Subsea Applications

Custom Designed Lightweight Solutions for Efficiency and Deeper Depths.

Our advanced technology and understanding of synthetic ropes allows for specially designed ropes to improve efficiency and handling in many subsea aspects.

Whether you are looking to boost the capacity of a crane or A&R winch at depth, investigating a pennant system, or need to design for inter-action with an ROV subsea, SWOS has the knowledge and know-how to get the job done. If your application requires a rope with non-typical stiffness values, negative or positive buoyancy attributes, high frequency bend-over sheave performance, or anything outside of the normal operating parameters, SWOS is up to the challenge. Our Project Manage-ment and R&D team, coupled with our Samson relationship, an industry leading rope manufacturer, allows us to tailor a solution to fit your needs regardless of how complex the challenge proves to be.

Higher Lift Capacities at Depth
Synthetic ropes can provide a neutrally buoyant strength member that allows higher lift capacities at depth and eliminates the need for down rating a winch or crane. Outfitting your existing winches or cranes with our products will increase your fleet's capabilities, making you more competitive in the market. This lightweight attribute also allows new assets to be designed and built with a smaller foot print, increasing the real estate on board your vessels and reducing the overall cost of ownership. With SWOS products you can do more with a smaller vessel, a smaller winch, and a smaller crane.

Field Support for Subsea Installations
As masters of this latest synthetic technology, SWOS can send a field technician to your site to perform training on your syn-thetic lines and make recommendations on rigging hardware and rope design. When your project comes to fruition, SWOS has a Field Support Team that is available for any service requirements you may have, whether for a day shore side or multi-month projects around the world. SWOS expert services include inspection, certification, splicing, repair, training and overall application support.

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