring or the saw's own cable, the metal parts of the saw will become "live'.

*j.* Ensure the blade is held tightly by the quick release system but can run freely in the blade guide. Adjust the blade guide as necessary for each blade.



# BRUSHLESS orbigal jigsaw


1. quick release blade holder
2. adjustable sole plate
3. Blade (sold separately)
4. motor vents
5. orbital cut scale
6. mounting rails and contacts
7. safety switch - both sides
8. ONE(1)GRIP release slider - both sides
9. trigger
10. battery ( sold separately)
11. sole plate angle lock / release


# operating the tools

## note!

Before using briefly activate the jigsaw to ensure the blade is centred and secure. If there is any binding or unusual movement then loosen and re-fit.

## to start the jigsaw

Press the Safety Switch from either side and hold while pressing the Variable Trigger. The safety switch can be released once the jigsaw is running.

## note!

Always secure your work in a way that allows the blade to move freely below the cut material and so that the work piece does not jam the blade between cut edges.

## note!

Firm pressure keeping the sole plate on the work piece will prevent the jigsaw from kicking back if the teeth on the blade suddenly catches in the work piece.

## warning!

Take extra care to prevent fingers and other objects coming into contact with the blade, especially on the other side of materials being cut.

## always wear safety equipment when operating powertools


be ware of others


keep dry


flying debris


wear appropriate clothing


sharp blades


protecting vison hearing respiration


read all instructions

Measure and mark cuts allowing for the width of the cut, KERF.

Let the saw reach full speed before allowing blade to contact work piece.

Choose a sharp good quality blade that is suitable for your material and type of cut, see below.

Keep sandpaper handy to finish cut surfaces.

To reduce kickback make sure your blade is long enough so that even at the top of the up stroke it is visible on the other side of the material.

Clamp your work so it cannot be moved by the stroke of the jigsaw, this will make it safer and your cut will be cleaner and more efficient.

Check both sides of the cut, blades can flex in the material and go off line easily. Also check for objects in the path of the blade.

## wood

For fast straight cuts with a rough finish use a THICK blade with large ~3mm~ TOOTH SPACING (~10TPI).
For a smooth finish use a blade with more teeth (20-30TPI)

## metal

Soft metals can sometimes be cut with a wood blade.
Harder metals and pipes can require a specialized blade.
Usually over 20TPI, with a MILLED WAVY tooth pattern for a good finish and long life.Heat buildup may harden some metals, use oil or water to keep cool.

## plastic, perspex, plexiglass

Soft metals can sometimes be cut with a wood blade.
Harder metals and pipes can require a specialized blade.
Usually over 20TPI, with a MILLED WAVY tooth pattern for a good finish and. Cover the sole plate with masking tape or similar to prevent scratching.

Support with a plywood or similar to prevent sagging. Cover the cut area with masking tape to prevent splitting and aid in marking up. Use a GROUND tooth blade ~24TPI keep pressure and speed constant to prevent melting, pausing with the motor running will cause heat buildup.

Use water to keep the blade and the material cool. life.Heat buildup may harden some metals, use oil or water to keep cool.



# intended use

With an appropriate attachment fitted in the Blade Holder this tool is intended for cutting wood, metal and plastic in straight lines or curves up to the ability of the fitted attachment and within the specification of the tool.

Sharp blades, heat buildup, harmful dust and flying debris are a danger to user and bystanders. Use of suitable protective clothing gloves, footwear, lung, eye and ear protection as well as safe working practices can reduce these risks. Always switch the tool off prior to any adjustment.

Read and understand all safety warnings and all instructions before operating this product. Failure to follow the warnings and instructions may result in electric shock, fire and/or serious injury.

## warning!

When changing battery, bit or whenever the tool is not in immediate use the direction switch must be in its central locked position to prevent accidental starting. Ensure the tool will not be

# fitting and removing blade

## fitting a ONE(1)GRIP

**NOTE!**Remove any debris from the area that joins the POWERhandle to the tool. Damage to contacts or mechanical controls could occur if debris is caught between them.

Align the rails on the tool so they will slide smoothly into the rails on the UniGrip. Once aligned, slide the two parts together firmly until there is a "click" as the locking catch engages. Test the catch is secure and the electrical contacts are engaged by selecting a direction and briefly pressing the trigger.

## removing the ONE(1)GRIP

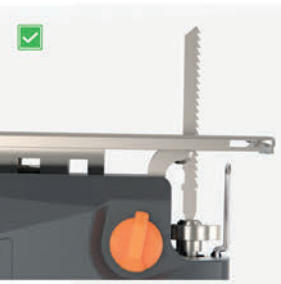
Hold down the ONE(1)GRIP Lock Button while sliding the two ONE(1)GRIP Release Switches to the rear of the handle and slide the ONE(1)GRIP out of the tool from the rear.


# fitting a ONE(I)GRIP

## TO FIT JIGSAW BLADE

### jigsaw safety precautoins and pendulum action instructions

Before placing hands near the blade, ensure that the Unigrip and/or battery are removed from the tool. Turn the saw upside down with the black sole plate facing upward. Open the blade receiver on the Jig saw's main shaft by twisting the receiver lock clockwise. Insert the T-shank end of the blade. Before releasing the receiver lock, ensure the blade is fully inserted. After releasing the blade lock, gently tug on the blade to confirm that it is secure.






