

ON&T

Ocean News & Technology

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UPPER
DECK 2019

EQUIPMENT GUIDE



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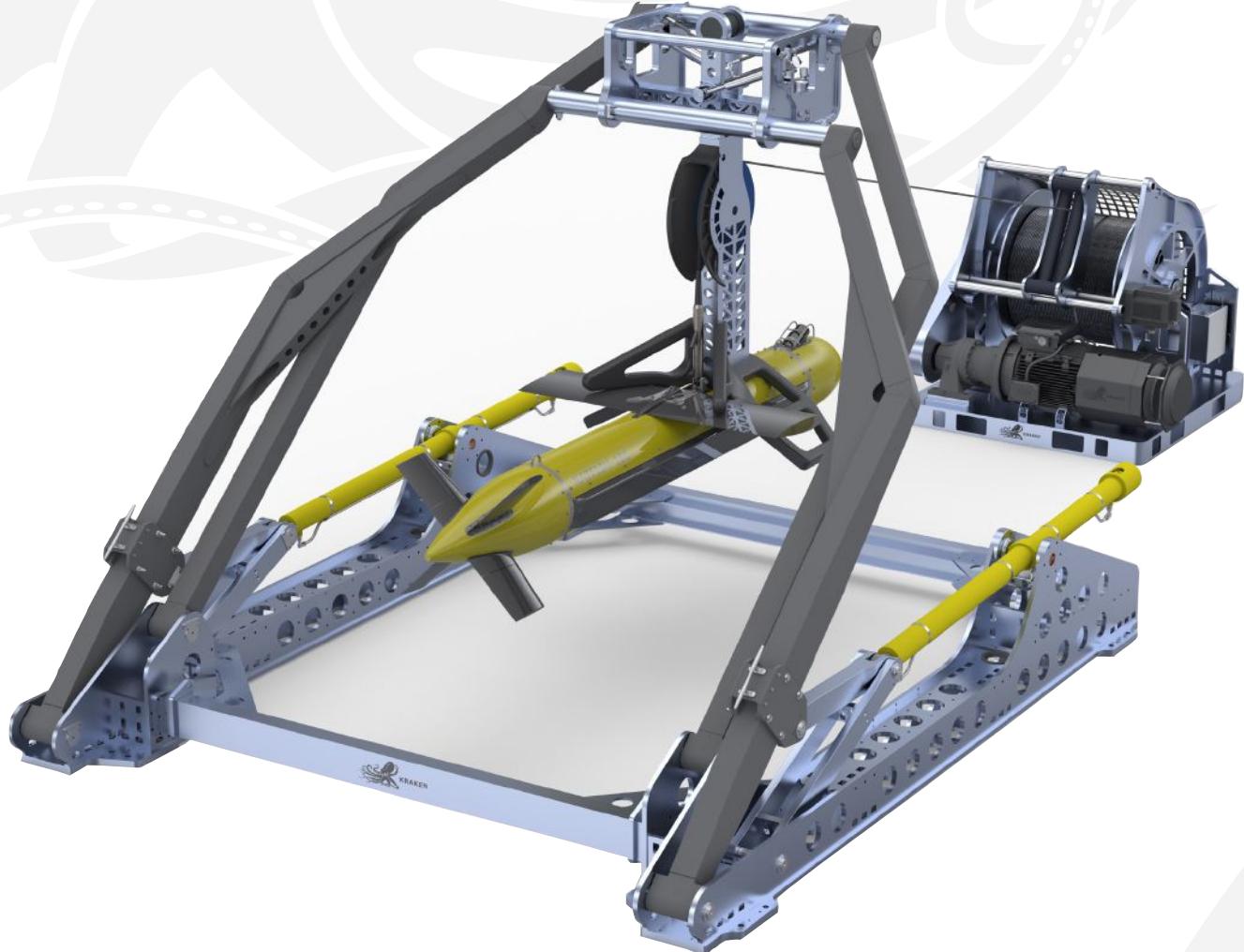
The information presented in ON&T's "Upper Deck – A Buyers' Guide to Deck Equipment" was gathered and compiled via desk research. All product and company information was obtained from active corporate websites between January – August 2019.

Harsh. Relentless. Unforgiving.

These are all words used to describe the ocean environment.

At Kraken, we work in the ocean everyday. We develop world leading technology to maximize reliability, performance, and above all else, Safety.

**Introducing the Tentacle Winch™ and Autonomous Launch and Recovery System
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Safely and Intelligently
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Ocean News & Technology ISSN# 1082-6106
is published 10 times a year in print and digital by
Technology Systems Corporation, 7897 SW Jack
James Dr., Suite A, Stuart, FL 34997, telephone
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TED BROCKETT
Managing Director of Products and Engineering
Okeanus Science & Technology, LLC



Why Lease? Smart Solutions Multiply with a Try Before You Buy Approach

Okeanus provides the latest oceanographic and marine scientific equipment—including winches and LARS—for sale or for lease. For many customers, buying off the shelf or purchasing a custom-built solution is the best choice, and we do pride ourselves on the quality solutions we sell, but for many of our customers, leasing makes more sense.

For one thing, leasing allows customers to try a system before making a final decision. If a customer is not entirely sure which options they will need, they can lease a solution that includes every option of potential interest. Since Okeanus leases equipment from many top manufacturers, a customer could lease pieces of equipment from multiple manufacturers before making a final purchasing decision.

Another reason to lease could be balancing Capital Expenditures (CAPEX) vs. Operating Expenses (OPEX). A customer may have no capital expenditures budget remaining, but still have a healthy operational budget. In such a case, they can do the exact same work, using the same equipment they would have after purchasing out of their CAPEX budget, by leasing the equipment out of their OPEX budget.

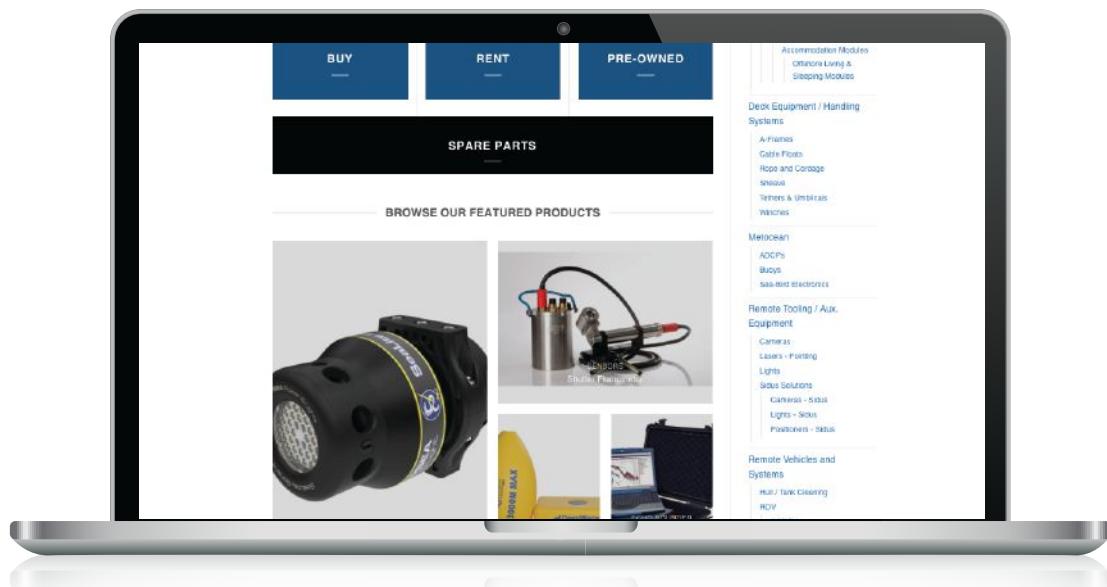
For short term projects, leasing can also allow companies to use larger, more capital-intensive equipment. If you have ten survey projects lined up, buying a million-dollar piece of equipment makes sense, but if you only need the equipment for a month, or you are not sure if you will have another similar project, then buying may not be justified.

Leasing means not having to spend the full cost of essential equipment up front. Leasing also means no cost of ownership, maintenance and storage, or the depreciation of idle assets not producing income.

