

INSTRUCTION MANUAL

HALE
IDEX
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MOC



CUTTER

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 **HURST**
JAWS OF LIFE®

HURST JAWS OF LIFE® FIRE-RESISTANT HYDRAULIC FLUID

PRECAUTIONARY MEASURES

- ☠ Avoid contact with eyes, skin and clothing.
- ☠ Avoid breathing vapors.
- ☠ Keep container closed.
- ☠ Use only with adequate ventilation.
- ☠ Wash thoroughly after handling.

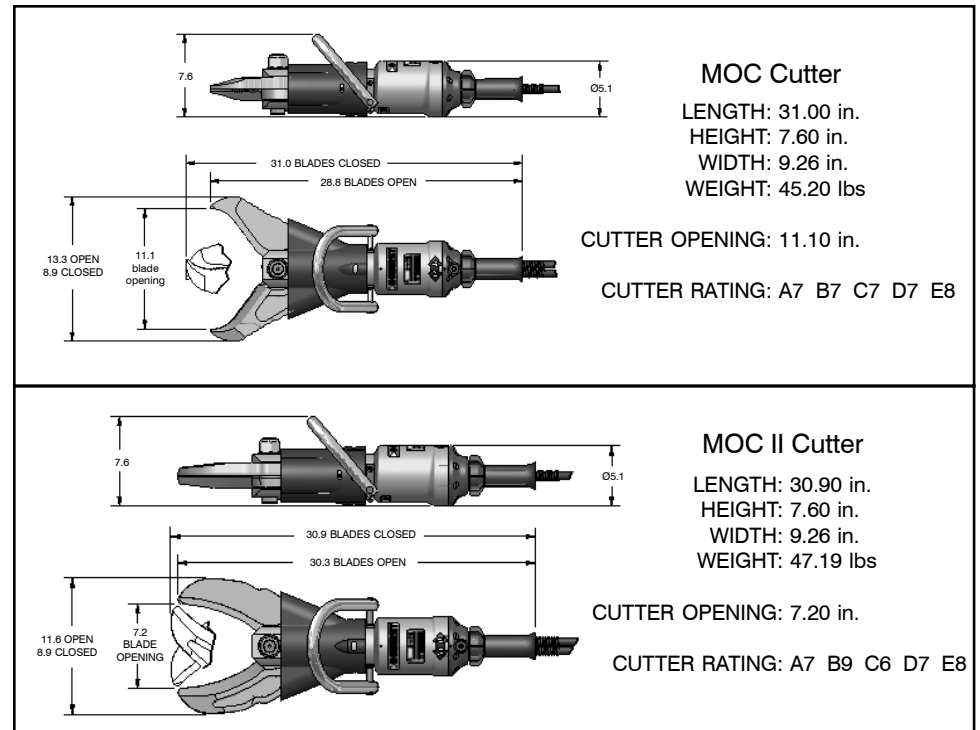
NOTE: This product could be toxic to fish. It should not be dumped, spilled, rinsed or washed into sewers for public waterways. Dispose of containers in a secure landfill. Emptied container retains vapor and product residue. Observe all labeled safe-guards until container is destroyed.

EMERGENCY and FIRST AID PROCEDURES

FIRST AID:

- ① IF IN EYES, immediately flush with plenty of water for at least 15 minutes. Call a physician.
- ① IF ON SKIN, immediately flush with plenty of water. Remove contaminated clothing. Wash clothing before reuse.
- ① IF INHALED, remove to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth. If breathing is difficult, give oxygen. Call a physician.

Technical Data



**HURST**
JAWS OF LIFE®



GENERAL MAINTENANCE



GENERAL MAINTENANCE GUIDE *

DAILY MAINTENANCE/INSPECTION

- Inspect carefully for Hydraulic leaks
- Inspect hoses and couplings for wear and damage.
- Check control valve operation for easy operation and free return to neutral (center).
- Check inside frame yoke for dirt and debris.
- Be certain all parts are clean.
- Check blades for damage.
- Check that all fasteners (nuts, bolts, screws and retaining rings) are in place and securely fastened.

AFTER USE MAINTENANCE

- Clean tool.
- Check for wear or damage on all parts.
- Check that all fasteners (nuts, bolts, screws and retaining rings) are in place and securely fastened.

STORAGE

- Protect unit against moisture.
- Store in adequate space to prevent damage to hoses, connectors or tool itself.
- CAUTION: Before storage, connect the pigtail hoses to each other and move throttle control in both directions to equalize pressure in system.