# choosing the right blade

TPI means Teeth Per Inch, also know as TOOTH SPACING measured tip to tip. KERF is the width of the cut. DRAFT indicates the blade is thicker at the teeth edge than the back edge, this helps to prevent jamming and allows the blade to cut curves but will also make it harder to cut a straight line. Blades described as THIN indicate the distance from teeth edge to back edge, a THICK blade will assist in a straight cut. Tooth patterns: MILLED, longer lasting, good for general use and hard woods, give a rougher cut than; GROUND, sharper teeth that wear quickly but give a clean finish and a faster cut; GROUND TAPERED and GROUND SIDE give good and excellent curve capabilities respectively; REVERSE CUT, cut on the down stroke. These reverse cut blades are ideal for laminated surfaces such as kitchen work surfaces but make the jigsaw much harder to control as they push the sole plate away from the work piece.

# technical specifications

| | |
|---|---|
| **product code** | WKL - X1 |
| **battery** | 20 Volt_Max |
| **lumen** | 350-450 |
| **colour temprature** | 2900-3000k |
| **soft light mode** | 1.5W |
| **bright light mode** | 3.0W |
| **USB charging** | 1A output (lower amperature when using non-branded USB charging cord) |

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If you experience any problems with the product please contact

email: support@stellenDOER.com
**www.stellenDOER.com**

**Caution**: Ensure all surfaces are secure and there is no risk of the hand torch falling before hanging.

Do not hang the hand torch from any wires or other unsecure anchor points, ensure you do not shake the hand torch or the surface when it is hanging, to avoid any personal injury or property damage.

**WARNING;** To reduce the risk of personal injury turn Worklight off and ensure it is removed from all power sources before attempting any adjustments or the installation of any accessories.

**Battery Pack Installation and Removal**
**NOTE :** For optimum results ensure the battery pack has been fully charged before use.To install the battery pack align the rails on the top of the pack with the rails of the Worklight

**On / Off Switch**
To turn on the hand torch, press the switch located at the top of the base of Worklight



# WKL-XI Worklight

## WORKLIGHT/LANTERN/ USB CHARGER


1. LED
2. Switch
3. Flexible wand
4. USB Charging Pot
5. Lantern Diffuser
6. Battery

# flexible wand for hanging lamp/ worklight

adjust lamp head position (360 degree arbitrary bend flexible neck)

**WARNING!** do not direct the light beam into eye

360°

adjust head of worklight position (bend flexible wand)

install or remove battery pack

USB port 5V 1A



# WKL-XI Worklight

swot to and from lamp/ worklight mode

ON/OFF

**Carrying and Suspending the WORKLIGHT**

The WORKLIGHT maybe carried via the handle or alternatively placed on a table surface, handsfree

connect or disconnet USB chareger

USB port 5V 1A

# technical specifications

| | |
|---|---|
| **product code** | HWC2 |
| **max cutting height** | 80mm |
| **battery** | 20 Volt_Max |
| **tempretures range** | 50 - 250˚c |

## hotwire cutter warning

No person should use these products without first reading and understanding all documentation and warning labels. Keep these instructions safe and provide them to all users. For use only as outlined in this document, any other use will be considered as misuse.

If you experience any problems with the product please contact

email: support@stellenDOER.com

**www.stellenDOER.com**

## Additional Safety Warnings for hotwire cutter

*a.* provide good ventilation, when using the device.

*b.* observe the materials suppliers safety instructions when cutting.

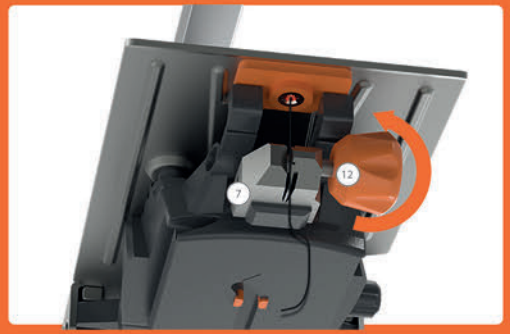
*c.* the cutting wire is hot. risk of skin burn!

*d.* do not use device near curtains or other combustilbe materials.

*e.* do not leave the device unattended when it is switch on.

*f.* only use the supplied cuttng wire or orginal STELLEN replacement wire, otherwise the transformer can become overloaded.

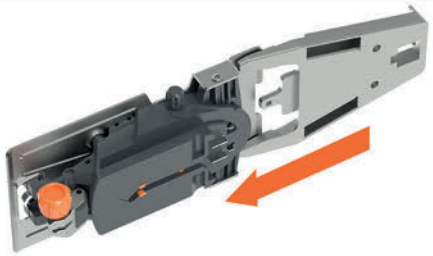
*g.* switch off device after use.






# 50-250˚C hotwire cutter


1. mounting screw
2. contact to ONE(1)GRIP
3. extension fasten knob
4. L-shaped support
5. connect release button
6. hotwire
7. spring-loaded wire holder
8. ON/OFF and Temperature Control
9. POWER ON LED Indicator
10. hotwire-cutter-base
11. hotwire-connect
12. hotwire clamping knob



1 Switch off the device. Insert the Handheld connect base to the Hotwire base body

2 Insert the L-shapped tube into the hole of the Handheld-connect

3 Turn the screw knob until the L-shapped tube fixed to the handheld-connect

4 Extend the length of the tube to increase the length of cut if necessary.

5 Unwind the cutting wire by turning the wheel until enough wire to pass through the hole.

6 Insert the wire through the small hole on the Hotwire-cutter-base.



7 Passing the wire between the gap of the 2 aluminum blocks, then tighten the screw by turning the knob.

8 press the spring-loaded wire holder (2 aluminum blocks), while turning the wheel to wind a little length of wire back to wheel to increase the tension of the wire.