At Okeanus, we have skilled technicians at our office in Houma who are dedicated to making sure that equipment is one hundred percent in working order before it goes out the door. When the equipment comes back, we inspect it again, because a lease opportunity could come in the next day and we want to make sure the equipment is ready to go.

Purchasing can mean a wait. A winch solution, for example, could take up to four months for delivery. If your job begins a week from tomorrow, you can't wait sixteen weeks. Leasing the same equipment, even as a stop gap, would allow you to perform your job immediately. With a full range of products available from Okeanus, leasing truly can be the best option for many projects.

www.okeanus.com



The largest single source marketplace for marine professionals

SeaCatalog.com is a centralized marketplace that supports ocean professionals from around the world by sourcing components and parts from multiple vendors through long time relationships with our global partners.

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WINCHES

ALLIED MARINE CRANE

WWW.ALLIEDSYSTEMS.COM | Sales | cranes@alliedsystems.com



ALLIED CT WINCHES

Allied provides a wide range of constant tension winches for maintaining constant line pull in rough seas. This feature makes it easier and safer to launch and retrieve a rescue boat using the Allied davit. The Allied constant tension winch delivers the high performance and reliability needed in severe marine environments.



ALL MKTS | ALL OPS | AEL | HYD
HEA | TOW



ALLIED AH WINCHES

The Allied AH winches are intended for use on ABS-classed vessels where personnel handling is required in cold weather environments. The AH winches use Charpy tested materials for cold weather conditions; a redundant drum brake ensures safety in the most extreme situations. This product line offers a range of line pulls from 2,000 lbs. to over 50,000 lbs.



ALL MKTS | ALL OPS | AEL | HYD | ALL TSKS

APPLETON MARINE INC.

WWW.APPLETONMARINE.COM
Sales | sales@appletonmarine.com



MARINE WINCHES

Appleton Marine has over 35 years of experience as a marine winch manufacturer specializing in shipboard handling and deck machinery. If you need a mooring winch, offshore winch, deck winch, or are in the market for a custom winch design, Appleton Marine can build it.



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BOPP TREUILS

WWW.BOPP.FR | Sales | contact@bopp.fr



HYDRAULIC NET SOUNDER WINCHES

Bopp is well-known as a leader in designing and manufacturing hydraulic and electrical systems for marine applications.



FIS | F&A | AEL | HYD | FSH

C.M.T. SRL

WWW.CMTWINCHES.COM
Sales | cmtwinches@gmail.com



WORKING WINCHES

- Offshore winch (50 - 350 ton)
- Cargo winches.
- Mooring winches (15 - 350 ton)
- Trailer winches (100 - 350 ton)



CON | FIS | MIN | INT | O&G | REN | SCI
PLA | AEL | MOO

MARKETS

CON	CONSTRUCTION
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REN	RENEWABLES
SCI	SCIENCE

OPERATIONS

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PLA	PLATFORMS
REA	RESEARCH VESSELS
SHI	SHIPYARDS
BOA	SMALL BOATS / YACHTS
TUG	TUGBOATS / WORKBOATS

POWER

AEL	ALL-ELECTRIC
ELE	ELECTRO-HYDRAULIC
HYD	HYDRAULIC
MAN	MANUAL
PNE	PNEUMATIC
DIE	DIESEL

TASKS

FSH	FISHING
HEA	HEAVE COMPENSATION
MOO	MOORING
RSH	RESEARCH
TOW	TOWING / ESCORT
TRA	TRACTION WINCH
UMB	UMBILICAL

WINCHES

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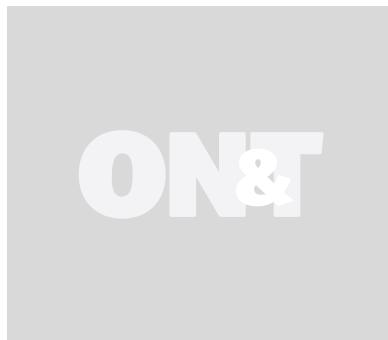
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C-LARS, LLC

WWW.C-LARS.COM
Adam Janac | info@c-lars.com



ELECTRIC CTD WINCHES

C-LARs has the expertise to design and manufacture both DC & AC electric custom winches to meet customer specifications. Our winches are equipped with a simple, efficient, and cost effective electro-active levelwind system. C-LARs levelwind system does not require software, can easily be tuned in the field, and can levelwind multiple cable diameters with ease.



SCI | REA | AEL | RSH

COASTAL MARINE EQUIPMENT

WWW.CMEI.BIZ | Sales | marks@cmei.biz or anthonyg@cmei.biz



CONSTRUCTION WINCHES

Coastal Marine Equipment Construction Winches are available in single, double and multiple waterfall configurations. All winches can be powered electrically, hydraulically or diesel. Other drum sizes and performances are available.



CON | TUG | AEL | ELE | HYD

MOORING WINCHES

Coastal Marine Equipment Mooring Winches are available in single, side x side and waterfall configurations. All winches can be powered electrically, hydraulically or diesel and manufactured to meet any regulatory agency or standard.



CON | TUG | AEL | HYD | MOO

DAVID ROUND COMPANY, INC.

WWW.DAVIDROUND.COM | Sales | info@davidround.com



202 SERIES: INDUSTRIAL WINCHES

- Line speeds up to 19 feet per minute
- Stores over 400 ft. of 1/2 inch diameter wire rope for winches pull
- 5-ton single line load cap. tugger winch
- Proven in many industrial, marine and construction applications
- Single mechanical load brake is standard



CON | FIS | O&G | REN | SCI | ALL OPS
AEL | ALL TSKS |

203 SERIES: CUSTOM INDUSTRIAL ELECTRIC OR AIR WINCHES

- Single line capacities from 1/4 to 50 tons.
- Cable drums sized to meet the rope storage requirements, fleet angle restrictions and space limitations of each application.
- Modular sealed gear sets, sized for intended service factor, develop almost any required line speed from less than 1 FPM to over 300 FPM
- Motor, band, fan, disc and Weston-style brakes as well as vector drive options.
- Free-spooling drum clutches, powered level winds, special drum grooving patterns and fairleads are easily integrated with to maximize rope handling and spooling efficiency



CON | FIS | O&G | REN | SCI | ALL OPS | AEL | PNE | ALL TSKS

WINCHES

DMT MARINE EQUIPMENT SA

WWW.DMT-WINCHES.COM | Sales | sales.usa@dmr-winches.com



ANCHOR MOORING WINCHES

The anchor mooring winches that we produce at DMT, also known as windlasses, combine multiple solutions on a single driven main shaft. They offer a variety of optional features, such as stainless steel drums, hydraulic or pneumatic brakes and clutches, stainless steel bolts and nuts, galvanized clovers, greasing systems, stainless steel protective covers and many more.



ALL MKTS | ALL OPS | HYD | PNE | MOO



TOWING WINCHES

With their high speed render and recovery, towing winches are mostly used on the decks of tugboats and can be configured according to the client's requirements and specifications. They can have any desired capacity and can be powered by hydraulic or electric drives. The stronger a towing winch is, the better the performance.



ALL MKTS | ALL OPS | AEL | HYD | TOW

DYNACON INC. (FORUM)

WWW.F-E-T.COM | Sales | dynacon.sales@f-e-t.com



ROV WINCH SYSTEM

DYNACON offers Remotely Operated Vehicles (ROV) winch systems to work with operations up to a depth of 4000 meters. All ROV winch systems are custom engineered to suit our customer's specifications. Typical options include various levelwind configurations, horsepower ratings, hazardous area ratings and controls. We have the ability to custom design a solution to fit your specific needs.



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HYD | RSH

GLOBAL DAVIT

WWW.GLOBAL-DAVIT.DE

Sales | info@global-davit.de



VARIOUS WINCHES

Incorporating customer demands in standard solutions, while realizing the optimum combination between costs and delivery time on a highest quality level. Additionally to the complete systems Global Davit GmbH also offers the full scalar of winches and a wide range of accessories suitable for your deck equipments.



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HUISMAN

WWW.HUISMANEQUIPMENT.COM

Sales | sales@huisman-nl.com



ANCHOR HANDLING AND TOWING

These systems are being used in a conjunction with deep-tow sonar, subbottom profiling, towed camera sleds, and deep-water search and salvage operations.