6 MONTH MAINTENANCE

- Remove and inspect retainer rings, links and link pins. Replace if necessary. Remove locknut from pivot pin and remove pivot pin, blades and washers. Inspect for damage and wear. Replace if necessary. Lubricate all friction areas generously with a high temperature grease. Re-assemble components. Torque locknut on pivot pin to 86 ft-lbs. Care must be taken to insure all components are installed properly and that retainer rings are FULLY seated in pin grooves.
- Check hoses and couplings for wear and damage. Replace if necessary.

ANNUAL INSPECTION*

- Pressure check all valves and internal seals. Replace as required.
- Check operating pressure, unloaded through full operating cycle.
- Check blades for chips, cracks or other damage.
- Check opening and closing times.
- Replace operating decals, if necessary.
- Replace hoses, couplings and fasteners as required.
- Clean and lubricate.

* Call your authorized Jaws of Life Distributor for maintenance and annual inspection care.

PRODUCT SAFETY POLICY

Jaws of Life® products are designed and manufactured to provide excellent service when used for their intended purpose. Operator safety is a major consideration in the product design and operator manuals are provided to promote their safe usage. Additionally, operator training programs are offered by all authorized Jaws of Life Distributors and this company.

Hale Products, Inc. urges all users of Jaws of Life products to read the Instruction Manual and to seek operating instructions from qualified instructors before attempting to use the products. Although most safety precautions are addressed in factory authorized training programs, as well as throughout this manual, particular attention is directed to the following:

- Power units and tools should be operated by qualified personnel only.
- Proper protective clothing should be worn. (i.e. bunker gear, gloves, helmets, face shields, etc.)
- Inspect the equipment for obvious broken or missing parts or damaged hose before and after each use.
- Keep clear of all moving parts.
- When lifting, always use cribbing to shore and stabilize the object being lifted.
- When storing tool, compensate for possible pressure buildup from thermal expansion of hydraulic fluid by connecting the two short hoses on the tool, completing the circuit. Move trigger in both directions to equalize the pressure on both sides of the piston.
- Be sure to follow all maintenance procedures.
- Return your warranty registration card.
- Use only factory authorized service parts.
- **Use only Jaws of Life fire resistant hydraulic fluid.* Do not substitute other brands of hydraulic fluid because characteristics may differ.** Fluid such as brake fluid or automatic transmission fluid will not work in the Jaws of Life system and will damage the equipment.
- Ear protection should be worn when operating the 2-cycle and 4-cycle units.

HYDRAULIC FLUID:

Jaws Of Life® hydraulic fluid* is a custom blended phosphate ester fluid. In case of skin contact, wash off with soap and water. In case of eye contact, flush with generous amounts of running water. If discomfort persists following flushing, see physician for symptomatic treatment.

DO NOT OPERATE EQUIPMENT WHEN TIRED, STAY ALERT.



ASSEMBLY/STORAGE

1



Remove the MOC Cutter from carton. Inspect unit and confirm that all bolts and screws are securely fastened and the unit has not been damaged in shipment

2



Before connecting the hydraulic hoses, place the power unit by-pass valve in the DUMP position



3

CAUTION:
Avoid cutting a loose end. If unavoidable, be sure the end of the object is secure.

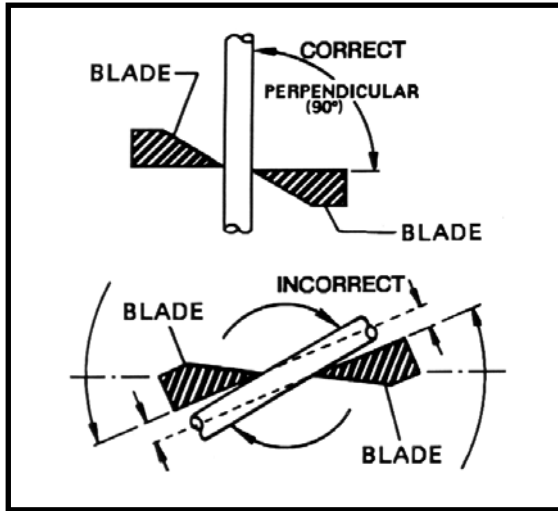
WARNING:
Do NOT cut cables under tension. Do NOT cut electrical wires unless absolutely certain that ALL electrical power has been removed.

