



**HARDY**

MADE IN LIVERPOOL

**HARDY UK LIMITED**  
CARE AND  
MAINTENANCE

TECHNICAL GUIDE



# HARDY UK LIMITED

## CARE AND MAINTENANCE

### OILING AND PACKING

- During production, every Hardy blade is coated with a unique protection and is wrapped with a specifically sourced material that maintains the best possible condition and stops any unwanted dust and particles from making contact with the blade.

### STORAGE

- Hardy blades are transported in high quality phytosanitary wooden cases which allows them to be stored for long periods depending on the customer's needs. During storage, always keep the case lid in place and avoid exposing the blades to external elements. If blades are exposed (to moisture for instance) it is good practise to keep them clean and lightly oil them regularly with a machine tool grade lubricant.

### ON MACHINE - CLEANING

- If you notice a build-up of debris on the back of the blade, clean using a wire brush and then redefine the blade edge.
- Although each Hardy blade is coated with a unique protection, the cutting edge will be 'open' to the elements. If the machine is left for a significant length of time then it is good practice to lightly oil the surface of the blades with a machine tool grade lubricant to protect the condition of the blade against chemical attack or oxidation. It may require some test shaves to remove the oil when production starts again.
- If the machine is idle for a considerable length of time, redefine the blade edge before shaving production commences by allowing the grinding carriage to traverse for a period of time

### INSTALLATION

- For full installation guidelines please follow the Hardy technical guide on installation.
- Make sure the correct size blade is used for the cylinder
- Cylinder grooves should be cleaned and inspected before installation of blades, with any defects being repaired before re-blading commences. If manually re-blading, use a brass, copper or soft mallet and avoid any unnecessary blows or force to the blades. This practise should be avoided wherever possible.
- Use correct sized new copper caulking and install with the correct pressure
- Hardy blades are provided with a gold label on the blades. The blades must be installed with the label facing towards the centre of the cylinder.

### LIFE OF THE BLADE

- For maximum yield, apply the minimum grinding settings to achieve the desired quality.
- Use the correct grinding wheels, which are available from Hardy UK.
- The Hardy blade is manufactured to provide a consistent hardness throughout the full life of the blade. It is normal to replace the blades when the height protruding from the cylinder is 5mm although this can vary from machine to machine.
- Ensure all machinery is kept in good condition with regular maintenance based on the manufacturer's guidance.



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CUTTING EDGE  
PRECISION BLADES  
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