9 Connect the ONE(1)GRIP to the base of the Hotwire-cutter.

10 turning the knob to power on/off, and adjusting the temperature of the wire. The RED LED will be lit when the power is on.

11 Hotwire cutting

12 exchange the position of the tube and L-Shaped Tube can change the length, height and angle of the cutting.

# technical specifications

| | |
|---|---|
| **Rated Input voltage** | 110-240V ~50/60Hz |
| **Output voltage** | 20v |
| **Charging current 2A Rated Input power 50W** | 2A |
| **Rated Input power** | 50W |
| **Charge battery** | Li-Ion |
| **Protection class** | /II |
| **Machine weight** | 0.80lbs (0.35kg) |

### Product safety instructions

**CAUTION:** This battery charger may contain substances classified by the State of California as carcinogenic and which may cause reproductive harm and congenital disabilities. Clean your hands thoroughly with soap and water after use.

### Radiation Emission Standard

This battery charger has been tested and approved to comply with Class B digital device requirements in Part 15 of the FCC Rules and meets the Canadian ICES-001 requirements. The use of the device is subject to the following conditions, which protect residential installations from harmful interference:

1. That the device may not cause any harm
2. That the device must accept any interference received

If not correctly installed, radiofrequency energy used, generated, and radiated by this battery charger may result in harmful interference of the regular radio waves, affecting radio and TV reception.

If the device causes harmful interference to your TV or radio's reception, try the following procedures to correct the interference:

1. Change the direction or relocate the antenna of your radio or TV
2. Increase the distance or space between the device and the receiving antenna
3. Connect the device to a different power socket from that of the receiving antenna
4. Seek the help of a radio or Tv technician

Any modifications to this product without the approval of the bodies responsible for compliance could void the product's compliance and your authority to use it.

### Charging information

1. Recharge all new batteries and those that have been in storage for long before use. Ensure you have fully recharged batteries before storage for maximum battery life.
2. Ensure you charge the batteries at an optimum temperature of 65 et 750 F (180°C -240°C) for maximum battery life. Charging the batteries below 400F (4.5°C) and above 1050F (40.5°C )predisposes them to severe damage



# FAST CHARGER AND BATTERY


① rails

② FC8-X1

③ mains input

④ If this plug does not match your local supply, contact your suplier immediately.

3. Do not freeze your batteries and the charger or immerse them in water or any other liquid.
4. Do not insert any metallic objects into your charger or battery connections
5. If your batteries do not produce enough power for jobs previously done easily, please recharge them. You may recharge partially used batteries at any time without any negative impacts on the battery.
6. The charger and batteries may feel warm to touch when charging. That is normal.
7. If the battery runs out of charge after continuous exposure to heat, allow it to cool before recharging to get a full charge.
8. Ensure there are no batteries in the charger when unplugging it from the power socket.

If the batteries fail to charge or do not charge properly, follow the following procedures:

- Confirm the power socket is functionally by plugging in another appliance
- Check whether the charger is okay
- Check whether the battery pack has been appropriately inserted into the charger
- Check whether the batteries have been damaged
- If the surrounding temperature is not optimal, move the charger and the batteries to a location with optimal temperatures, 65 et 750 F (180C-240C).
- Seek professional help from credited service centers if the problem persists.

### Charging procedure

1. Plug the charger into a power socket. A GREEN indicator light will be lit.
2. Insert a battery into the charger. A RED indicator light will be lit if the battery is inserted correctly and is charging.
3. A GREEN indicator light will be lit after the battery is fully charged.

If you experience any problems with the product please contact
email: support@stellenDOER.com
**www.stellenDOER.com**



# 20V_max Li-ion Battery Pack


| Light | ICON | STATUS |
|---|---|---|
| GREEN ON | | connected to power source |
| RED ON | | charging |
| GREEN ON | | fully charged |

**WARNING INDICATOR LIGHTS**

This battery charger is designed to notify the user of problems, if any arises, during charging through flashing lights.

| | |
|---|---|
| GREEN FLASHING | battery temperature protection |
| RED FLASHING | connection error indication |

### Safety warnings for battery

- Do not open, dismantle or shred your battery.
- Do not use or store your battery pack near a source of heat or fire.
- Do not short-circuit your battery pack. Short-circuiting may cause burns or even fire.
- Avoid storing your battery pack in places where they may short-circuit, such as metal boxes or with metal objects.
- Keep the battery pack in its original packaging until when you need to use it.
- Store the battery in a clean, cool, and dry place
- Do not expose the battery to any mechanical shock.
- Observe the positive (+) and negative (-) terminus on the battery
- If your battery leaks, avoid liquid contact with the skin and eyes. In case of contact, clean the affected area with adequate water and visit a healthcare provider.
- Store the batteries out of reach of children
- Only use the STELLEN designated batteries for this battery charger
- In case a battery is swallowed, seek medical attention immediately
- Use a clean, dry cloth to clean dirty battery terminals
- Do not overcharge the battery
- Recharge the battery after a long storage period to extend its life and for maximum performance.

### Battery temperature protection

This battery charger comes with a battery temperature protection feature, which detects if a battery pack is too hot or cold, lighting a GREEN flashing indicator light. The battery temperature protection feature automatically activates the protection circuit, suspending charging until the battery reaches the correct temperature when charging resumes automatically and is indicated by a RED light.

