OPERATION MANUAL

S-240

S-240: S-Series Handheld Hydraulic Cutter

Read and understand all of the instructions and safety information in this manual before operating or servicing this tool.

Huskie TOOLS
A SPARTACO COMPANY

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THANK YOU...

for purchasing a Huskie Tools product. Our mission is to supply the finest steel cable connecting and cutting tools and cable-related products to the transmission and distribution markets. Huskie Tools products represents the state-of-the-art tools and are dependable & safe. Trust, integrity, teamwork and mutual respect - these words are something we take to heart here at Huskie Tools.

Please take the time to read this manual carefully to learn how to correctly operate and maintain your tool.

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Warranty

Series 7 Pro Line Battery Operated Products	5 Years
Series 7 Power Tools	3 Years
REC-Series Battery Operated Products	5 Years
ECO-Series Battery Operated Products	1 Year
Batteries	
BP-185	3 Years
BP-80, BP-84	5 Years
BP-82	1 Year
Chargers	
CH-185	3 Years
CH-90, CH-94	5 Years

The warranty does not cover any damages incurred from a Huskie tool including damages to property, bodily injuries and lost wages resulting from such injuries. This warranty solely covers the repair or replacement of tools supplied by Huskie. These remedies are exclusive, and the total liability of
Huskie Tools, LLC whether based on contract, warranty, negligence, indemnification, strict liability or otherwise, shall not exceed the purchase price of the tool. In no event, shall Huskie Tools, LLC be liable for consequential, incidental or special damages.

HUSKIE TOOLS, LLC MAKES NO OTHER WARRANTIES OF ANY KIND, EXPRESSED OR IMPLIED, AND ALL IMPLIED WARRANTIES INCLUDING ANY
WARRANTY OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED.

Huskie reserves the right to determine all warranty claims. Huskie will not warranty tools containing parts or batteries not originally supplied by Huskie. Failure due to misuse, improper maintenance, misapplication, not following instructions or warnings, abuse or repairs attempted by anyone other than Huskie Tools, LLC, or an authorized service center renders this warranty null and void.

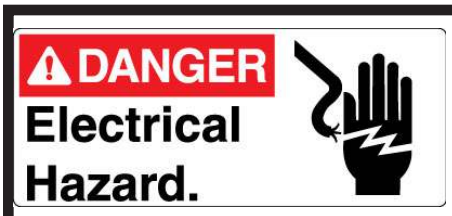
REPAIR AND WARRANTY CLAIMS
All claims must be sent to Huskie for inspection and authorization. A Return Goods Authorization (RGA) is required before shipping tools to Huskie. Secure the authorization by telephoning or writing to Huskie's main office with details of the claim. Non-warranty repairs are handled using the same procedure. Repairs exceeding 50 percent of the cost of a new tool will be advised before repairs are made.

Safety Alert Symbol:

This safety alert symbol indicates a potential personal injury hazard; it is not used for messages related to property damage only.

Wear eye protection:

when operating this tool. Failure to wear eye protection could result in serious eye injury from flying debris.



Electric Shock hazard:

Use proper personal protective equipment when using this unit on or near energized electrical lines.

Pinch Point Hazard:

Compression Dies at high force can cause severe personal injury. Keep all body parts away from moving parts of the tool while operating.

KIT INCLUDES

Huskie's **S-Series** tools cut anything from guy wire* to anchor rod and most overhead and underground cables. The S-series cutters are portable, lightweight, and made to last years under the toughest field conditions. The S-40B and S-85 feature a two stage pumping piston for rapid advance.

The new S-240CC, S-32CC and SP-24CC hydraulic cutters were specially engineered to cut the toughest EHS guy wire, ground and anchor rods. The SP-24CC is the remote head version, which requires an external 10,000 psi pump in order to operate. The anvil style, center cut blades eliminate jamming problems common to shear style cutters, and the blades are easily replaced in the field. The tools are made of high grade steel and have rubber handle grips. All tools are black zinc oxide coated to help reduce corrosion. A flip-top latch opens the tool jaw to easily accept cables and wires. The head can be rotated up to 180° to facilitate easy wire positioning and operator leverage.

Consult the chart below to pick the proper cutter for your needs. If there are any questions about capacities, or special applications please contact Huskie Tools.

