

Oil States Skagit SMATCO GENERAL PRODUCTS CATALOG



Oil States Skagit SMATCO

Oil States Skagit SMATCO is a trusted provider of offshore equipment and services in some of the world's most demanding marine environments. Our deck equipment solutions include industry-leading marine cranes, mooring systems, and anchor-handling equipment backed by convenient, certified and warranted repair, refurbishment, parts and rentals. We also manufacture flexible, high-strength articulating concrete mats for offshore and onshore applications.

We're strategically located on the intracoastal waterway in Houma, Louisiana, for easy access to the Gulf of Mexico. Our waterfront access allows equipment to be loaded by water or land, providing customer flexibility, rapid turnaround time and lower transportation and handling costs.

Regardless of the function or complexity of the job, you can rely on Oil States Skagit Smatco to provide the highest quality solution, based on extensive experience and backed by world-class engineering standards.



Oil States Skagit SMATCO manufacturing, engineering, sales and service facility with waterfront access in Houma, Louisiana.



Skagit Model DMW-250 SxS Mooring Winch

Product Lines:

Nautilus® Marine Pedestal Cranes *(New & Used)*

- Box boom
- Lattice boom
- Telescoping boom
- Knuckle boom
- Constant tension
- Motion compensated
- Diesel or Electric Power Units

Skagit® Mooring Systems *(New & Used)*

- Traction winches
- Chain windlasses
- Conventional drum winches
- Riser Pull-In Systems
- Pipelay Winches
- AC variable frequency drive packages
- Hydraulic Power Units
- Fairleaders – 5- and 7-pocket chain, wire and chain/wire combination
- Horizontal and vertical sheaves

SMATCO® Anchor Handling Equipment *(New & Used)*

- Double drum side by side towing Units
- Double drum waterfall
- Triple drum AHTS Units
- Diesel powered
- Electrically powered
- Low pressure hydraulic power
- High pressure hydraulic power
- Hydraulic tuggers
- Storage winches
- Secondary winches
- Stern Rollers
- Bow Windlasses

Oil States Articulating Concrete Mats

- Pipeline crossing
- Pipeline stabilization
- Soil and bank stabilization
- On-land revetment and wash-out prevention

Services:

Marine Equipment Repair, Refurbishment and Services

- Repairs and refurbishment on all makes or brands of marine cranes, winches and anchor handling and deck equipment

Spare Parts and Procurement Services

- Vast inventory of spare parts to accommodate a wide range of marine and offshore support equipment

Rental Cranes, Winches and Deck Equipment

- Winches and crane equipment available for rental or lease-to-purchase



MONTCO Offshore Liftboat "Myrtle" with Nautilus Crane Models 60B2A-70, 340BT-50/70 and 1100L1-110

Nautilus[®] Marine Cranes

Oil States' Nautilus line of marine cranes is respected worldwide for quality, safety and engineering excellence. Nautilus Marine Cranes are in use around the world on all types of fixed and floating structures such as offshore production platforms, TLPs, Spars, marine vessels and on dockside mount applications. Utilizing Slewing Bearing Technology, considered the safest technology in modern crane design especially for floating facilities, our crane solutions incorporate the latest hydraulic technology to deliver the highest quality, slewing-bearing pedestal-mounted cranes available.

- **Nautilus Box Boom Cranes** combine a low-profile design with low cost “box” type boom construction. Boom lengths are fixed, ranging in lengths from 20 ft. to over 100 ft. and utilize hydraulic luffing cylinders in a compact design that allows for toughness and durability with low maintenance and operational costs. Features include double tapered booms, main & auxiliary hoist options, no boom hoist, multiple slewing drive motor capability, maintenance jibs and open center access for easy maintenance. Nautilus has box boom designs that range from 5 ton to 115 ton lift capacities. With over 20 different base models to choose from, picking the correct size crane for your application is easy and cost effective.



