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## **INTRODUCTION**

The HCH cutter head range cuts a wide range of materials and can be used with either a manually operated pump or a powered hydraulic pump, suitable for single acting cylinders.

## **SAFETY NOTES**

Always wear suitable personal protection when operating hydraulic equipment.

**DANGER:** Keep all body parts away from cutter and work piece during operation.

**IMPORTANT:** Ensure that the correct size tool is selected for the job.

**IMPORTANT:** Minimum age of operator must be 18 years. The operator must have read and understood all instructions, safety issues, cautions and warnings before starting to operate this equipment.

**WARNING:** Risk of finger trapping. Only hold the tool away from the cutting head

**WARNING:** Do not overload equipment. Overloading causes equipment failure and possible personal injury.

**CAUTION:** Make sure that all system components are protected from external sources of damage, such as excessive heat, flame, moving machine parts, sharp edges and corrosive chemicals.

**WARNING:** Immediately replace worn or damaged parts with genuine Hi-Force parts.

**WARNING:** Always wear safety glasses and other appropriate personal protection equipment. The operator must take precautions against injury due to failure of the tool or work piece.

## **CUTTER SETUP AND OPERATION**

Refer to Figure 1.

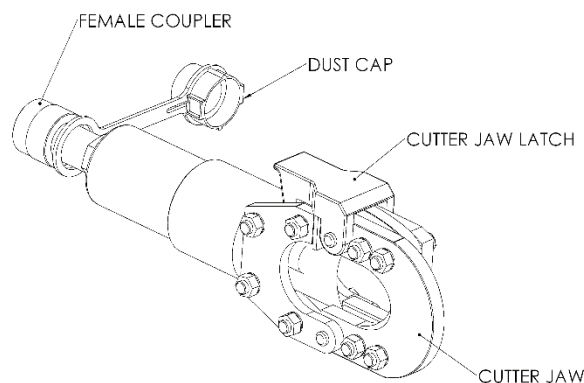
1. Connect the pump hose to the cutter head via the coupler.
2. Make sure the cutter blade is fully retracted
3. Undo the Cutter Jaw latch and insert work piece.
4. Re-fasten the Cutter Jaw latch around the work piece.
5. Operate pump until work piece has been cut.

Note:

The blade should automatically retract as it features a spring return mechanism.

Move the valve on the pump to the Retract Position. Exact method depends on type of pump. Refer to pump operating instructions.

FIGURE 1.



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**Notes.**

- After completing each cutting operation ALWAYS clean any debris from around the cutting blades. This will greatly reduce the possibility of Blade Jamming.
- After a period of operation, depending on the material being cut the Blade and Head Shear may develop a slight 'Roll Burr' along the cutting edge. This 'Roll Burr' can easily be removed by using a knife sharpening stone which should always be applied to the FLAT SIDE of the Blade.
- If Blade Jamming does occur first use hand force by connecting the pump hose to the Cutter and firmly pressing the blade back. If the blade still does not come free 'tap' the Blade holding ram with a flat chisel and small hammer. Once Blade is free, check all components for damage and remove any 'Rolled Burr' from Blade edge.
- Before starting any cutting operations ALWAYS check that the Cutting Head Catch is securely fastened. Almost all of the damage caused to Cutting Blades and Head Shears is caused by operating the Cutter without the Catch properly secured.

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