



## Engineered Lifts

### Precision Saves Time and Money.

Precision means everything when handling high-dollar assets on a work site, and how a critical lift is executed can make a million-dollar difference. Our experts will partner with utility, mining, petrochemical, and other industrial companies at the planning stages of engineered lifts to ensure the safest and fastest solution for lifting heavy or awkward equipment.

SWOS's keen precision during the design and execution of an engineered lift alleviates potential damages and wasted time resulting from inefficient lifts. We work with you in the planning and design stages to determine the best solutions and recommend the most compatible synthetic rigging products for your lift.

#### **With SWOS's Engineered Lift Package, our team of experts will:**

Execute engineering analysis to assess load types, lifting points, center of gravity, critical lengths, and more.

Draft designs of high performance rigging systems

Create a lift plan and offer solutions for problem areas

Recommend appropriate rigging lines and hardware

Fabricate customized rigging for unique needs



## Stringing Lines

When your project calls for stringing miles of electrical wire, you need a light weight, low abrasion, low stretch pulling line.

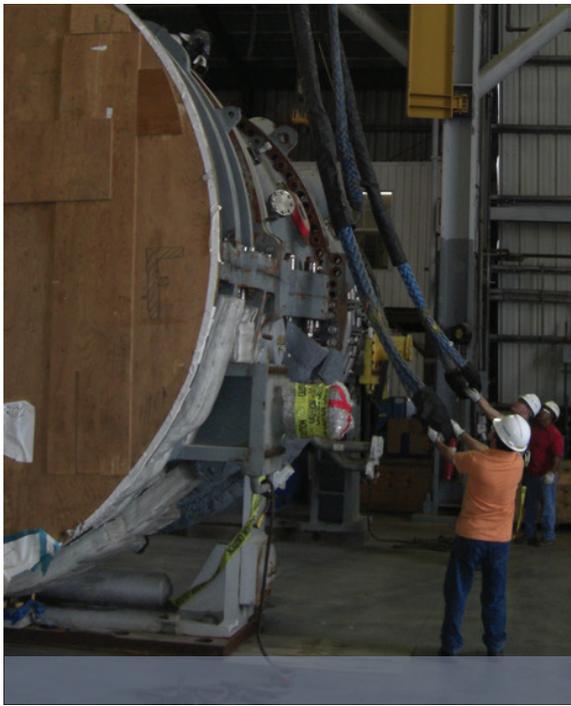
SWOS offers a wide variety of high performance fibers and constructions to meet your needs for transmission, distribution and underground pulling. These lines may be offered with a wide variety of end terminations such as soft eyes, swivels, grips, or end links. Custom coated in a wide range of colors for easy identification.



## Hand Lines

With superior flexibility and grip, SWOS's selection of hand lines can save your line-men time and trouble.

Available in 3-strand twisted or 12-strand single braids, these custom made handlines consist of soft eye terminations or a wide variety of blocks, thimbles and hooks.



## Lifting Slings

SWOS offers a wide range of high performance synthetic lifting slings that speed up the time of operation while mitigating injuries and damages to equipment.

SWOS's line of Nylon and Polyester web slings, Polyester round slings, and High Performance Rope slings are lightweight and provide maximum strength and higher weight capacity for increased performance across a host of different industrial applications. Our in-house design experts can customize high performance adjustable slings to match critical lengths for your project. For safety and tracking purposes, all of SWOS's slings are certified and tagged with workload limits and serial numbers.



## Winch Lines

These custom spliced assemblies are made to your specifications.

Available in a wide variety of fibers and constructions, all designed for controlled lifting applications.

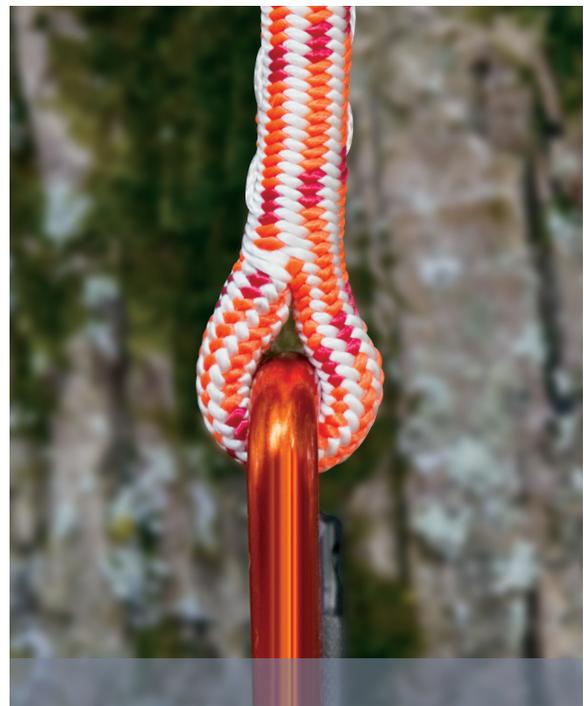
Winch lines can be fabricated with a wide variety of end terminations and abrasion resistant coatings. Coating colors available are: Orange, Yellow, Blue, Green, Red, Black and More.



## Whoopie Slings

Whoopie Slings provide a light weight, low abrasion, and low stretch pulling line to accommodate a wide range of lifting requirements.

The unique adjustment allows for snug lifting control for various tasks, minimizing the need for multiple fixed length eye slings. These adjustable slings are available in Single Leg, 2-leg, and 4-leg for pad mount transformers. Each is color coded and tagged for easy identification.



## Spliced Ropes

With customized splicing capabilities, SWOS can add a loop onto most ropes to provide a safe and very strong method of attachment for heavy lifts.

For splicing services or general splicing questions, call us to today at (800) 231-6687 to speak to one of our specialists.



## Polyester Round Slings

SWOS's line of pliable, low stretch, polyester round slings provide the versatility and high performance you're looking for.

With its endless configuration, light weight material, and flexibility, the polyester round sling offers unmatched durability in the field with a variety of loads. Each sling conforms to its current load, and the endless design allows the sling to be spread to increase load stability.



## Flat Web Slings

Because of its light weight, strength, and ease of handling, SWOS's top quality flat web slings are optimal for repeated lifting and tie downs.

Transporting and storing gear in the field requires a durable, reliable solution. With its double wall cover to prevent deration, SWOS provides a high performance and easy to use solution, which can also reduce the risk of injury.

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