ALL MKTS | ALL OPS | AEL | TOW

TRACTION WINCHES

DYNACON is the industry leader in the design and manufacture of traction winch systems handling up to 11,500 metres (38,000 feet) and more of fibre optic and electro-mechanical cables.



REN | SCI | PLA | REA | AEL | ELE | RSH | TRA



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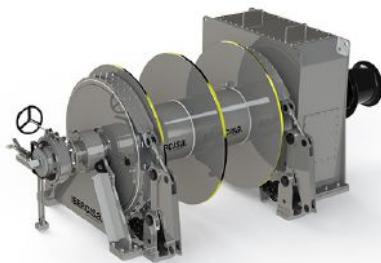
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IBERCISA

WWW.IBERCISA.ES
Sales | ibercisa@ibercisa.es



ESCORT TOWING WINCHES

IBERCISA designs and manufactures wide range of escort towing winches adapted and designed to each clients.



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ITALMECAN

WWW.ITALMECAN.COM
Sales | italmecan@italmecan.com



OFFSHORE WINCHES

Design and manufacture of deck machinery, hydraulic power systems and steering gear for AHTS, PSV, ROV, stand by survey vessels and unpowered barges.



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INDUSTRIAS FERRIS, S.A.

WWW.FERRI-SA.ES
Sales | sales@ferry-sa.es



INDUSTRIAS FERRIS WINCHES

Based on continuous research and the inherited technical knowledge and expertise, our team is prepared to offer ready-to-go solutions for extreme working conditions throughout the world and certified by all societies. A full range of made-to-measure winches for all types of vessels. From towing winches to 400t dynamic wowing pull, to fishing equipment.



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MAN | PNE | ALL TSKS

INTEROCEAN SYSTEMS, LLC

WWW.INTEROCEANSYSTEMS.COM
Sales | sales@interoceansystems.com



ROV/ROTV WINCH

A highly mobile deployable tool for mapping and searching applications. This umbilical handling system offers reliable deployment, recovery and towing of search and mapping systems.



SCI | REA | ELE | TOW |

MACARTNEY

WWW.MACARTNEY.COM
Jennifer Stewart | jas@macartney.com



MERMAC S – MULTIPURPOSE WINCH SERIES

MacArtney MERMAC S electrically driven winches are advanced systems suited for numerous general marine applications. Available with several purpose built features and options which make them ideal for use with side scan sonars, corers, CTD systems, towed vehicles and other instrument and equipment types.



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MERMAC U – MULTIPURPOSE UNDERWATER WINCH

The MERMAC U underwater winch system is available with various purpose-built features and options, which makes it ideal for use within e.g. scientific, defence, and homeland security industries.



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KRAKEN ROBOTIC SYSTEMS INC.

WWW.KRAKENROBOTICS.COM

Shauna Cotie | info@krakenrobotics.com

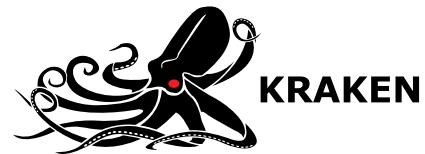


TENTACLE WINCH

The Kraken Tentacle Winch™ is designed to tow the KATFISH™ (Kraken's Active Towfish) and when coupled with our over boarding system it transforms into a complete, robust Autonomous Launch and Recovery System (A-LARS) making deployment and recovery of your assets as safe and easy as possible. The Tentacle Winch is constructed of non-welded aluminum for high strength, low-weight, and low magnetic permeability. These properties are important for small host vehicles such as Unmanned Surface Vehicles (USVs) and mine counter measures (MCM) vessels.



ALL MKTS | REA | AEL | RSH



MACARTNEY

WWW.MACARTNEY.COM | Jennifer Stewart | jas@macartney.com



MERMAC R – REMOTELY OPERATED VEHICLE (ROV) WINCH SERIES

MacArtney MERMAC R electrically driven winches are robust and advanced vehicle handling systems that safely control the launch, operation and recovery of work class and inspection ROV systems.



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CORMAC M – MODULAR STAINLESS STEEL WINCH SERIES

MacArtney CORMAC M modular stainless steel winches feature a modular and compact design allowing for flexible system installation on vessels with confined deck space. The CORMAC M series includes five different standard winch models (M2, M3, M4, M5 and M6).



CON | O&G | REN | SCI | PLA | REA | AEL
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MACARTNEY

WWW.MACARTNEY.COM | Jennifer Stewart | jas@macartney.com



CORMAC Q – STAINLESS STEEL WINCH SERIES

MacArtney CORMAC Q stainless steel winches are dependable and versatile systems self-contained in protective frames. The CORMAC Q series includes five different standard winch models (CORMAC Q2, Q3, Q4, Q5 and Q6) which are all available in HS (high speed) versions.



CON | O&G | REN | SCI | PLA | REA | AEL
ALL TSKS

CORMAC B – BASIC WINCHES WITH MANUAL OR ELECTRIC DRIVE

CORMAC B comes with manual drive as a standard but is also available with hand crank or electric motor drive. The reels feature a highly modular system design and are easily modifiable to accommodate a variety of tasks and applications. All systems are designed to be lightweight and highly portable.



CON | O&G | REN | SCI | PLA | REA | AEL
MAN | ALL TSKS

MERMAC D – DOCKING HEAD SOLUTIONS

MacArtney MERMAC D docking heads usually form part of complete vessel winch and handling solutions. However, the docking heads are now available as separate items to order for various purposes. They come in three sizes, MERMAC D20, MERMAC D45 and MERMAC D50.



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Ocean Specialists' expertise is in integrating engineering, technology and marine operations. We provide cost effective, rapid deployment and discrete solutions for a wide range of projects.



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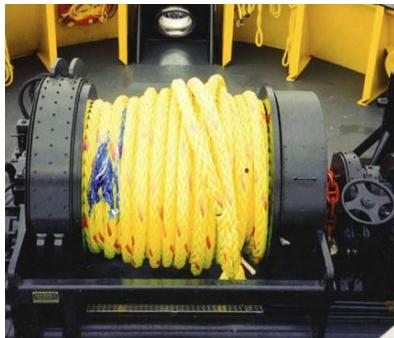
OCEANSPECIALISTS.COM



WINCHES

MARKEY MACHINERY

WWW.MARKEYMACHINERY.COM | Sales | info@markeymachinery.com



COMBINATION WINCHES

When deck space is at a premium, a combination winch may be your best choice. Markey has produced capstan-windlass models and Hydraulic Hawser Winches with Wildcat configurations. This class of equipment include capstan/windlasses, mooring winches with anchor windlass capability, hawser winches with integral windlasses and other configurations.



CON | DEF | FIS | O&G | SCI | PLA | REA | ELE | MOO



MOORING WINCHES

Markey's mooring systems are working the world over from platforms in Africa and oil fields in the Gulf of Mexico to the numerous barges around the country. Our popular line of DESM models includes a series of rugged single-drum electric mooring winches designed to handle soft line or wire-rope.



CON | DEF | FIS | O&G | SCI | PLA | REA | ELE | MOO



SCIENTIFIC/OCEANOGRAPHIC RESEARCH WINCHES

Markey Machinery, has been supporting the scientific community with Near-shore, Deep Sea and Traction winches for over 40 years. We custom build each research winch to withstand daily use in the harsh marine environment while avoiding costly missed opportunities to complete critical science missions.



SCI | PLA | REA | ELE | RSH



MARINE TOWING WINCHES

Markey tow winches are fully customizable and are truly the workhorse of the industry. There are numerous configurations we can accommodate. From diesel, electric or hydraulic power sources to fairleaders and warping heads, our tow winches offer high line-pull and braking power that makes them perfect for offshore towing.



CON | DEF | FIS | O&G | SCI | ALL OPS | ELE | TOW

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HAWSER/ESCORT WINCHES

Markey Machinery produced its first Hawser winch, designed for spooling high strength synthetic rope, more than three decades ago. Since then Markey engineers have continued to innovate by incorporating features like levelwinds to reduce pull down between lower wraps, automatic gear boxes for on-demand high load and high speed performance, water-cooled dynamic brakes for controlled payout of loaded hawsers, Markey Render/ Recover® automatic line tension controls, NexGen programming to prevent electric motor over speeding, and tension monitoring systems for the ultimate in operating safety.



