



# CORDLESS LITHIUM-ION ANGLE GRINDER

## Ø115MM 20V 1HR CHARGE

MODEL NO: **CP20VAGB**

Thank you for purchasing a Sealey product. Manufactured to a high standard, this product will, if used according to these instructions, and properly maintained, give you years of trouble free performance.

**IMPORTANT:** PLEASE READ THESE INSTRUCTIONS CAREFULLY. NOTE THE SAFE OPERATIONAL REQUIREMENTS, WARNINGS & CAUTIONS. USE THE PRODUCT CORRECTLY AND WITH CARE FOR THE PURPOSE FOR WHICH IT IS INTENDED. FAILURE TO DO SO MAY CAUSE DAMAGE AND/OR PERSONAL INJURY AND WILL INVALIDATE THE WARRANTY. KEEP THESE INSTRUCTIONS SAFE FOR FUTURE USE.



Refer to instructions



Wear eye protection



Wear protective gloves



Wear safety footwear



Wear protective clothing



Wear ear protection



Wear a mask

## 1. SAFETY

- ✓ Disconnect the battery from the grinder unit before changing accessories, servicing or performing any maintenance.
- ✓ Maintain the grinder and battery in good condition. Check moving parts alignment on a regular basis.
- ✓ Replace or repair damaged parts. Use an authorised service agent and recommended parts only. Unauthorised parts may be dangerous and will invalidate the warranty.
- ✓ Ensure the grinder is switched off before installing the battery.
- ✓ Keep the grinder battery and charger clean for best and safest performance.
- ✓ Remove ill fitting clothing. Remove ties, watches, rings and other loose jewellery and contain long hair.
- ✓ Evaluate your working area before using the grinder e.g. ceiling, floors and enclosures may contain electrical items or water piping.
- ✓ Ensure battery is correctly inserted into the grinder handle and latched in place before attempting to switch on.
- ✓ Secure loose workpieces with a clamp, vice or other adequate holding device.
- ✓ Avoid unintentional starting.
- ✓ Wear approved safety eye protection (standard spectacles are not adequate).
- ✓ Maintain correct balance and footing. Ensure the floor is not slippery and wear non-skid shoes.
- ✓ Be aware that this grinder does not need to be plugged into the mains power.
- ✓ Keep children and unauthorised persons away from the working area.
- ✗ **DO NOT** use the grinder where there are flammable liquids, solids or gases, such as paint solvents, etc.
- ✗ **DO NOT** allow children to operate the grinder.
- ✗ **DO NOT** operate the grinder if any parts are missing as this may cause failure or possible personal injury.
- ✗ **DO NOT** hold unsecured workpiece in your hand.
- ✗ **DO NOT** carry the grinder with your finger on the power trigger.
- ✗ **DO NOT** use the grinder for a task it is not designed to perform.
- ✗ **DO NOT** operate the grinder when you are tired or under the influence of alcohol, drugs or intoxicating medication.
- ✗ **DO NOT** get the grinder, battery or charger wet or use in damp or wet locations.
- ✓ Keep the grinder, battery and charger in a safe, dry, childproof area where the temperature will not exceed 104°F (40°C).

## 2. INTRODUCTION

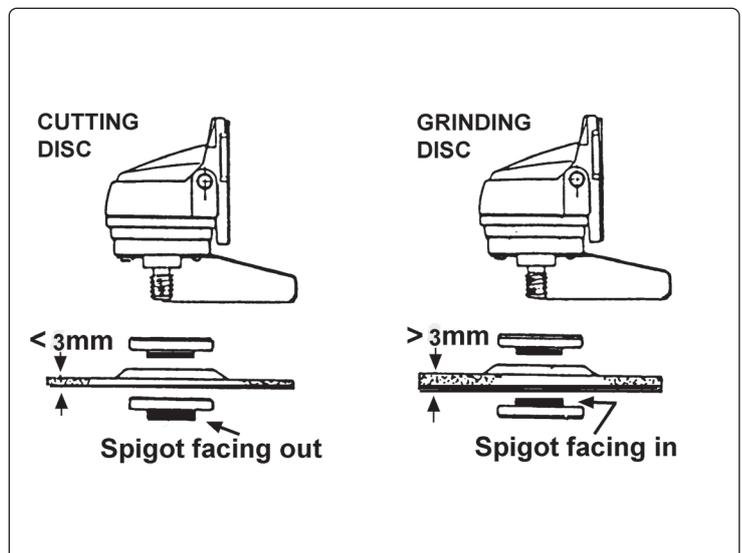
The 20V Series has been designed to suit the DIY enthusiast or the professional. These body only tools offer a one battery fits all solution with a choice of 20V lithium batteries ranging from 2Ah to 6Ah, meaning costs can be kept down whilst quality remains high. Quality, stylish, lightweight tools with composite housing and a soft grip making them comfortable and easy to use.