This battery charger also detects if the connection between the charger and the battery, lighting a RED flashing indicator light when the connection is loose or not firm enough.


### Charge level

Press the small Test button to show the charge remaining in the battery.

**3 LED: All lit to show full charge,**
**2 LED: light up to show half charge,**
**1 LED: is lit when there is a low charge.**

### Charging time (approx.)

2.0Ah Battery, Approx. 1hr
4.0 Ah Battery, Approx. 2hr
5.0 Ah Battery, Approx. 4hr

# ONE(I)GRIP

The ONE(1)GRIP stands at the core of the DOER System. By sliding the grip from the rear to the front of DOER tool head's installation grooves until a satisfying, audible *click* is heard, portable power tools with continuously variable operation speed are created after installing a battery pack. The ONE(1)GRIP has secondary controls that reverse direction in some tools, and act as a safety interlock in others.




# AC/DC Converter and AC/DC Extender

The AC/DC converter enables the benchtop tools to run directly from the mains power. Plug into any electrical outlet and work nonstop with DOER benchtop tools. (sold separately)

## AC/DC Extender


## AC/DC Converter

# WORKCASE & FOLDABAG

## STORAGE

1. Stainless Steel Amoured WorkCASE
2. Storage for Post/Fence
3. Slot for Accessory Case
4. Telescopic Handle
5. Aluminum Tube Carrying Handle
6. WorkCASE space for FOLDABAG storage.
7. FOLDABAG for Tools and Accessories
8. Accessory Case for Bits and Blades

## foldabag

The foldabag provides secure storage, and exceptional space efficiency. Unzip the bags corners to expand and give easy access to all of its contents. Each tool has its outline printed in its designated storage area.

Each area has custom straps for secure storage. Once all tools are placed and strapped, fold the bags sides one by one and secure them with the attached zippers and clips.

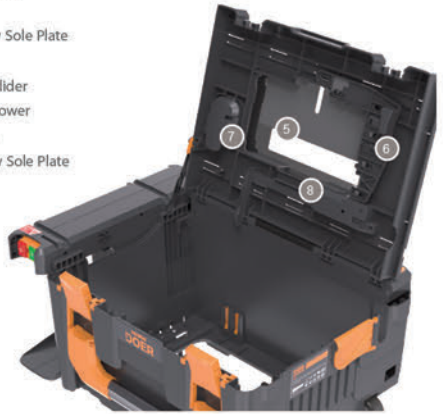



# foldabag

1. Scroll saw guide
2. Hotwire cutter base
3. Worklight
4. Battery
5. Jigsaw
6. L-shaped tube
7. Circular saw
8. Hammer drill
9. Protractor
10. ONE(1)GRIP
11. Scroll saw shield
12. Drill stand
13. Press-lever/ push-stick

# CHARGING DOCK

1. Charging Dock
2. ONE(1)GRIP
3. Battery pack
4. Charger
5. Table Saw Sole Plate
6. Pocket
7. Locking Slider
8. Internal Power Coupling
9. Scroll Saw Sole Plate Pocket



To charge the ONE(1)GRIP and Battery connect the mains plug to a suitable mains outlet.

Align the rails of the ONE(1)GRIP with the rails of the charger dock. Slide until it "clicks" into position.
When charging a Li-Ion battery the time until fully charged will be shown.
Indicates a battery that is over temperature. The Battery pack will not be charged until the temperature drops below safe limits. Allow a hot battery to cool or reset the system.
If the batteries are not charging please contact your point of sale or **support@stellenDOER.com**

This charger is designed to charge 20V_max volt Battery pack only, using any other battery with this charger could cause serious harm to persons and property.

Charge only within a temperature range of 0°C to 45 °C if the battery goes

outside this range while charging it may be damaged or not reach full capacity.

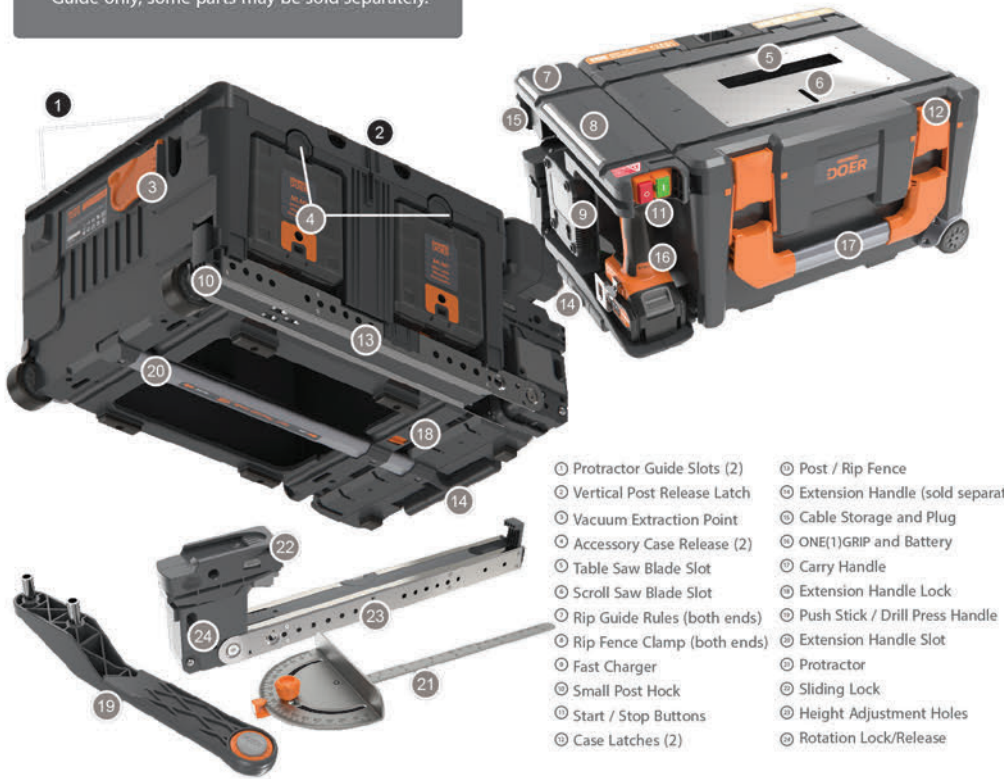
Always remove the battery from the tool/charger and store it in a dry, secure place between 10°C and 24°C (50°F) and (75°F) when not in use.