Marco Polo TLP - Nautilus Model 440L1-120 Marine Crane and Nautilus Model 600L-120 Marine Crane



Nautilus Model 1000L3 Marine Crane

- **Nautilus Lattice Boom Cranes** combine proven offshore designs with lighter weight lattice-type boom construction. Bridle and Pendant systems allow for flexibility in changing boom lengths as required on your facility with boom lengths ranging from 60 ft. to over 250 ft., depending on model. Continuous reeving systems are also available. Lattice boom designs allow for high strength/weight ratios that create very high lift capacities, better wind resistance and bolted boom section construction for low maintenance. Features include multiple boom lengths, main & auxiliary hoist options, boom hoists, multiple slewing drive motor capability, powered maintenance jibs and open center access for easy maintenance. Nautilus has lattice boom designs that range from 50 ton to 500 ton lift capacities with over 17 different base models to choose from for easy and cost effective selections.



Nautilus Model 1100L Marine Crane

- **Nautilus Telescopic Boom Cranes** combine a low-profile design with low cost “box” type boom construction with the added feature of a hydraulically telescoping boom section to provide boom length flexibility. Boom lengths are variable ranging in lengths from 30 ft. to 100 ft. in differing combinations and utilize hydraulic luffing cylinders in a compact design that allows for toughness and durability with low maintenance and operational costs. Features include main & auxiliary hoist options, multiple slewing drive motor capability and open center access for easy maintenance. Nautilus has telescopic box boom designs that range from 10 ton to 70 ton lift capacities. Over 6 different base models to choose from make choosing the correct size crane for your application easy and cost effective.

Marine Crane Service

Oil States service facilities offer expert repair service and parts for cranes from all top manufacturers with a large inventory of used Oil States cranes completely refurbished and “ready to go” or ready for refurbishment. Our crane manufacturing and service facility in Houma, Louisiana has 45 acres of total fabrication, assembly and testing capacity. We also have a sales, parts and service center in Rayong, Thailand to serve your needs in Southeast Asia. More than 65 trained service specialists are available to meet your needs around the clock and around the world.

Services include:

- Maintenance, repairs, inspections and testing
- Rigging package upgrades
- Refurbishments to like-new condition
- Hydraulic system design, re-design and retrofits
- Massive inventory of crane parts
- Boom and hoist exchange programs
- Training and certification programs including Crane Operator and Rigger Certification
- Braden Authorized Service Center at both of our facilities



Nautilus Model 180B-70 Marine Crane

SMATCO® Winches

Oil States Skagit SMATCO manufactures a full line of AHTS winches, bow windlasses, capstans, tuggers, stern rollers, storage winches and sheaves for the marine industry. We can also design and build specialty winches for our customers' unique applications. All of our products are modular and available in diesel, electrical and high or low pressure hydraulic power packages. Our winches are designed to provide safe, anchor handling and towing activities to offshore operators working in water depths ranging from a few hundred feet out to 10,000 feet (3,000 M plus) worldwide.



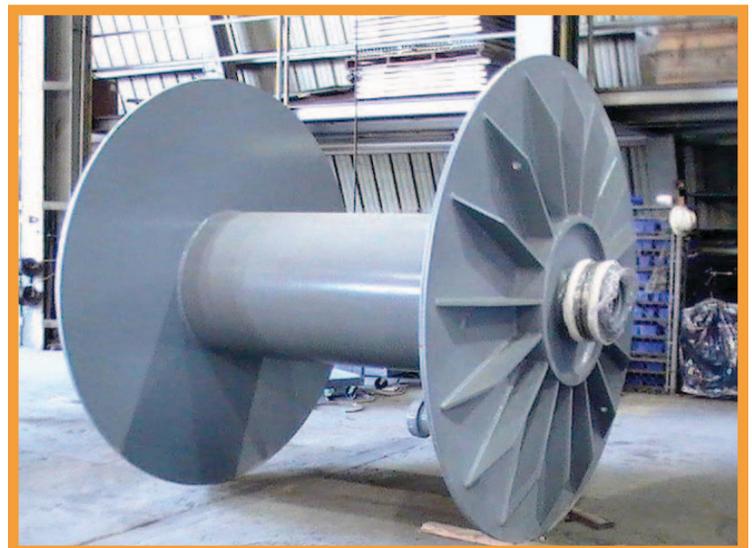
SMATCO Model 84 250 Ton LP Hydraulic AHTS Winch

- **Low Pressure Hydraulic Driven Winches** are powered by the SMATCO-developed MM60 low-pressure hydraulic motor - the most technologically advanced motor of its type.
- **Diesel Engine Powered Winches** have been the workhorse for anchor handling and towing operations for over 30 years.