CON | DEF | FIS | O&G | SCI | TUG | AEL | ELE | HYD | TOW

WINCHES

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PLATFORMS

REA
RESEARCH
VESSELS

SHI
SHIPYARDS

BOA
SMALL BOATS /
YACHTS

TUG
TUGBOATS /
WORKBOATS

POWER

AEL
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HYDRAULIC

HYD
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TASKS

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FISHING

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COMPENSATION

MOO
MOORING

RSH
RESEARCH

TOW
TOWING /
ESCORT

TRA
TRACTION WINCH

UMB
UMBILICAL

NABRICO

WWW.NABRICO-MARINE.COM | Sales | nabrico@arcosa.com



MANUAL WINCHES

NABRICO provides the extra hands you need for fast and sure tow make-up and breakdown with a complete line of hand winches in both left and right hand models (except 2/5 ton winches).



FIS | F&A | MAN | FSH

SIDEWINDER WINCHES

NABRICO Winches represent the expertise of people who know and understand the special needs of the towing industry. NABRICO's engineers incorporate over 100 years of experience in the river transportation industry in the development of both specialty and standard winch configurations.



CON | FIS | SCI | F&A | PLA | REA

ANCHOR WINCH

NABRICO is a full line supplier of electric and hydraulic anchor winches, mooring winches and windlasses. We will custom fit each anchor winch, mooring winch or windlass to your specific application to ensure the best possible configuration.



O&G | PLA | REA | AEL | ELE | HYD | MOO

MARINA DIESEL, SL

WWW.DRAULICMARINE.COM

Sales | info@marinadiesel.com



TOWING WINCH

Machines are designed for "heavy duty", being able to resist big loads applied to their structure.



ALL MKTS | PLA | REA | AEL | TOW

OIL STATES

WWW.OILSTATES.COM

Sales | winches@oilstates.com

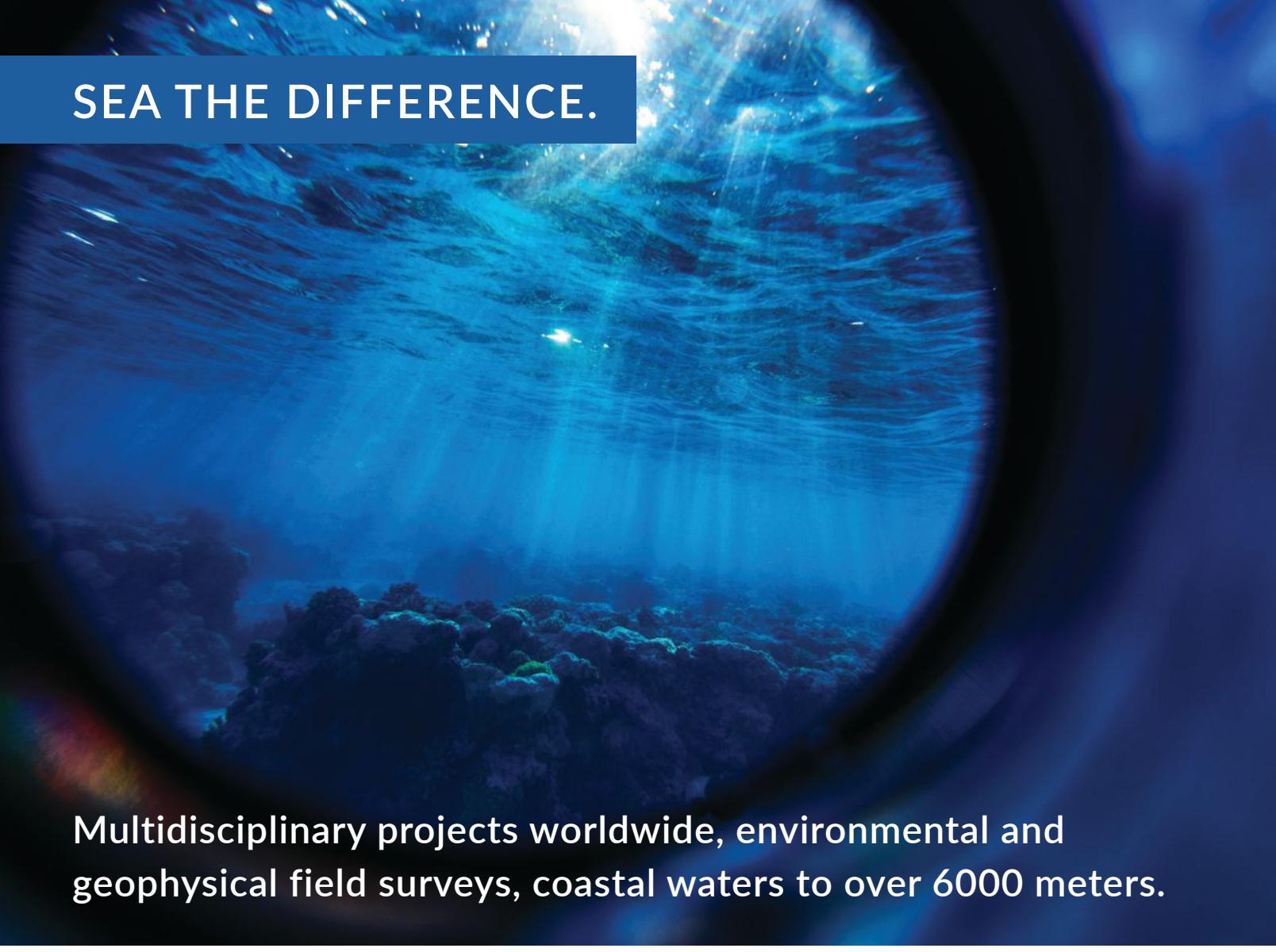


SMATCO™ AHTS WINCHES

Oil States manufactures a full line of SMATCO™ AHTS winches and Skagit™ mooring systems, bow windlasses, capstans, tuggers, stern rollers, storage winches and sheaves for the marine industry. We design and build specialty winches and handling equipment for our customers' unique applications. Our products can be powered by diesel, electrical and high- or low-pressure hydraulic power packages.



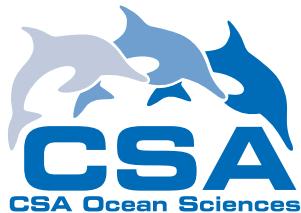
ALL MKTS | ALL OPS | AEL | HYD | ALL TSKS



SEA THE DIFFERENCE.

Multidisciplinary projects worldwide, environmental and geophysical field surveys, coastal waters to over 6000 meters.

Environmental Impact Assessment, Environmental Social and Health Impact Assessment, Environmental Management Plan, Ecological Risk Assessment / Permitting Services / Oil Spill Response / Environmental Baseline Surveys & Drill Surveys Physical Sampling (Sediment, Water, Biological) / Hydrographic & Geophysical Surveys / Metocean & Current Studies Acoustic Monitoring & Modeling / Sound Mitigation (Protective Species Observers, Passive Acoustic Monitoring) Environmental Data Geospatial Services (EDGS) Beach Restoration & Nourishment / Habitat Mitigation, Damage & Risk Assessments Coral, Seagrass, Oyster & Mangrove Services / Habitat Surveys & Mapping / Library & Document Services



Stuart FL (Headquarters), Houma LA, Houston TX, Salinas CA, Tampa FL, Port-of-Spain, Rio de Janeiro, Doha, Perth, Singapore, Cyprus

WWW.CSAOCEAN.COM

WINCHES

MARKETS

CON
CONSTRUCTION

DEF
DEFENSE

FIS
FISHING

MIN
MINING

O&G
OIL & GAS

REN
RENEWABLES

SCI
SCIENCE

OPERATIONS

F&A
FISHING /
AQUACULTURE

PLA
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TUG
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HEA
HEAVE
COMPENSATION

MOO
MOORING

RSH
RESEARCH

TOW
TOWING /
ESCORT

TRA
TRACTION WINCH

UMB
UMBILICAL

OKEANUS

WWW.OKEANUS.COM | Sales | info@okeanus.com



SOSI MPW SERIES

The SOSI MPW Series Multi-Purpose Winches (MPWs) are engineered for medium line-pull operations in a variety of applications. MPW's quality, open-frame steel construction and proven components provide reliable operation while their 3-coat powder finish provides long life even in the harshest marine environments. These winches comply with the USGC 46 CFR 189.35-9 requirements for line breaking strengths up to 11,000 lb.