**Note!** ONE(1)GRIP Battery pack are shipped in a low charge condition. You should charge fully before use and always charge before storage.



# WORKCASE & ACCESSORIES

Guide only, some parts may be sold separately.



1. Protractor Guide Slots (2)
2. Vertical Post Release Latch
3. Vacuum Extraction Point
4. Accessory Case Release (2)
5. Table Saw Blade Slot
6. Scroll Saw Blade Slot
7. Rip Guide Rules (both ends)
8. Rip Fence Clamp (both ends)
9. Fast Charger
10. Small Post Hock
11. Start / Stop Buttons
12. Case Latches (2)
13. Post / Rip Fence
14. Extension Handle (sold separately)
15. Cable Storage and Plug
16. ONE(1)GRIP and Battery
17. Carry Handle
18. Extension Handle Lock
19. Push Stick / Drill Press Handle
20. Extension Handle Slot
21. Protractor
22. Sliding Lock
23. Height Adjustment Holes
24. Rotation Lock/Release

# DRILL PRESS BRUSHLESS


- Max. Drill Thickness: 2.5in. (65mm)
- Chuck: 13mm (1/2in.) Metal Sleeve
- RPM: 550 / 1,850 rpm
- Battery: 20V_Max

① post
② post lock
③ drill bit
④ chunk
⑤ high/ low speed
⑥ lever



# ASSEMBLE A DRILL PRESS

Open the case lid and remove any fitted tools, then close the lid and lock the 2 latches.

Insert the Post/Fence vertically into the rear of the case with the small hock toward the rear of the case.

Hold the Drill firmly and align its Rails with those on the Post. Slide the drill firmly and sharply upward until it locks when it is locked in place, pull these away from the drill when you want to remove it.

Rotate the large end over toward the front of the case until it locks in place. If you want to unlock it, press the 2 Metal Buttons on the sides of the Post and rotate back again.

Push it down until it locks into place, to adjust the height or remove the post you can lift the vertical Post Release.



# DRILL PRESS FUNCTION

## start/stop

Use the Green and Red Start / Stop buttons to start and stop the tools fitted to the case.

Fit the Lever/Push-Stick into the 2 Lever Holes on the side of the Post and pull downward to press the drill down.

① post
② post lock
③ drill bit
④ chunk
⑤ high/ low speed
⑥ lever

# install table saw shield to circular saw

1 remove any ONE(1)Grip and battery from the Circular Saw

2 put the Circular Saw body on a flat surface with saw lade facing upwards


3 rotate the spring-loaded Table Saw Shield fully to the stop position.


4 insert the front hole of the Table Saw Shield into the pin on the sole plate of the circular saw


5 press and hold the front end of the support of the able saw shield, rotate the rear end into the rear end of the slot of the Circular Saw sole plate


6 press the rear end or the Table Saw Shield support until hear it is securely held in place while holding the front end firmly.



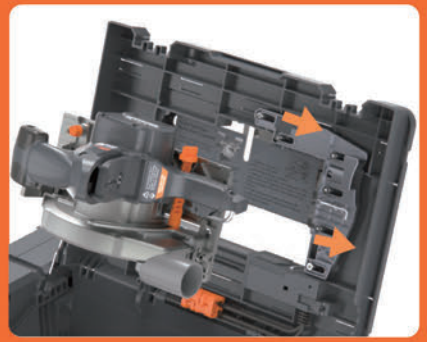
# TABLE SAW BRUSHLESS

- Max. Cut Thickness @ 0° : 2.25in (56mm)
- Max. Cut Thickness @45° : 1.75in (45mm)
- RPM: 4400 rpm
- Battery: 20 Volt_Max Li-Ion

① fence
② table sawshield
③ ON/OFF power
④ power source
⑤ saw blade
⑥ protractor slot
⑦ Telescopic Support Tube
⑧ Dust Extractor

# assemble a table saw

Fit the Circular Saw to the Case Lid
Open the case lid and remove any fitted tools. Fit the Blade Shield as shown. Slide the Locking Slider out of the way. Fit the nose of the Sole Plate into the recess on the left of the large slot in the lid and the blade through the slot. Rotate the saw into place and release the Locking Slider, ensure it slides back to hold the saw in place securely.



Fit the Internal Power Coupling onto the Rails on the saw in where the UniGrip handle connects for handheld use.
Set Blade Depth and Blade Angle then close and latch the lid.
Fit the Rip Fence by hooking the Small Hock onto the edge of the case then place it flat on the surface and rotate the large end so the 2nd hock is over the edge of the case, press the Sliding Lock downward to lock into place. To remove, slide this up again and unhook the post.