SMATCO Model 140 500 Ton LP Hydraulic AHTS Winch

- **Electric Motor-Driven Winches** are powered by DC electric motors and SCR controls. Optional AC variable frequency electric motors and controls are also available.
- **Combination Drum/Traction Drum Winches** can be powered either electrically or by low-pressure hydraulic motor systems. These drive options allow the operator to choose the speed/pull required for the application.



SMATCO Model 140 Secondary Winch Drum



SMATCO Model 140 Series 400 Ton AHTS Loadout

- **Storage Reels** SMATCO wire rope Storage Reels are designed to spool the required wire rope size and capacity with the line pulls to meet customer specifications in either hydraulic or electric drive packages.
- **Towing Winches** SMATCO tow winches can be furnished in single or side-by-side/waterfall double drum configurations. These can be furnished with either high pressure hydraulics, diesel, or electric power units. The units are also available with catheads and/or optional levelwinds to meet the demands of today's towing industry.



SMATCO 12,000 ft. (3,650 M) Storage Reels

Stern Rollers SMATCO can furnish either roller bearing or bushing mounted Stern Rollers in straight, bowtie, and custom diameters to meet customer requirements and diverse configurations.

Accessories include:

- Bow Windlasses
- Capstans
- Deck Fairleads
- Hydraulic Power Units
- Levelwinds
- Stern Rollers
- Storage & Secondary Winches
- Towing Winches



SMATCO AHTS Towing Winch Levelwind

Every Make and Every Model - Oil States Skagit SMATCO handles it all from simple repairs to complete refurbishment on all makes or brands of winches and anchor handling & deck equipment. Our engineers not only design your equipment, but they also work on site worldwide to oversee installation, maintenance and refurbishment.

- 24/7 customer service
- Installation/startup services available

Skagit® Mooring Systems

Oil States is the leader in designing and manufacturing deepwater mooring systems for offshore drilling vessels, pipelay and derrick barges, and floating production systems.

Windlasses: The Skagit WMD mooring windlass is designed for drilling vessels and is available in single, double or triple wildcat configurations. The unit features a five-whelp designed wildcat with European designed wildcats available upon request. The windlass can be arranged for vertical and horizontal chain lead and is furnished with chain strippers to provide smooth feeding of chain into the chain lockers.



Skagit Storage Winches for Moorings

Mooring Winches: The Skagit ETW, AED and DMW series mooring winches are designed for mooring offshore vessels. The units are available as single, double or triple drum in side-by-side and waterfall configurations with wire rope lead horizontal or vertical.

Traction Winches: The Skagit TMW series traction winch system is designed for mooring of deepwater drilling vessels, pipelay and derrick barges and special hoisting/lowering applications. The TMW is composed of single, double or triple side-by-side units with storage winch.



Skagit DMW 250 Mooring Winches

Conventional Drum/Windlass Combination Mooring Units:

The Skagit ETW series combination drum/windlass system is designed for deepwater mooring of offshore vessels requiring the need for a combination chain/wire mooring line. The combination system is composed of two side-by-side drum/windlass units.

Traction Winch/Windlass Mooring Units:

The Skagit TMWW series combination traction drum/windlass system is designed for deepwater mooring of offshore vessels requiring the need for a combination chain/wire mooring line with a continuous high tension in haul requirement. The combination system is composed of a number of traction drum/windlass unit.



Oil States Skagit RB 90 Heavy Duty Hoist



Skagit Mooring Traction Winches

Construction Vessel Winches: The Skagit AED series mooring winch is a single drum unit designed for offshore pipelay and derrick barge operations. The winch is available with horizontal and vertical wire rope lead.

Riser Pull-In Winches: The Skagit Pull-In Winches are specifically designed to assist in the installation of FPSO risers and fixed mooring applications. These units are custom designed to meet specific customer requests.

Hoists: The Skagit RB and MD series hoists are designed for heavy lift and lowering and anchoring applications. The winches are available as single drum or two, three and four drum waterfall units.



Skagit Load-lowering Traction Winch

Fairleaders: The Skagit model UCWF wire/chain fairleaders are designed to be mounted to offshore vessels and allow the winch load wire or chain to safely be deployed over board. The Skagit deck mounted fairleaders are designed with a roller bearing arrangement. The Skagit underwater mounted fairleaders are designed with a self-lubricating type bushing arrangement. Skagit fairleaders are designed to handle wire/chain sizes from 1" (25 mm) to 7" (180mm).



