

RESCUE SQUAD TOOL SPECIFICATIONS

HYDRAULIC SYSTEM	
TOOL DESCRIPTION	SPECIFICATION
On-Board Hydraulic Pumps (Trimo)	(2) units - 5000 psi system with 6 preconnected reels
Portable Hydraulic Pumps	(2) Mini-Mate able to supply one tool at a time (1) Mini-Mate Simo able to supply two tools
Transformer Spreader	(3) interchangeable arm lengths: <u>Length</u> <u>Push / Pull</u> * 24" arms - 37,500 / 21,300 lbs. * 32" arms - 31,500 / 16,500 lbs. * 40" arms - 18,900 / 12,100 lbs.
ML-28 Defender Spreader	<u>Length</u> <u>Push / Pull</u> 28" spread - 44,000 / 20,000 lbs.
MOC Combi-Tool	<u>Length</u> <u>Push / Pull</u> 16.7" spread - 43,388 / 17,535 lbs. Cutter force - 120,272 lbs. / Cutter opening - 12.23"
JL MOC Cutter	Cutter force - 156,236 lbs. / Cutter opening - 11.06"
MOC II Cutter	Cutter force - 152,870 lbs. / Cutter opening - 7"
MOC Ultra Cutter	Cutter force - 195,126 lbs. / Cutter opening - 5.2"
T-41 Telescoping Ram	Length - 18.7" to 41.3" Push - Piston 1 - 29,830 lbs. Push - Piston 2 - 14,830 lbs. Pull - N/A
T-59 Telescoping Ram	Length - 24.6" to 59.1" Push - Piston 1 - 29,830 lbs. Push - Piston 2 - 14,830 lbs. Pull - N/A
JL 30C Ram	Length - 23" to 36" Push - 15,708 lbs. Pull - 9,572 lbs.
Ram Extension Kit	Extension Length - 6", 10" & 15"
Ram Attachment Set	Base Plate, V Block, Wedge, Conical Point, Adapter
Quick Kick Ram Support	WLL - 26,977 lbs.
Mini Lite System Hand Pump Hydraulic System	Jack Rabbit tool - 8,000 lbs. push / 9" spread Mini Lite Spreader - 7,300 lbs. push / 0 to 8" spread Mini Lite Ram 8" - 10,000 lbs. push / 7.5" to 10.5" Mini Lite Ram 10" - 10,000 lbs. push / 9.5" to 14.5" Mini Cutter - 17,000 lbs. cut / 1.5" opening

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Hurst Hydraulic Lifting Cylinders	(4) Cylinders Total
	* (1) 8.5" dual piston P1-96,440 P2-44,510 lbs
	* (2) 8.5" triple piston P1-96,440 P2-44,510 P3-15,000
	* (1) 15" dual piston P1-96,440 P2-39,340 lbs
	(1) Controller
	(2) Hoses
	(4) Base Plates (1) Piston Guard (4) Stacking Rings (4) Piston Plates
WINCHES	
PTO Hydraulic Winch	Rating: 20,000 lbs.
Portable Electric Winch	Rating: 9,000 lbs. 4 attachment points: Front, Rear and Both Sides
Capstan Rope Winch	Rating: 2,000 lbs.
GENERATORS	
PTO Generator	Rated: 35,000 watts continuous
Diesel	Rated: 20,000 watts max. / 16,500 watts continuous
Portable gasoline Generator/Light	2,000 watts max. / 1600 watts continuous (500W Light)
ELECTRICAL LOADS	
Light Tower (25')	6 x 1,500 watts = 9,000 watts
Side Flood Lights	2 each side @ 1500 watts = 6,000 watts
Rear Flood Lights	2 @ 500 watts = 1,000 watts
Atlas Copco Air Compressor	4,000 watts
Hurst Trimo Pump	11,000 watts start / 4000 watts run
FRC Brow Light	150 watts 12V