FIS | MIN | O&G | REN | SCI | PLA | REA
ELE | ALL TSKS

SOSI MTW SERIES

The SOSI MTW Series Medium Tow Winches are designed for medium towed body deployment and similar marine operations. These winches have a formed plate design and compact shape, and contain cable guide sheaves in their level wind assemblies that can be instrumented for measurement of cable parameters such as line tension and scope.



FIS | MIN | O&G | REN | SCI | PLA | REA
ELE | TOW

SOSI OTW SERIES

The SOSI OTW Series Oceanographic Tow Winches are designed for large towed body deployment and similar marine operations. They have a formed plate design and compact shape, and contain cable guide sheaves in their level wind assemblies that can be instrumented for measurement of cable parameters such as line tension and scope.



MIN | O&G | REN | SCI | PLA | REA | ELE |
TOW



SOSI STW SERIES

The SOSI STW Series Standard Tow Winches are designed for small towed body operations. These winches have a formed plate design and compact shape, and contain cable guide sheaves in their level wind assemblies that can be instrumented for measurement of cable parameters such as line tension and scope.



MIN | O&G | REN | SCI | PLA | REA | ELE |
TOW

DT MARINE 200 SERIES

The DT Marine 200 Series winches are specifically designed for short-tow side scan systems, well logging services, towed arrays, and instrumentation for oceanographic surveys. These systems are equipped with a self-contained hydraulic reservoir for their electro-hydraulic drive systems and are offered in ratings ranging from 5HP to 20HP.



SCI | PLA | REA | ELE | RSH

DT MARINE 300 SERIES

The DT Marine 300 Series winches are specifically designed for short-tow side scan systems, well logging services, towed arrays, and instrumentation for oceanographic surveys. These systems are offered with a choice of electronically variable speed or self-contained electro-hydraulic drive systems, and they can operate with either 115/230 VAC single-phase or 230/460 three-phase power. These winches are offered in ratings ranging from 2HP to 10HP.



SCI | PLA | REA | ELE | RSH

WINCHES

OKEANUS

WWW.OKEANUS.COM | Sales | info@okeanus.com



SOSI ECO 500 SERIES

The SOSI ECO 500 Winch is designed to support a wide range of instrumentation and sampling applications in estuaries, coastal oceans, and large lakes and reservoirs. This includes CTD and water sample profiling, bottom grab sampling, and plankton net towing, using small diameter wire rope or electro-mechanical cables, up to 500lbs safe working load.



SCI | PLA | REA | BOA | AEL | ELE | HYD
RSH



DT MARINE 1000 SERIES

The DT Marine 1000 Series winches are specifically designed for 2,000m towed side scan systems, well logging services, towed arrays, and instrumentation for oceanographic surveys. These systems are offered with a choice of an open loop or closed loop self-contained electro-hydraulic drive, they operate on 230/460 three-phase power, and are offered in ratings ranging from 10HP to 25HP.



SCI | PLA | REA | ELE | RSH



SOSI ECO 2000 SERIES

The ECO 2000 is compatible with small diameter wire rope or electro-mechanical cables, up to 2,000 lbs safe working load. Its compact and efficient design enables more sophisticated research operations to be performed from small vessels. The ECO winch series provides excellent speed control and real time cable awareness, allowing precise control of underwater sampling equipment and safe deck operations.



SCI | PLA | REA | BOA | ELE | RSH



DT MARINE 3000 SERIES

The DT Marine 3000 Series winches are specifically designed for deep-tow side scan systems, large V-Fin systems, downhole operations, medium coring operations, ROV operations, and instrumentation for oceanographic surveys. These systems are equipped with a self-contained hydraulic reservoir for their electro-hydraulic drive systems and are offered in ratings ranging from 30 to 125 horsepower.



SCI | PLA | REA | BOA | ELE | RSH

POWER DYNAMICS INNOVATIONS

WWW.POWERDYNAMICSLLC.COM

Online Inquiry Form



DYNAMIC POWER™ HYDRAULIC / ELECTRIC POWERED WINCHES

PDI designs, engineers and manufactures new Standard and/or Custom Winches, with or without HPU packages. We have a standard line of winch sizes, but can also custom design and fabricate winches to suit our client's requirements (capacity, line pull, configuration, etc.). They can be hydraulically, electrically or mechanically driven.



ALL MKTS | ALL OPS | AEL | HYD | ALL TSKS

MARKETS

CON CONSTRUCTION

DEF DEFENSE

FIS FISHING

MIN MINING

O&G OIL & GAS

REN RENEWABLES

SCI SCIENCE

OPERATIONS

F&A FISHING / AQUACULTURE

PLA PLATFORMS

REA RESEARCH VESSELS

SHI SHIPYARDS

BOA SMALL BOATS / YACHTS

TUG TUGBOATS / WORKBOATS

POWER

AEL ALL-ELECTRIC

ELE ELECTRO-HYDRAULIC

HYD HYDRAULIC

MAN MANUAL

PNE PNEUMATIC

DIE DIESEL

TASKS

FSH FISHING

HEA HEAVE COMPENSATION

MOO MOORING

RSH RESEARCH

TOW TOWING / ESCORT

TRA TRACTION WINCH

UMB UMBILICAL

WINCHES

MARKETS

CON
CONSTRUCTION

DEF
DEFENSE

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OIL & GAS

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RENEWABLES

SCI
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F&A
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AQUACULTURE

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YACHTS

TUG
TUGBOATS /
WORKBOATS

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COMPENSATION

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RSH
RESEARCH

TOW
TOWING /
ESCORT

TRA
TRACTION WINCH

UMB
UMBILICAL

RADOIL (REELPOWER OIL & GAS)

WWW.REELPOWEROG.COM

Sales | sales@reelpowerog.com



REEL POWER WINCHES

With a long history of product design and manufacturing, Reel Power OG has developed a series of custom wire rope or synthetic rope Winches like deepwater winch, hydraulic winch, offshore winch, rov winch and mooring winch for various uses in the offshore environment. Winches designed for ROV handling, downhole tool running, equipment placement/removal and many other uses.



ALL MKTS | ALL OPS | AEL | HYD | ALL TSKS

REMAZEL ENGINEERING

WWW.REMAZEL.COM

Sales | info@remazel.com



OFFSHORE WINCHES

Remazel Engineering's long-standing and well-established experience in the offshore sector makes it the ideal company for the design and installation of Winches. The wide range of winches made allows a flexible and versatile supply that can respond effectively to the different customer needs.