***NOTE:** DO NOT CUT EHS GUY WIRE. FOR EHS GUY WIRE SPECIFY S-240CC, S-32CC OR THE REMOTE HEADS SP-24CC OR SP-32CC1.

S-240

Specifications	
Output	7.8 Ton
Weight	9 lbs.
Size	17" L
Jaw Opening	.9"

Cutting Capabilities	
Wire Rope	22mm, 7/8"
Soft Steel Bolts	22mm, 7/8"
Reba, Ground & Anchor Rod	16mm, 5/8"
Cu & Al Wire	22mm, 7/8"
ACSR	22mm, 7/8"
Standard Guy Wire	16mm, 5/8"

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OPERATING PRECAUTIONS

The following steps are guidelines for safe operation of the Huskie cutters. Please take the time to review them as these are helpful hints that have been accumulated over the years.

1. Stay within the maximum cutting limits of each tool as listed.

2. Try to keep the cutter head clean. When cleaning, use a spray lubricant to avoid a build up of dirt and sand which will damage the cutter head.

3. Stop pumping when the blade reaches the extreme end of its advance. If the material being cut (usually wire rope or soft cables) seems to be cut but does not break free of the tool, this indicates that the blade is jammed on a small piece of cable. Refer to "troubleshooting" on page three to free the blade.

4. All Huskie tools require proper care. Occasional cleaning and degreasing in solvent, and sharpening blade and cutter head, will keep these tools operating without problems.

5. The most common problem encountered is blade breakage. Ninety-nine percent of all breakage occurs because the cutter head is not securely latched before cutting. If the latch is not secured, the blade will push open the cutter head and damage both the body head and blade. This causes the outside ear of the blade to break on an angle. In some cases the whole cutter head may crack in half. Cutting material that is not specified may also cause blade damage. In time these blades will fatigue and crack and must then be replaced.

6. There may be a residue of oil present on new tools when they are removed from the original shipping container. This is to protect the tool from corrosion during shipment and storage, and should not be considered defective. The tool can be cleaned with a spray degreaser or soapy water.

7. If tool is jammed, avoid beating directly on the tool with a hammer, especially avoid flattening the piston cylinder. Use a hammer in conjunction with a block of wood or soft material to free the blade.

8. All tools can be reconditioned and overhauled. Call factory and obtain an RGA # for returning tools.

9. If the cutters are used under water, wash them down and lubricate after each use. This whole operation takes less than five minutes. It may be helpful to paint new tools with a light color, corrosion resistant paint.

10. Always return tools to their carrying bag to protect them from sand and dirt. Extra bags can be purchased.

11. Always carry a spare blade, preferably attached to the carrying bag.

12. Use clear hydraulic fluid MV-32 available from your dealer or HTI.

13. When cutting, keep area clear of spectators as hardened metals may fly apart when severed.

14. Always cut the material at a 90 degree angle to the blade. Any other angle may cause the blade and head shear to fracture. See illustration below.

OPERATING INSTRUCTIONS

1. Before cutting, make sure the material being cut is within the proper cutting capacity of the tool being used.

2. Open cutter head by lifting latch or removing lock pin, depending on the model being used.

3. Insert material between cutter head and blade and secure latch. It is important that you check the latch for proper engagement before continuing with the cut. Failure to secure the latch can result in severe tool damage and personal injury.

4. Align the material at a 90 degree angle to the blade. This will ensure a proper cut with minimal distortion. If the material is cut at any other angle, severe blade damage may occur. Refer to diagram on page two for proper alignment.

5. Proceed by pumping handle to advance blade. Once blade has made contact with the material, check alignment once again for proper angle. Continue to pump handle and cut material.