## 3. SPECIFICATION

Model No:.....CP20VAGB  
 Battery:  
 2Ah ..... CP20VBP2  
 4Ah ..... CP20VBP4  
 6Ah ..... CP20VBP6  
 Disc Size: .....Ø115mm  
 Spindle Size:..... M14 x 2mm  
 Motor Power:.....700W  
 No Load Speed:..... 10,000rpm  
 Replacement parts.....Mains charger - CP20VMC  
 Noise Power:.....94.8dB.A  
 Noise Pressure: .....83.8dB.A  
 Vibration: .....6.151m/s<sup>2</sup>  
 Vibration uncertainty: .....1.5m/s<sup>2</sup>

## 4. WHEEL / DISC FITTING

- NOTE:-** Remove battery to avoid accidental starting.
- 4.1. Clamp the wheel guard to the neck of the grinder.  
The orientation can be changed to suit the task later.
  - 4.2. Fit the side auxiliary handle to the user preferred side.



- 4.3. Fit the inner clamp ring, registering slot flats with the spindle flats.
- 4.4. Offer a grinding wheel/cutting disc (115mm diameter with \*22mm diameter bore and boss minimum thickness 3mm) on to the inner clamp ring spigot. If the boss thickness is less than 3mm, reverse the clamp ring fitting, such that the spigot is outboard.
- 4.5. Wind on the outer clamp ring with the 22mm diameter spigot inboard entering the grinding wheel bore.
- 4.6. With the pinned wrench, clamp the grinding wheel/cutting disc. Resistance to the gearbox turning in this process is offered by pressing the button on the casing head. Turn the wheel and press the button until the locking position is found.
- 4.7. Read the instructions for operation of the grinder and then fit the charged battery.  
(\*14mm bore grinding wheel/cutting discs (not recommended) must be clamped spigot to spigot.)

## 5. OPERATION

**NOTE:-** The operator should now be wearing the correct protective clothing, goggles and ear defenders.

- 5.1. Fit the pre-charged battery.
- 5.2. With a firm grip on the grinder barrel handle depress the safety trigger (positioned on the back of the body). Hold the auxiliary handle; start the grinder by depressing the Start switch.  
Some minor inertia will be felt by the user and care must be taken with the grinding wheel.  
To stop the grinder, release the Start switch.
- 5.3. On completion of tasks, clean all items and store in a dry, childproof area.

### **WARNING! – Risk of Hand Arm Vibration Injury.**

**This tool may cause Hand Arm Vibration Syndrome if its use is not managed adequately.**

This tool is subject to the vibration testing section of the Machinery Directive 2006/42/EC.

This tool is to be operated in accordance with these instructions.

**This tool has been tested in accordance with:** EN ISO 28927-1:2009 & BS EN ISO 15744:2008.

Declaration and verification of Vibration Emission figures are in accordance with EN 12096:1997

**Measured vibration emission value (a): 4.019 m/s<sup>2</sup>**

**Uncertainty value(k): 1.5m/s<sup>2</sup>**

*Please note that the application of the tool to a sole specialist task may produce a different average vibration emission. We recommend that a specific evaluation of the vibration emission is conducted prior to commencing with a specialist task.*

A health and safety assessment by the user (or employer) will need to be carried out to determine the suitable duration of use for each tool.

**NB:** Stated Vibration Emission values are type-test values and are intended to be typical.

Whilst in use, the actual value will vary considerably from and depend on many factors.

Such factors include; the operator, the task and the inserted tool or consumable.

**NB:** ensure that the length of leader hoses is sufficient to allow unrestricted use, as this also helps to reduce vibration.

*The state of maintenance of the tool itself is also an important factor, a poorly maintained tool will also increase the risk of Hand Arm Vibration Syndrome.*

### **Health surveillance.**

We recommend a programme of health surveillance to detect early symptoms of vibration injury so that management procedures can be modified accordingly.

### **Personal protective equipment.**

We are not aware of any personal protective equipment (PPE) that provides protection against vibration injury that may result from the uncontrolled use of this tool. We recommend a sufficient supply of clothing (including gloves) to enable the operator to remain warm and dry and maintain good blood circulation in fingers etc. Please note that the most effective protection is prevention, please refer to the Correct Use and Maintenance section in these instructions. Guidance relating to the management of hand arm vibration can be found on the HSC website [www.hse.gov.uk](http://www.hse.gov.uk) - Hand-Arm Vibration at Work.



### **ENVIRONMENT PROTECTION**

Recycle unwanted materials instead of disposing of them as waste. All tools, accessories and packaging should be sorted, taken to a recycling centre and disposed of in a manner which is compatible with the environment. When the product becomes completely unserviceable and requires disposal, drain any fluids (if applicable) into approved containers and dispose of the product and fluids according to local regulations.



### **WEEE REGULATIONS**

Dispose of this product at the end of its working life in compliance with the EU Directive on Waste Electrical and Electronic Equipment (WEEE). When the product is no longer required, it must be disposed of in an environmentally protective way. Contact your local solid waste authority for recycling information.

**Note:** It is our policy to continually improve products and as such we reserve the right to alter data, specifications and component parts without prior notice.

**Important:** No Liability is accepted for incorrect use of this product.

**Warranty:** Guarantee is 12 months from purchase date, proof of which is required for any claim.

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