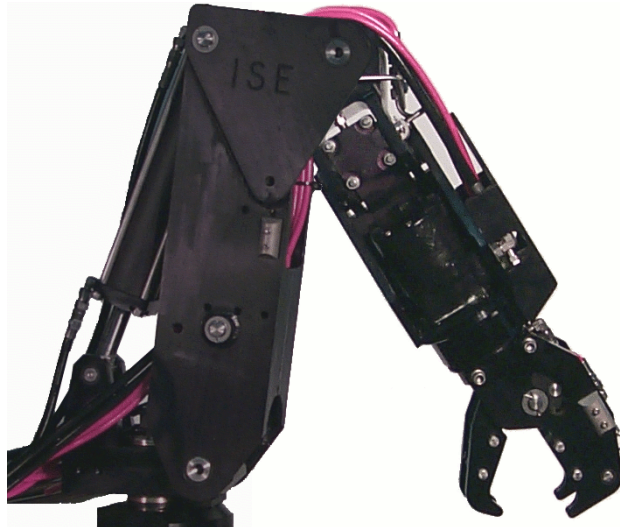


Magnum-6 Mini

A rugged 6-function subsea manipulator

ds-m6min-v2



The *Magnum-6 Mini*, from the magnum family, is a rugged 6-function manipulator used primarily in ROV applications. This manipulator is designed to be reliable while operating in harsh environments. Components and assembly make this arm completely field serviceable.

The small stow envelope makes this arm ideal for cage deployed vehicles. One of the only 6-function manipulators in the industry, this arm combines strength and dexterity.

This arm is ideal for jetting and brushing operations, debris clearance, valve turning and bolt torquing, cable cutting, cable repair, biological and geological sampling, archeological work, transponder and probe installation, salvage and recovery.

Principal Characteristics

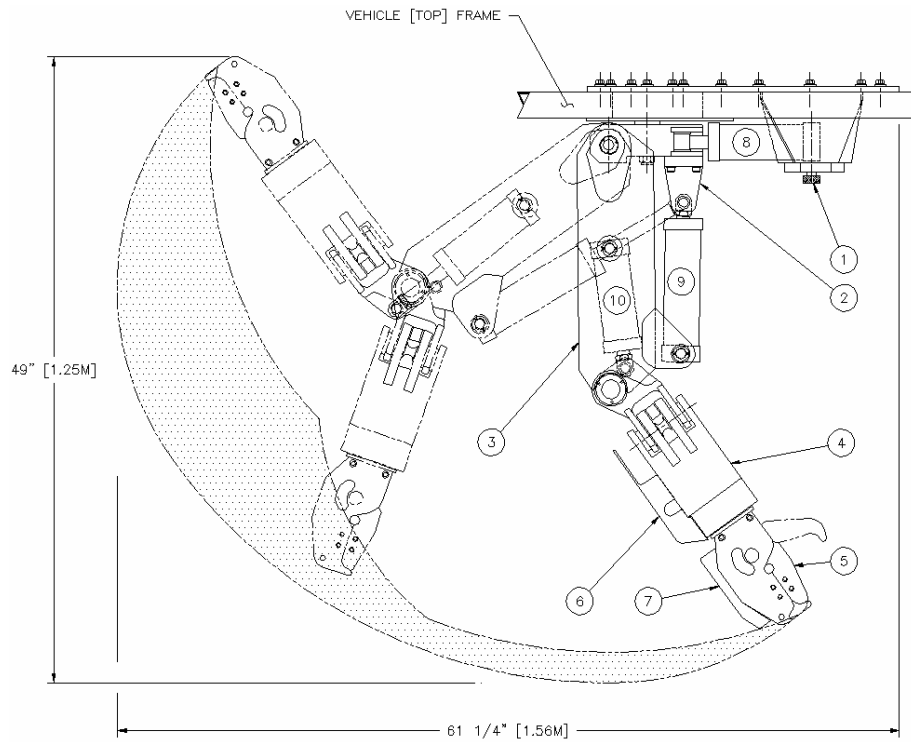
Reach:	38 inches
Weight:	63 Kg (139 lbs)
Maximum Lift:	454 Kg (1000 lbs)
Lift at Full Extension:	317 Kg (700 lbs)
Wrist Torque:	108 Nm (80 ft-lbs)
Grip Force:	160 Kg (350 lbs)
Operating Depth:	5000 msw (16,400 fsw)
Hydraulic Fluid:	Shell Tellus (or equivalent)
Input Pressure:	6900 kPa (1000 psi)
Input Flow:	19 LPM (5 gpm)
Material:	Aluminum with stainless steel fittings
Corrosion Resistance	Black anodization and Magnesium anodes
Control:	Rate

International Submarine Engineering Ltd.

1734 Broadway Street, Port Coquitlam, BC V3C 2M8 Canada
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manips@ise.bc.ca www.ise.bc.ca

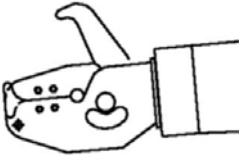
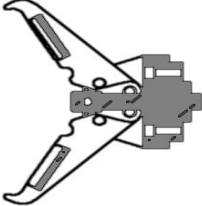
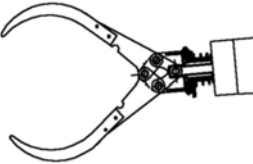
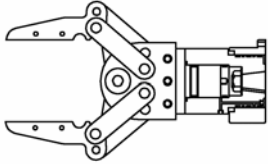
Magnum-6 Mini

Operating Envelope

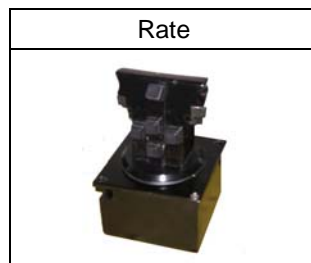


(Top mount model shown)

Gripper Options

Single Sided	Scissor	Claw	Parallel
			

Controller Options



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