The Protractor can slide in the slots on either side of the saw.
All measurements should be taken from the saw blade when accuracy is vital. Provide adequate support to the rear and sides of the sawtable for wide or long workpieces



# cutting with table saw

### cross cut

1. Remove the fence
2. Adjust the protractor angle to 90°.
3. Put the protractor into the groove at thefront of the saw table.
4. Hold the workpiece and protractor firmly together and feed the workpiece slowly into the saw blade.

### mitre cut

1. Remove the fence
2. Adjust the protractor to the desired angle for you to cut into the workpiece.
3. Put the protractor into the groove at the front of the saw table.
4. Hold the workpiece and protractor firmly together and feed slowly the workpiece into the saw blade.

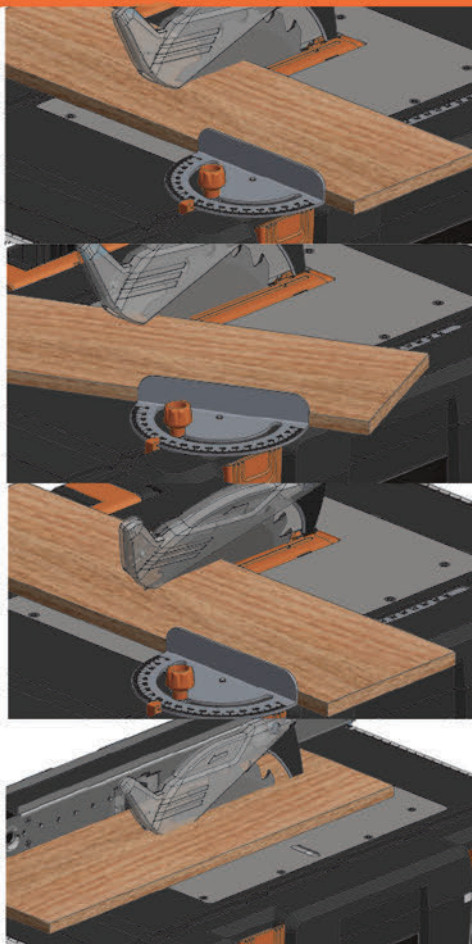
### bevel cut

1. Open the lid of the saw table, adjust the circular saw bevel angle by releasing the lock knob and re-tightening at the desired angle.
2. Position the fence at the desired distance from the blade.
3. Use the push stick or a push block to move the workpiece through the cut and past the blade.slowly the workpiece into the saw blade.

### rip cut

1. Position the fence to the desired distance from the blade for the cut. Securely lock the fence on the table by pressing the post slider head down firmly.
2. Hold the workpiece and protractor firmly together and feed the workpiece slowly into the saw blade.
3. Use the push stick or a push block to move the workpiece through the cut and past the blade.

**WARNING!** Never push a small piece of wood into the blade with your hand, always use the push stick or a push block.



# SCROLL SAW TABLE BRUSHLESS

- Throat Depth: 1.3in (33mm)
- Max. Cut Thickness 1.5in (40mm)
- SPM: 2,800 spm
- Battery: 20V_max

① Scroll Saw Guide
② Transparent Blade Shield
③ Saw Blade
④ Scroll Saw Guide




# assemble a scroll saw

**NOTE!** This page refers to parts not included in all packages.

## fit the jigsaw to the case lid

Open the case lid and remove any fitted tools. Slide the Locking Slider out of the way. Fit the rear of the Sole Plate into the recess at the bottom of the opening in the case lid and the blade through the small slot in the case lid. Rotate the saw into place and release the Locking Slider, ensure it slides back to hold the saw in place securely.

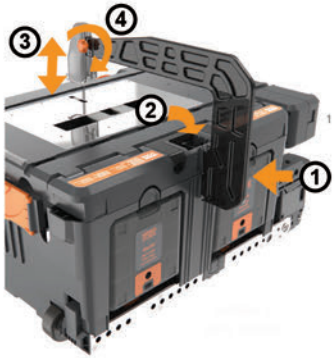
## internal power

Fit the Internal Power Coupling onto the Rails on the saw in where the Unigrip connects for handheld use. Set Blade Angle then close and latch the lid.


① insert the Scroll Saw Guide horizontally into the rear of the case.

## closing the lock latch

② Close the lock latch
③ adjust the transparent blade shield up or down to fit diffent thickness or wood piece, turn the knob to lock the shield in position.




These instructions should be read in conjunction with those for the case used.

# GUARANTEE AND DECLARATION

Normal wear and tear, including accessory wear, is not covered under guarantee. Following successful registration, the product is guaranteed for domestic use against manufacturing faults for a period of 24 months. Proper care is required to maintain this product in working condition. This product is not guaranteed for hire purposes.
To request service, purchase replacement parts, and new add-ons, locate an Authorized Service Centre or Dealer and obtain Customer or Technical Support by visit:
**www.stellenDOER.com**
If any parts or accessories are damaged or missing, do not return this product to the store. Contact us via email: **support@stellenDOER.com**

## EC Declaration of conformity

Herewith we, manufacturer:
Stellen LLC, DE 19901, USA
declare that the machine's Designation:
Cordless Drill, Cordless Circular Saw, Cordless Jigsaw, LED Worklight, Hotwire Cutter
Model/Type : BLHD1, BLCS1, BLJS1, WLK-X1, HWC2 correspond with applicable EU directives 2006/42/EC, 2014/30/EU and are manufactured in accordance with the following standards or standardized documents: EN-62841-1-:2015, EN 62841-2-1:2018, EN 62841-2-2014, EN55014-1-2006+A1+A2, EN 55014-2-:2015
The Technical documentation is kept by our authorized representative:
C Enterprise Czech s.r.o.
Vondrakova 637/18, Brno – Bystrc, 635 00, Czech Republic
C Enterprise (HK) Limited
Unit 16, 7/F, Mega Cube, 8 Wang Kwong Road, Kowloon Bay, Kowloon, H.K.

