



## Smart Grapple

The Smart Grapple is a thruster-driven, fiber optically controlled grapple used for marine salvage work, capable of picking payloads up to 1500lbs.



The Smart Grapple is suspended by a heavy lifting line which also controls its vertical motion. The lateral motion is provided by four vector configured thrusters. It has high intensity, dimmable LED lighting, a pan/orbit/zoom camera as well as a tooling camera integrated into the jaws.

A range of attachments is available including scoops and serrated jaws. Specific tools can also be fabricated for unique tasks.

- Configurable video overlay display showing such parameters as heading, depth, temperature, time and date, penetration distance pipeline number and station number
- Friction-driven wheel line counter on umbilical

<b>Depth Rating:</b>	500ft/152m
<b>Dimensions:</b>	72"/1830mm height
	18"/460mm width
<b>Max Payload:</b>	1500lbs/680kgs
<b>Lighting:</b>	4 x 70W high intensity LED lamps
<b>Thrust:</b>	4 x Tecnydyne Model 300 brushless DC motors
<b>Cameras:</b>	1 x pan/orbit/zoom color camera (capable of 360° orbit)
	1 x 768 Line/0.5 Lux tooling camera
<b>Other Sensors:</b>	Heading, Pitch and Roll, Depth

SeaView Systems, Inc. designs, manufactures and operates remotely operated vehicles, electronics and other custom hardware/software tools, including oceanographic instruments, custom remotely operated vehicles and tooling systems, to meet oceanographic and underwater robotic applications.

For more details or supplemental media, please email SeaView Systems at [info@seaviewsystems.com](mailto:info@seaviewsystems.com).