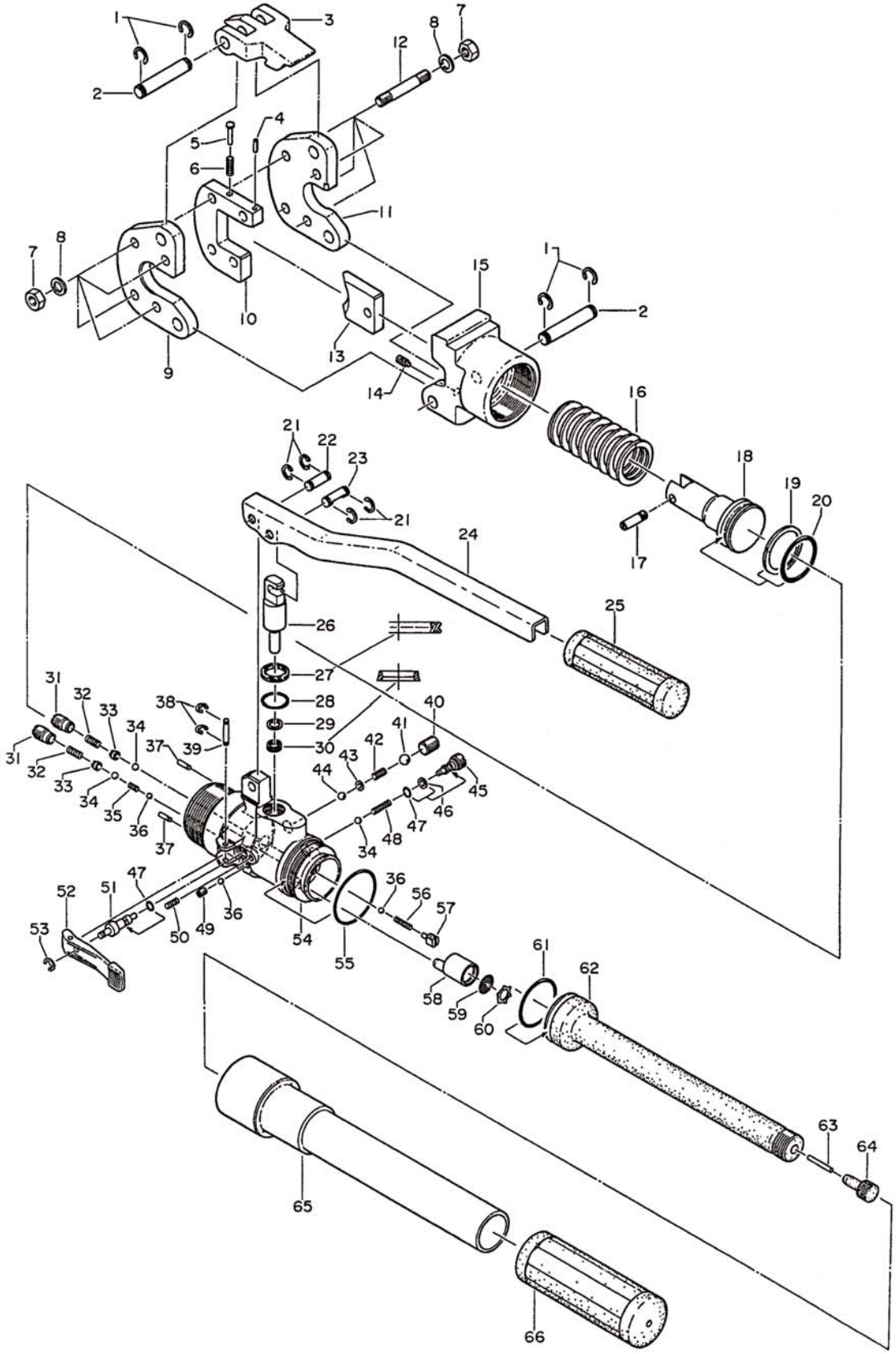
6. Once the cut is made, the release lever on the side of the tool body can be depressed to retract the blade. On the model S-85 cutter, the pump handle must be rotated 90 degrees clockwise and then closed to depress release pin located under the handle.

7. These cutters do not have a by-pass cartridge like our compression tools, so they should be released once the cut is made and not continued to be advanced. If the tool is advanced under pressure with no load, it is difficult to release the blade. Refer to the troubleshooting on page three if this condition occurs.

8. Always wear eye protection and any other specified safety equipment when cutting. Be sure surrounding area is clear, as hardened metals may fly apart when severed.

9. For EHS guy wire or bridge strand, use models S-24CC or S-32CC only! The use of any other S-series cutter will result in severe blade damage and may cause personal injury.