# notes

# BRUSHLESS TABLE SANDING

By Mounting the Brushless Drill onto the Drill-Fence-Mount and the Sanding pad and Sanding Table convert the machine to Table Sander.

- Battery: 20 Volt Max
- Sanding Pad Diameter: 15cm (6in.)
- Speed Setting: HI/LOW ~550/~1850RPM




TABLE SANDER ASSEMBLE

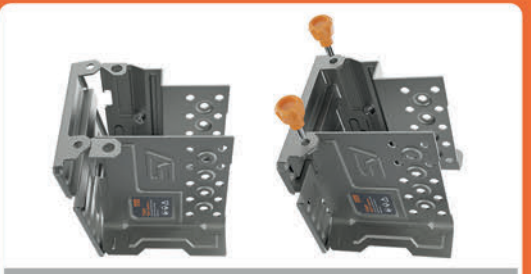
1 Put the Drill-Stand to the Post/Fence locked on the table Surface

2 Secure the four screws

3 Install Drill on to the slot of Drill Stand

4 install sanding pad

5 attaching the sanding paper



6 Exploded view of Sanding Table.

7 Align the sanding table near the mounted sanding pad

8 Align the holes same as seen on the diagram (orange circles) and secure the 3 screws

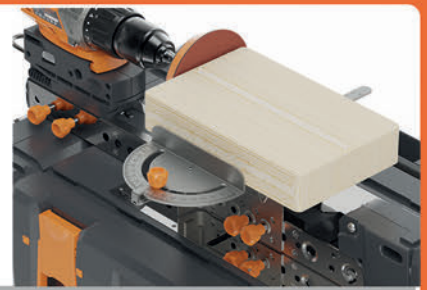
9 your mounting assemble is ready for sanding

10 Select drill mode
Select Low Gear mode (1).

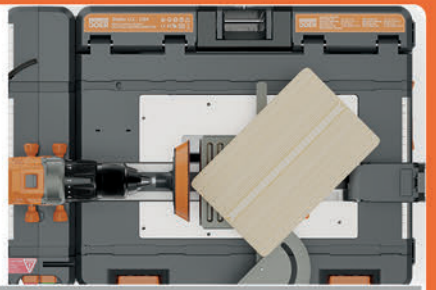
11 Insert ONE(1)Grip with Battery pack attached or AC/DC Converter on to the Charging Dock


12 Insert ONE(1)Grip with Battery pack attached or AC/DC Converter on to the Charging Dock





13 place wood piece onto the surface, whilst you guide the wood with the protractor for precise measurements