ALL MKTS | ALL OPS | AEL | HYD | ALL TSKS

SCHOELLHORN-ALBRECHT MACHINE COMPANY

WWW.SCHOELLHORN-ALBRECHT.COM | Sales | sales@schoellhorn-albrecht.com

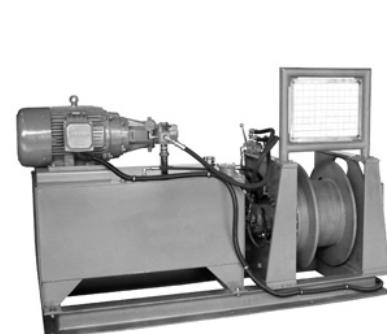


MOORING WINCH / CONSTANT TENSION MOORING WINCH

- Electric, Hydraulic or Pneumatic
- Compact Design
- Several Design Configurations Available
- Wide Range of Speed & Pull Options
- Optional Custom Control Packages



ALL MKTS | ALL OPS | AEL | HYD | ALL TSKS



TUGGER WINCH

- Electric, Hydraulic or Pneumatic
- Compact Design
- Winch / HPU Systems Available
- Optional Custom Control Packages



ALL MKTS | ALL OPS | AEL | HYD | PNE
MOO

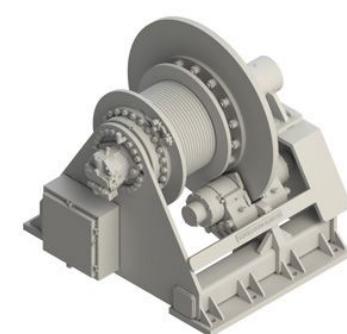


ANCHOR WINCH

- Electric or Hydraulic
- Wide Range of Pulls & Speeds
- Used with Wire Rope or Soft Line
- Optional Custom Control Packages



ALL MKTS | ALL OPS | AEL | HYD | TOW



SWING GATE WINCH

- Electric or Hydraulic
- Wide Range of Pulls & Speeds
- Used with Wire Rope or Soft Line
- Optional Custom Control Packages



ALL MKTS | ALL OPS | AEL | HYD | ALL TSKS

WINCHES

SMD

WWW.SMD.CO.UK | Online Inquiry Form



SMD WINCHES

- Supplies a large range of both lifting umbilical winches and tow winches. Also offers bespoke electric winch solutions.
- Our lifting umbilical winches are capable of handling loads up to 25Te operating in up to sea-state 7.
- Tow winches are used in conjunction with cable plough systems, with tow capacities from 35Te to 200Te tow load.



ALL MKTS | ALL OPS | AEL | HYD | TOW UMB

TALLARES BLANCHADELL, S.L.

WWW.BLANCHADELL.COM

Sales | comercial@blanchadell.com



MACHINERY FOR LONG LINERS FISHING BOATS

Longline reels with different capacities and dimensions in carbon steel, stainless steel, or aluminum. Driven by means of a hydraulic system with the pressure controlled to prevent over pull very detrimental to the reel and the line. The guidance is via a diamond cross threaded spindle driven by mean of pulleys and belt.



FIS | F&A | HYD | FSH

SPENCER CARTER

WWW.SPENCERCARTER.COM

Sales | info@spencercarter.com



TRAVEL WINCHES

Our Travel Winches are designed and built using knowledge gleaned from over 30 years experience, listening to customers and running our own boats.



FIS | F&A | AEL | FSH

STEMA SYSTEMS

WWW.STEMA-SYSTEMS.NL

Sales | sales@stema-systems.nl



HIGHSPEED WINCH FOR SENSORS

The Smartwinch is a highly flexible highspeed compact size instrumentation device for fully automated deployment of various sensors for the hydrographical and geophysical survey industry. The winch is delivered with software which enables operation with most common sensors, such as sound velocity meters, OBS, CTD, side-scan and magnetometer systems.



SCI | REA | AEL | ELE | HYD | RSH

MARKETS

CON CONSTRUCTION

DEF DEFENSE

FIS FISHING

MIN MINING

O&G OIL & GAS

REN RENEWABLES

SCI SCIENCE

OPERATIONS

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SHI SHIPYARDS

BOA SMALL BOATS / YACHTS

TUG TUGBOATS / WORKBOATS

POWER

AEL ALL-ELECTRIC

ELE ELECTRO-HYDRAULIC

HYD HYDRAULIC

MAN MANUAL

PNE PNEUMATIC

DIE DIESEL

TASKS

FSH FISHING

HEA HEAVE COMPENSATION

MOO MOORING

RSH RESEARCH

TOW TOWING / ESCORT

TRA TRACTION WINCH

UMB UMBILICAL



WINCH FOR SPECIAL FISHING SYSTEMS

Designed for a special fishing system for small fish called "sonso." It has two drums driven independently each one from an hydraulic motor without clutch and a ribbon brake; one guide for the rope and the sides of the fishing net hydraulically assisted by means of an hydraulic cylinder.



FIS | F&A | BOA | HYD | FSH



WINCH FOR TOWING BOATS

Special winch to store the rope or the wire of towing boats with a drum with clutch and double ribbon brake hydraulically driven.



FIS | F&A | HYD | TOW

WINCHES

MARKETS

CON
CONSTRUCTION

DEF
DEFENSE

FIS
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MINING

O&G
OIL & GAS

REN
RENEWABLES

SCI
SCIENCE

OPERATIONS

F&A
FISHING /
AQUACULTURE

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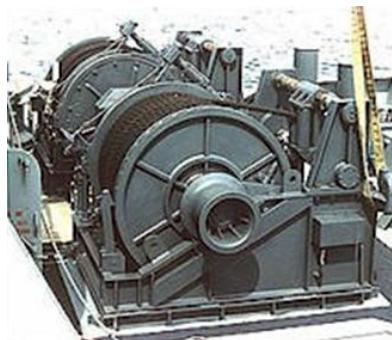
TOW
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ESCORT

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TRACTION WINCH

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UMBILICAL

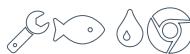
TIMBERLAND EQUIPMENT / ALMON JOHNSON

WWW.TIMBERLANDEQUIPMENT.COM | Sales | sales@tewinch.com



ENGINEERED ANCHOR & MOORING WINCHES

Timberland designs and builds a full range of workboat anchor winches and mooring winches for wire or synthetic rope with capacities from 5 ton to 500 ton. We will custom build and manufacture to suit your requirements, including both electric and hydraulic models with variable speed control for winding.



CON | FIS | O&G | REN | TUG | AEL | HYD
MOO

WORKBOAT TOWING MACHINES & WINCHES

All Timberland marine-duty winches may be custom engineered and manufactured in-house to suit to your requirements.



ALL MKTS | TUG | AEL | ELE | HYD | ALL TSKS

WINTECH INTERNATIONAL LLC

WWW.WINTECH-WINCHES.COM

Sales | sales@wintech-winches.com



DECK WINCHES

Wintech deck winches are designed to protect operator profits by speeding up tow makeup and breakdown. Down time and maintenance are kept to a minimum due to design simplicity and use of superior material.



ALL MKTS | ALL OPS | AEL | HYD | TOW

TOWIMOR

WWW.TOWIMOR.COM | Andrzej Wtorkowski | andrzej.wtorkowski@towimor.com.pl | Sławomir Burnat | s.burnat@towimor.com.pl



OFFSHORE CRANE WINCH

- Customer solution
- TOWIMOR -manufacturing and testing



ALL MKTS | ALL OPS | AEL | ELE | HYD | PNE
ALL TSKS

MOORING WINCHES

- Electric drive
- Hydraulic drive



ALL MKTS | ALL OPS | AEL | HYD | MOO

ANCHOR MOORING WINCHES

- Electric drive
- Hydraulic drive



ALL MKTS | ALL OPS | AEL | HYD | MOO

YMV CRANE AND WINCH SYSTEMS

WWW.YMVCRANE.COM | Sales | info@ymvcrane.com



DEEP SEA WINCHES

Manufacturer of custom winch systems for research and hydrographic and seismic vessels for deep sea research operations, lifting and lowering of special devices under sea. When the depth of sea is above 2,000 Meters we have expertise of precise lowering of vehicles with special control systems. When the length of wire is high, YMV provides smooth winding of the wire with special drum spooling system.



MIN | O&G | REN | SCI | REA | AEL | ELE | HYD | PNE | HEA | RSH

TOWING WINCHES

Manufacturer of towing winches for Tugboats, Multipurpose Supply Vessels, Workboats, Multicats and (AHTS) Anchor handling tug supply vessels. Pull capacity may vary from 5 tonnes to 250 tonnes. Single or double drum or waterfall types are available. Can be designed as suitable for wire diameters upto 78 mm and capable upto 1,000 meters of length.



ALL MKTS | REA | BOA | TUG | AEL | ELE | HYD | PNE | TOW

MOORING WINCHES

YMV Crane and Winch Systems manufacture a wide range of mooring winches for all types of vessels. YMV offers a choice of two drive systems; high pressure hydraulic or electric motor drive. Tension control and auto tensioning modes are available. Mooring capacity of YMV Mooring Winches can vary between 1 tonnes upto 30 tonnes.



ALL MKTS | REA | BOA | TUG | AEL | HYD | PNE | MOO

Rising to your undersea challenges®

Innovative Engineered Solutions for Demanding Applications

For 40 years engineers, project managers and supply chain professionals have trusted our subsea buoyancy to rise to their challenges for projects from near surface to full ocean depth.