Skagit FPSO 7-Pocket Chain Fairleaders

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- 24/7 customer service
- Installation/startup services available

Oil States Articulating Concrete Mats

Oil States Articulating Concrete Mats provide the ideal solution for protecting and stabilizing unburied pipelines, flowlines and umbilicals on the sea floor. When placed over exposed lines, these flexible structures form a strong, wide-area blanket that stays in place, even in high-current areas.

Typical Applications

Offshore:

- Protecting exposed pipelines, flowlines & umbilicals
- Stabilizing exposed lines in high-current locations
- Free span correction on uneven sea beds
- Separating pipelines at crossings

Onshore:

- Revetment system for erosion control, shoreline stabilization and protection



Flexible, Low-Profile Matrix

The hexagonal cross-section of the concrete blocks and the polypropylene rope linkages are engineered to give the mats maximum flexibility in both planes. Articulating 8' x 20' concrete mats are available in 4 1/2-inch, 9-inch and 12-inch thicknesses. Custom sizes are also available upon request.



Oil States Articulating Concrete Mat 20'
Deployment Frame and Mats

Unlimited Service Life

Our articulating concrete mats last well beyond the service life of the pipeline. Neither the concrete blocks nor the UV stabilized polypropylene rope will degrade or deteriorate, even under harsh conditions.

Optional Non-Abrasive Boots

Tough, integral, polyvinyl chloride boots protect pipeline coatings that might be damaged by contact with concrete mat blocks. The non-abrasive boots become an integral part of the mat when the concrete is cast in the mold. Embedded anchors hold each boot securely in place.

Exclusive Deployment Frame

Oil States' patented deployment frame makes precise mat placement simple. With our diver and ROV friendly mechanical single-point release handling frame, our mats are easily lowered into place by crane.

Custom Engineered

Skagit SMATCO Concrete Mats can be custom engineered and manufactured to meet the requirements of any application. Concrete density, weight, thickness, size and shape can be varied as required.

Repair, Refurbishment, Parts & Rentals

Marine Equipment Repair and Refurbishment Services

We handle it all – from simple repairs to complete refurbishment on all makes or brands of marine cranes, winches and anchor handling and deck equipment.

- 24/7 customer service
- Highly skilled field technicians and engineering and manufacturing personnel work around the clock when necessary
- Excellent warranties
- Installation/startup and training services available
- Repower your equipment with hydraulic, electric or diesel fuel
- Build or remanufacture special components.
- Massive parts inventory of genuine Skagit, SMATCO and other brands for quick parts replacement and reliable operation
- Full load and shop testing

Oil States Skagit SMATCO is an authorized Braden Winch, EATON Brake and Wichita Brake repair and service facility

24-Hour Worldwide Spare Parts and Procurement Services

Leave the stocking to us to reduce your costs and lead times. Oil States Skagit SMATCO stocks a vast inventory of spare parts to accommodate a wide range of marine and offshore support equipment, so you can get back up and running fast.

Staffed by highly experienced professionals, our parts department can provide procurement services for a full spectrum of components beyond deck equipment. Take advantage of our purchasing power to procure:

- | | | |
|-------------|------------------------|----------------------|
| • Bearings | • Gauges | • Pneumatic Controls |
| • Brakes | • Gears | • Seals and Rings |
| • Bushings | • Hydraulic Components | • Shafts |
| • Calipers | • Hydraulic Fittings | • Sheaves |
| • Chain | • Hydraulic Hoses | • Transmissions |
| • Clutches | | • Wire Rope |
| • Cylinders | | |
| • Filters | | |

Rental Solutions for Cranes, Winches and Deck Equipment

To replace equipment undergoing repair or for other short-term equipment needs, our rental/lease solutions provide you with both financial and logistical flexibility.

Oil States Skagit SMATCO offers a range of winches and crane equipment available for rental or lease-to-purchase. Our rental fleet includes equipment in both new and refurbished condition to meet your needs.



One Source... Diversified Solutions



Oil States Skagit SMATCO's indoor fabrication facility.



Oil States Skagit SMATCO's 185,000 square foot manufacturing, engineering, sales and service facility with waterfront access.

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