TROUBLESHOOTING GUIDE*

PROBLEM	CAUSE	REMEDY
<ul style="list-style-type: none"> Tool operates erratically, slowly or fails to operate. 	<ul style="list-style-type: none"> Hydraulic Fluid is low Air in Hydraulic System Valve thumb control lever is loose Low flow from power unit Erratic flow from power unit 	<ul style="list-style-type: none"> Check fluid level in reservoir and add fluids as required Fully open and close tool several times. Tighten or replace screw on thumb control lever, or replace thumb control lever assembly as required. Have power unit repaired. Have power unit repaired.
<ul style="list-style-type: none"> Tool has apparent loss of power 	<ul style="list-style-type: none"> Low pressure from power unit Leak in control valve seals Internal seal failure Coupling failure 	<ul style="list-style-type: none"> Have power unit repaired. Remove and replace control valve. Have tool repaired with new seals. Remove and replace couplings.
<ul style="list-style-type: none"> Tool fails to operate 	<ul style="list-style-type: none"> Couplings not properly connected Coupling failure - fails to open internal check when connected No flow from Power Unit Hoses Reversed on power unit Couplings reversed on tool 	<ul style="list-style-type: none"> Connect couplings correctly (See page 3, section 4) Remove and replace coupling Check power unit and repair as required. Remove and reverse hoses Remove and reverse couplings
<ul style="list-style-type: none"> Hydraulic fluid is leaking from valve/rear handle 	<ul style="list-style-type: none"> Couplings are not properly connected 	<ul style="list-style-type: none"> Put power unit in DUMP position and connect all couplings properly

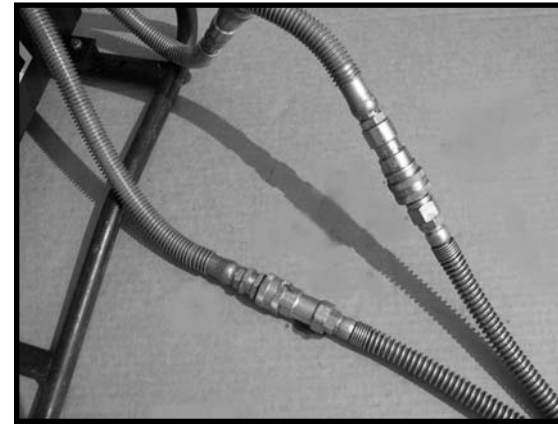
* Call your authorized Jaws of Life Distributor for maintenance and annual inspection care.

CUTTING



1

CAUTION:
Hold blades perpendicular to the material being cut. Material to be cut **MUST** be secure so that it cannot twist.



3

Connect the hoses from the power unit to the pigtail hoses on the tool as shown.

2

To cut, open tool. Place blades around object. Close tool to cut object. Maximum cutting forces are obtained at the notch or the portion of the blade nearest the center pivot point. When possible, start your cut in this area. After making cut, open blades to remove tool.



4

To operate the quick disconnect couplings, align the slot in the sleeve with the pin. Slide the sleeve back to connect or disconnect the coupling. After connecting the coupling, rotate the sleeve 1/4 to 1/2 turn to lock the coupling.



5

Start the power unit and move the operating lever on the power unit bypass valve to the **PRESSURE** position. Operate the cutter by turning the control valve to the left to open the blades and to the right to close the blades. If the tool does not operate correctly, make sure the quick disconnects are properly connected (Step 4). If needed, refer to the troubleshooting section of this manual.



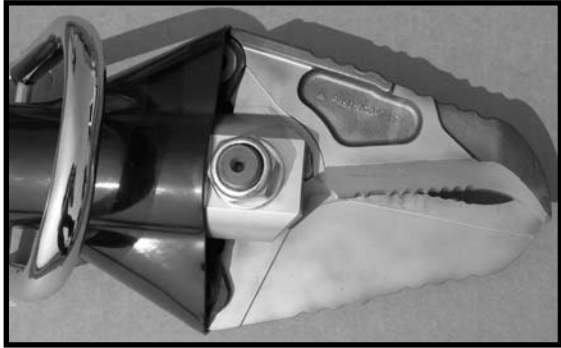
6

For initial start-up and after service or maintenance, open and close the tool several times to purge any air from the system.



7

After use, position the blades slightly open for storage. Protect the tool from moisture or store in a moisture-free location. Secure in adequate storage space to prevent damage to the tool and kinking of the hoses.



8

Before attempting to disconnect the tool from the power unit always move the operating lever of the power unit bypass valve to the DUMP position. Disconnect the tool then connect the two pigtail hoses on the tool to each other.



9

IMPORTANT:
Your tool MUST be registered.
Please return the self-addressed warranty card included with your documentation.

Should you have to contact us about your cutter, refer to the tool serial number (found on the tool as shown). This identification will expedite any service you may require and will also enable us to keep your records current.



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