DeepWaterBuoyancy.com

+1.207.502.1400

DeepWater
BUOYANCY



MARKETS

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MINING

O&G
OIL & GAS

REN
RENEWABLES

SCI
SCIENCE

OPERATIONS

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FISHING /
AQUACULTURE

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YACHTS

TUG
TUGBOATS /
WORKBOATS

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FISHING

HEA
HEAVE
COMPENSATION

MOO
MOORING

RSH
RESEARCH

TOW
TOWING /
ESCORT

TRA
TRACTION WINCH

UMB
UMBILICAL



ON&T

AQUACULTURE/FISH | CABLES | ENVIRONMENTAL | MINING | OIL & GAS | SAFETY/RESCUE | SCIENCE | TRANSPORTATION | SPEC SHEET

BUOYS

AXYS TECHNOLOGIES INC.

WWW.AXYSTECHNOLOGIES.COM | Sales | info@axys.com



WATCHKEEPER BUOY

The AXYS WatchKeeper™ buoy is a 1.7m diameter polyethylene buoy designed for deployments in coastal areas, lakes, reservoirs and rivers. The WatchKeeper™ hull is internationally proven as an aid to navigation (AToN) and can be deployed in water depths from 20m to 500m.



ALL MKTS | MON | MOO | MIX



NOMAD BUOY

The AXYS NOMAD is a unique aluminum environmental monitoring buoy designed for deployments in extreme conditions. It has been operating in Canada's Weather Buoy network for over 25 years and commonly experiences winter storms and hurricanes with wave heights approaching 20m.



ALL MKTS | MON | MOO | MIX



HYDROLEVEL BUOY

The HydroLevel buoy accurately monitors water level elevation in any body of water. HydroLevel™ is a precision instrument incorporating the latest GNSS and motion sensing technologies, making it the leading solution for an accurate, easy to use, rugged product for the measurement of water elevation.



ALL MKTS | OCE | MIX



TRIAXYS MINI WAVE BUOY

The TRIAXYS™ Mini Directional Wave Buoy is a precision instrument incorporating advanced technologies that make it an easy to use, rugged, and economical buoy for accurate measurement of directional waves. This small (0.6m diameter) and lightweight (60kg) buoy is easily deployed by two people from virtually any size of vessel.



ALL MKTS | MON | MOO | MIX



TRIAXYS WITH CURRENTS BUOY

The TRIAXYS™ with Currents Buoy measures both directional waves and a 3D water column profile of ocean currents in real time. The buoy is based on the proven TRIAXYS™ Directional Wave buoy platform, but has been modified to allow the integration of a current profiler in a downward facing configuration.



ALL MKTS | MON | MOO | MIX



TRIAXYS DIRECTIONAL WAVE BUOY

The TRIAXYS™ Directional Wave Buoy is a precision instrument incorporating advanced technologies that make it an easy to use, reliable and rugged buoy for accurate measurement of directional waves.



ALL MKTS | BEA | SIG | MIX

MARKETS

AQU

AQUACULTURE/
FISH

CAB

CABLES

ENV

ENVIRONMENTAL

MIN

MINING

O&G

OIL & GAS

SAF

SAFETY/RESUCE

SCI

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OPERATIONS

BEA

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METAL

PLA

PLASTICS

RUB

RUBBER

MIX

MIXED MATERIALS

BUOYS

AXYS TECHNOLOGIES INC.

WWW.AXYSTECHNOLOGIES.COM

Sales | info@axys.com

MARKETS

AQU

AQUACULTURE/
FISH

CAB

CABLES

ENV

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MIXED MATERIALS



METRE BUOY

The AXYS 3 Metre buoy is a very capable and rugged metocean platform that can be configured with a wide range of sensors for monitoring meteorological, oceanographic and water quality parameters. The 3 Metre buoy's long term operational life and its substantial reserve capacity make it an excellent offshore metocean platform.



ALL MKTS | OCE | MIX

DEEPWATER BUOYANCY, INC.

WWW.DEEPWATERBUOYANCY.COM | Sales | davidcap@deepwb.com



SPHERICAL ADCP BUOYS

Manufactured from high-performance DeepTec® syntactic foam and fitted with 316L stainless steel and titanium hardware, spherical ADCP Buoys are designed to outperform and outlast conventional mooring flotation. Available with depth ratings from 200m to 6000m, they require minimal maintenance and are extremely durable under the most rigorous deepwater conditions.



ALL MKTS | BEA | MON | MOO | OCE | SIG
FOA | MIX



ELLIPTICAL ADCP BUOYS

These buoys have the same rugged design as the spherical ADCP buoys, but have an elliptical shape for higher current applications. Available with depth ratings from 200m to 6000m.



ALL MKTS | BEA | MON | MOO | OCE | SIG
FOA | MIX



STABLEMOORE MOORING BUOYS, MINIMOD SMALL MODULAR BUOYS

For a more extreme current application, turn to the StableMoor® line of buoys. These unique ADCP buoys are customized for your particular application. Accounting for depth, instrument types and current, this design will give you stable data in unstable waters.



ALL MKTS | BEA | MON | MOO | OCE | SIG
FOA | MIX



HYDRO-FLOAT MOORING BUOYS, MINIMOD SMALL MODULAR BUOYS

DeepWater Buoyancy's subsurface mooring buoys are more versatile and reliable than conventional hollow glass or metal floats. The buoys may be cast with through holes and instrumentation pockets on any axis without compromising their strength because of their solid construction. Clamps and mounting hardware can be added for any user-supplied instrumentation.



ALL MKTS | BEA | MON | MOO | OCE | SIG
FOA | MIX

BUOYS

JAMES FISHER AND SONS PLC / FENDERCARE MARINE

WWW.FENDERCARE.COM | Sales | sales@fendercare.com



MOORING BUOYS

Fendercare Marine supplies mooring buoys to suit a wide range of applications, offering enhanced protection and mooring performance for the commercial and leisure marine sectors.



O&G | SAF | SCI | TRA | BEA | MON |
MOO | OCE | SIG | MIX



NAVIGATION BUOYS

Fendercare Marine's navigation buoys are cost-effective, reliable and highly visible, offering long-term, dependable marks for a wide range of offshore applications.



O&G | SAF | SCI | TRA | BEA | MON |
MOO | OCE | SIG | MIX



OFFSHORE BUOYS

Fendercare Marine provides a wide range of offshore buoyancy solutions for applications in the demanding offshore environment.



O&G | SAF | SCI | TRA | BEA | MON |
MOO | OCE | SIG | MIX



SUB-SURFACE BUOYS

Fendercare Marine provides a wide range of sub-surface buoyancy solutions for its customer's applications.



O&G | SAF | SCI | TRA | BEA | MON |
MOO | OCE | SIG | MIX

S9 (SOUNDNINE)

WWW.SOUNDNINE.COM

Sales | info@sounchnine.com



ULTI-BUOY

In water quality monitoring applications or relaying data from bottom mounted instruments, Ulti-buoy solutions offer superior value.



ALL MKTS | MON | MIX

MARKETS

AQU

AQUACULTURE/
FISH

CAB

CABLES

ENV

ENVIRONMENTAL

MIN

MINING

O&G

OIL & GAS

SAF

SAFETY/RESUCE

SCI

SCIENCE

TRA

TRANSPORTATION

OPERATIONS

BEA

BEACON

LIF

LIFTING

MON

MONITORING
& TRACKING

MOO

MOORING

OCE

OCEANOGRAPHIC

RES

RESCUE

SIG

SIGNALING

WEA

WEATHER

TYPE

FOA

FOAM

MET

METAL

PLA

PLASTICS

RUB

RUBBER

MIX

MIXED MATERIALS

BUOYS

TRELLEBORG MARINE AND INFRASTRUCTURE

WWW.TRELLEBORG.COM | Sales | marine_infra@trelleborg.com

MARKETS

AQU

AQUACULTURE/
FISH

CAB

CABLES

ENV

ENVIRONMENTAL

MIN

MINING

O&G

OIL & GAS

SAF

SAFETY/RESUCE

SCI

SCIENCE

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TRANSPORTATION

OPERATIONS

BEA

BEACON

LIF

LIFTING

MON

MONITORING
& TRACKING

MOO

MOORING

OCE

OCEANOGRAPHIC

RES

RESCUE

SIG

SIGNALING

WEA

WEATHER

TYPE

FOA

FOAM

MET

METAL

PLA

PLASTICS

RUB

RUBBER

MIX

MIXED MATERIALS



GENERAL SURFACE BUOYS

Trelleborg's General Surface Support Buoys are manufactured from a polyethylene thermolaminated foam core, encapsulated within a self-coloured polyurethane outer skin. These buoys are used extensively in single point mooring (SPM) systems.