10. Model S-85 cutter is designed for use on non-ferrous metals only! Do not cut steel or severe tool damage and personal injury may occur.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NO	DESCRIPTION	CODE	
1	CE-10 Snap Ring	40-16	4
2	Pin (142)	24-06	2
3	Latch	24-07	1
4	2 X 10 Drive Pin (AW)	5-09	1
5	Slide Pin	20-71	1
6	Spring (144)	85-37	1
7	M8 Hex. Nut	40-24	8
8	M8 Lock Washer	40-25	8
9	Main Head	240-01	1
10	Spacer	240-02	1
11	Head Shear	240-03	1
12	Stud Bolt (21)	24-05	4
13	Blade	240-04	1
14	M5 X 10 Screw (D.P.)	55A-11	1
15	Body Head	240-05	1
16	Spring (597)	240-06	1
17	Blade Screw	240-07	1
18	Ram	240-08	1
19	P-32 Back Up Ring (B.C.)	40-43	1
20	P-32 O-Ring	40-44	1
21	CE-7 Snap Ring	40-49	4
22	Pin (158)	C60-06	1
23	Pin (157)	C60-07	1
24	Pump Handle	C60-08	1
25	Pump Handle Grip	51-25	1
26	Pump Piston	C60-10	1
27	P-16 X-Ring	C60-11	1
28	P-16 O-Ring (C.P.)	C60-12	1
29	P-8 Back-Up Ring (B.C.)	85-33	1
30	PS-8 Pent Seal	16-44	1
31	Valve Screw (1)	300-11	2
32	Spring (227)	300-31	2
33	Spring Holder	300-32	2
34	3/16" Ball	16-49	3
35	Spring (164)	85A-07	1
36	1/8" Ball	40-20	3
37	2 X 8 Dowel Pin (D)	ROB-14	2
38	E-2.5 Snap Ring	16-28	2
39	Pin (26)	16-27	1
40	M10 X 12 Screw (F.P.)	40-47	1
41	9/32" Ball	16-40	1
42	Spring (76)	16-39	1
43	M3 Flat Washer	16-38	1
44	7/32" Ball	16-26	1
45	Plug	C60-17	1
46	P-3 Back-Up Ring (B.C.)	9H-38	1
47	P-3 O-Ring (C.P.)	UC-27	2
48	Spring (395)	C60-19	1

NO.	DESCRIPTION	CODE	QTY.
49	M4 X 5 Screw (F.P.)	C58-08	1
50	Spring (371)	51-17	1
51	Release Valve Stem	40B-03	1
52	Release Lever	24-15	1
53	E-3.2 Snap Ring	16-33	1
54	Body	240-09	1
55	S-40 O-Ring	C60-25	1
56	Spring (396)	C60-20	1
57	Valve Screw (20)	C60-21	1
58	Strainer	C60-22	1
59	Filter	C60-23	1
60	SI-15 Ring	C60-24	1
61	P-28 O-Ring	300-21	1
62	Oil Reservoir (19)	C60-26	1
63	Magnet	ROB-25	1
64	Reservoir Cap	410-55	1
65	Body Handle Ass'y	40B-05	1
66	Body Handle Grip	40B-06	1

1. Problem: Small wire strands or pieces of cable or debris get jammed between the cutter head and blade, not allowing the blade to retract.

Solution: A) Hold release lever down while tapping on the ram with a block of wood and a hammer. If this does not work or tool continues to hang up, proceed to step "B".

B) Remove blade screw and release the ram. Then disassemble cutter head and remove burrs from both blade and head shear, using a flat grinding stone on the rolled edge. Do not sharpen like a knife – leave cutting edge flat!

2. Problem: Blade is advanced under pressure with no load and the release lever seems to be stuck.
Solution: A) Use both hands to depress lever using body weight and the ground or other strong surface for support. If this does not work, proceed to step "B".

B) Lay tool flat on the ground or other strong surface and hit release lever with a block of wood and a hammer to release pressure.

3. Problem: Tool will not advance when handle is pumped.

Solution: A) Remove body handle and check oil reservoir for proper fluid level. The oil should be to the top of the reservoir when the cap is removed. Be sure the tool is fully retracted before removing cap.

B) After storing for a long period of time, or occasionally when the tool is new, a check ball may be stuck not allowing it to advance. Invert the tool

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