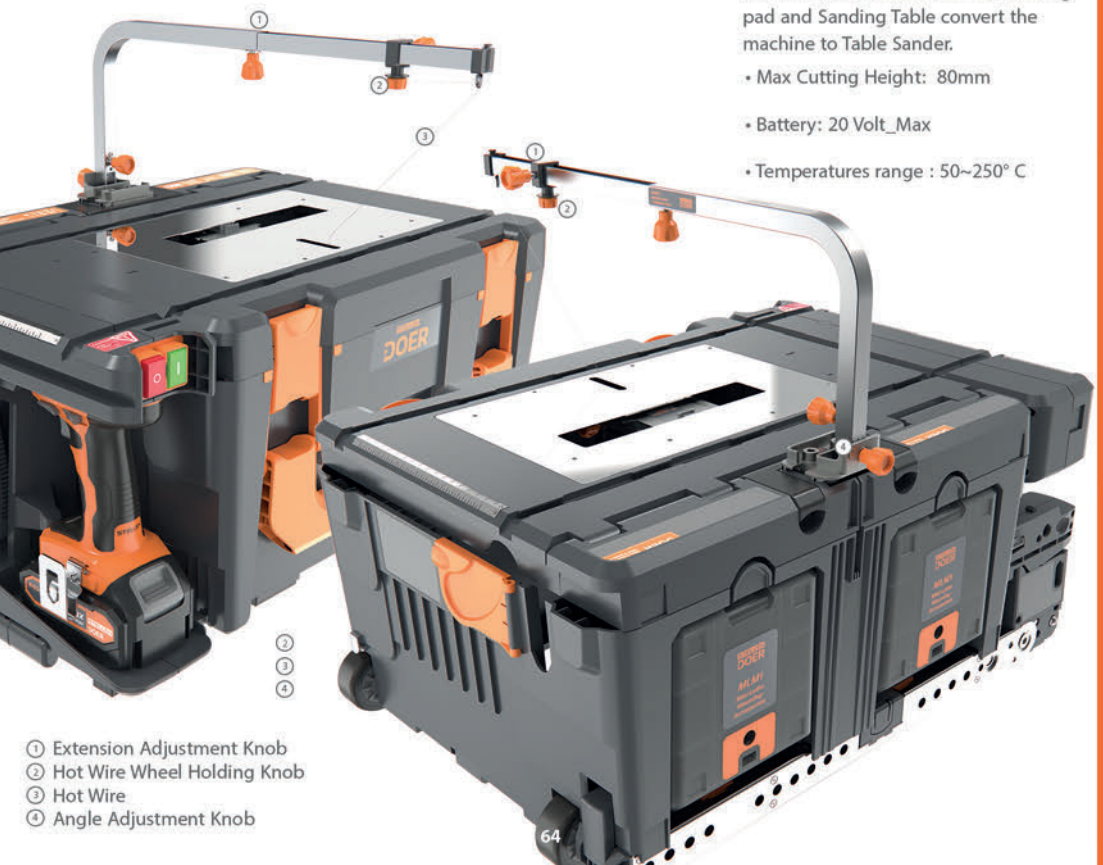


14 Protractor in an angle

# BRUSHLESS TABLE HOTWIRE

By Mounting the Brushless Drill onto the Drill-Fence-Mount and the Sanding pad and Sanding Table convert the machine to Table Sander.

- Max Cutting Height: 80mm
- Battery: 20 Volt_Max
- Temperatures range : 50~250° C



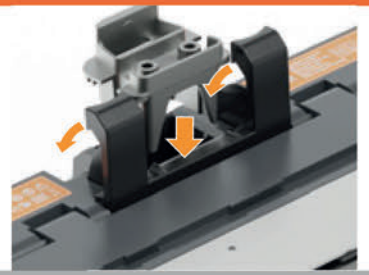

① Extension Adjustment Knob
② Hot Wire Wheel Holding Knob
③ Hot Wire
④ Angle Adjustment Knob



1 Open the Case Lid and remove any fitted tools. Slide the Locking Slider out of the way. Fit the Hotwire Cutter Base to the Case Lid.

2 Fit the Internal Power Coupling onto the Rails on the Hotwire Cutter in where the ONE(1)GRIP connects for handheld use. Release the Slider, ensure it slides back to hold the saw in place securely.

3 close the lid half way,, support the lid by putting the metal side bar to the slot on the right side of charging dock



4 Open the Case Lid and remove any fitted tools. Slide the Locking Slider out of the way. Fit the Hotwire Cutter Base to the Case Lid.

5 Insert the L-Shaped into the Table-hotwire-base-connector.

6 Insert the L-Shaped into the Table-hotwire-base-connector.

## assembling hotwire table

7

8

9 close the lid and lock latches

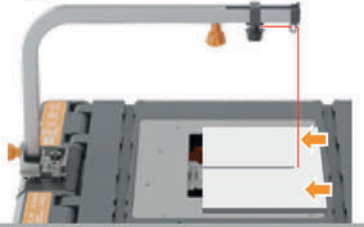
10 Connect the Aluminum bar back to the L-Shaped tube, and fasten the screw

11 Insert ONE(1)Grip with Battery pack attached or AC/DC Converter on to the Charging Dock

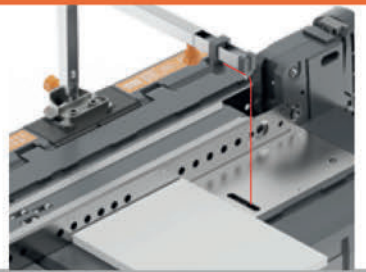
12 Power ON/OFF



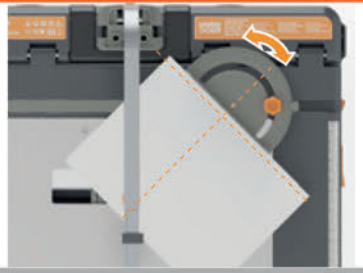
## Cutting with Hotwire Table



1 Turn the wheel to increase / reduce tension of wire.



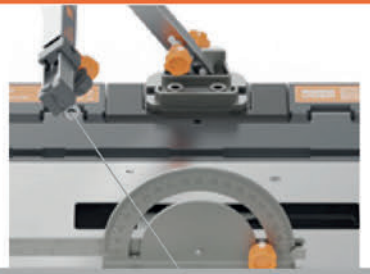
2 use the Fence provided to assist a strip/rip cut



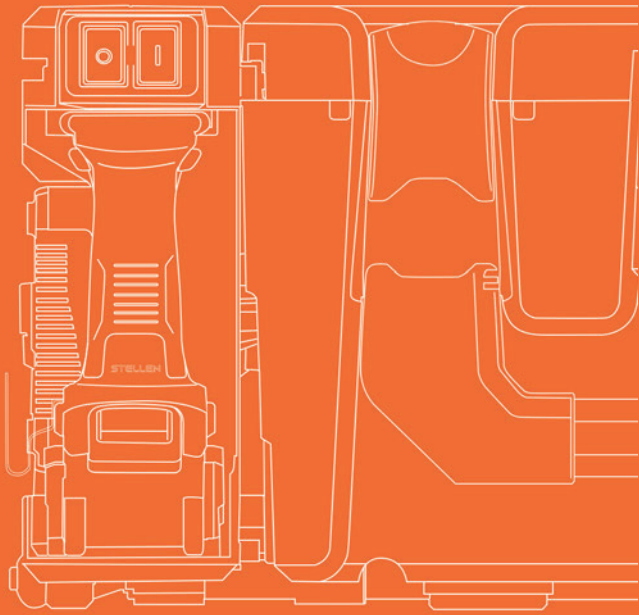
3 use the Protractor provided to assist an angle cut

4 measure the cutting angle with the Protractor,

5 measure the cutting angle with the Protractor,



6 measure the cutting angle with the Protractor,



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