CAB | ENV | O&G | SAF | SCI | TRA
ALL OPS | FOA



MOORING BUOYS

Trelleborg Marine Systems provides Mooring Buoys that are resilient, easy to handle, self fendering and requires minimal maintenance. They are manufactured using resilient closed cell polyethylene foam which is thermo-laminated around a central tubular steel frame forming a flexible, impact resistant flotation core. The foam core is then coated in a high performance elastomer skin.



TRA | ALL OPS | FOA



OFFSHORE SUPPORT BUOYS (OCIMF HOSE FLOATS, REDUCERS & Y PIECES, TUBULAR FLOATS)

Trelleborg's range of Offshore Support Buoy products are resistant to marine growth, highly visible and easy to install. They include OCIMF Hose Floats, Reducers and Y Pieces and Tubular Floats.



CAB | ENV | O&G | SAF | SCI | TRA
BEA | LIF | MON | MOO | OCE | RES | SIG
FOA



BOOMS (SEABARRIER)

A floating barrier manufactured from Trelleborg's proven Foam Elastomer technology, provides a floating exclusion zone, or area on a fixed or temporary basis.



SAF | BEA | SIG | WEA | FOA



ANCHOR PENDANT BUOYS

(Donut Modular Anchor Pendant Buoys, Standard Modular Anchor Pendant Buoys, Suitcase Anchor Pendant Buoys) Trelleborg Marine Systems boasts a complete range of Anchor Handling Buoys designed and proven for use in extreme marine operating environments.



AQU | CAB | ENV | TRA | MOO | FOA

BUOYS

YSI INTEGRATED SYSTEMS & SERVICES

WWW.YSI.COM | Sales | systems@ysi.com



EMM150 INSHORE BUOY

Designed for quick deployment, the EMM150's light weight and compact size provides a secure monitoring solution to collect data in waters that were previously out of reach. The system can be lifted into place by two people, and installed without divers—reducing deployment and maintenance costs and allowing for complete serviceability from a small boat or watercraft.



ENV | SCI | MON | OCE | WEA | MIX



EMM2.0 COASTAL BUOY

The YSI EMM2.0 is one of the most versatile and reliable buoy solutions on the market. These buoys have been deployed with wet-chemistry nutrient and metal analyzers, current meters, water quality monitors, GPS, atmospheric sensors, wave sensors, hydrocarbon sensors, and more.



ENV | SCI | MON | OCE | WEA | MIX



EMM700 BAY BUOY

The EMM700 is a robust monitoring platform which supports water quality, water velocity, meteorological sensors, and computer logging systems on a single platform. The buoy has a central electronics housing, creating a low center of mass for the most stable platform. All internal electronics may be removed by disconnecting a single internal connector, an innovative solution pioneered by YSI.



ENV | SCI | MON | OCE | WEA | MIX



EMM25 BUOY

EMM25 - SONDE SPAR is a low cost, single person deployable buoy that accepts any YSI EXO, 6-series sonde or 3rd party device.



ALL MKTS | MON | OCE | WEA | MIX



EMM68 BUOY

A quickly deployable water monitoring platform with remote telemetry. Just two people needed to lift this buoy into place reducing deployment and maintenance costs. The entire system can be installed without divers, allowing for complete serviceability from a small boat or watercraft. A buoy that is secure and difficult to steal or vandalize.



ENV | SCI | MON | OCE | WEA | MIX



BUOY VERTICAL PROFILING SYSTEM

The 6952 Buoy Vertical Profiling System offers user-programmable sample intervals, redundant error recovery logic that detects unexpected activity and recovers automatically, and is compatible with all YSI EXO or 6-Series sondes equipped with depth. The profiler systems provide reliable, fully-automated data collection.



ENV | SCI | MON | OCE | WEA | MIX

MARKETS

AQU

AQUACULTURE/
FISH

CAB

CABLES

ENV

ENVIRONMENTAL

MIN

MINING

O&G

OIL & GAS

SAF

SAFETY/RESCUE

SCI

SCIENCE

TRA

TRANSPORTATION

OPERATIONS

BEA

BEACON

LIF

LIFTING

MON

MONITORING
& TRACKING

MOO

MOORING

OCE

OCEANOGRAPHIC

RES

RESCUE

SIG

SIGNALING

WEA

WEATHER

TYPE

FOA

FOAM

MET

METAL

PLA

PLASTICS

RUB

RUBBER

MIX

MIXED MATERIALS



CRANES

UPPER
DECK 2019



ON&T

DEFENSE | ENVIRONMENTAL | MINING | OIL & GAS | RENEWABLES | SCIENCE | TRANSPORTATION | SPEC SHEET

CRANES

ACEBI

WWW.ACEBI.COM | Sales | acebi@acebi.com



LUFFING CRANE USING A HYDRAULIC JACK

A simple, reliable and compact crane with variable outreach and a full set of safety features. Our versatile design can meet all cargo handling demands. All combinations of SWL and Rmax are available, up to 200 tonnes x meter.



ALL MKTS | PLA | VES



TELESCOPIC LUFFING CRANE

A short stowage length is available in case of limited space. Double/triple telescopic versions can offer extremely short jibs. Maximal outreach can be a combination of luffing and telescope. Rmax and SWL to meet customer requirements and needs.



ALL MKTS | PLA | VES | TEL



LUFFING CRANE BY WIRE

ACEBI's Luffing Cranes are ideal for container and bulk carriers. Cranes are supplied with ergonomically designed and well-insulated operator's cabins.



ALL MKTS | PLA | VES



FIXED ARM CRANE

ACEBI has been supplying Fixed Arm Cranes for many years now; these are available up to 10t t-trend capacity, and up to a 15 m radius. Their design is compact, reliable and efficient - and their maintenance cost is low. The pneumatic model is specifically designed for hazardous areas like offshore installations.



ALL MKTS | PLA | VES | TEL | FIX

ALLIED MARINE CRANE

WWW.ALLIEDSYSTEMS.COM

Sales | cranes@alliedsystems.com



STANDARD DOUBLE-TAPERED BOOM

The Double Taper Boom crane features a fixed length, sealed box section boom for a strong, lightweight, economical crane.



ALL MKTS | ALL OPS

MARKETS

DEFENSE

ENVIRONMENTAL

MINING

O&G

OIL & GAS

REN

RENEWABLES

SCI

SCIENCE

TRA

TRANSPORTATION

OPERATIONS

FLO

FLOATING DOCKS

MAR

MARINAS

PLA

PLATFORMS

POR

PORTS

SHP

SHIPYARDS

VES

VESSELS

TYPE

ART

ARTICULATED

BOOM

FIX

FIXED BOOM

KNU

KNUCKLEBOOM

GAN

GANTRY

HEA

HEAVE

COMPENSATION

HVY

HEAVY LOADS

TEL

TELESCOPING



STANDARD TELESCOPIC BOOM

The perfect solution for applications that require reach and compact storage, the Telescopic Boom crane is available with two to four box boom sections.



ALL MKTS | ALL OPS | TEL

CRANES

ALLIED MARINE CRANE

WWW.ALLIEDSYSTEMS.COM | Sales | cranes@alliedsystems.com

MARKETS

DEF
DEFENSE

ENV
ENVIRONMENTAL

MIN
MINING

O&G
OIL & GAS

REN
RENEWABLES

SCI
SCIENCE

TRA
TRANSPORTATION

OPERATIONS

FLO
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MARINAS

PLA
PLATFORMS

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SHP
SHIPYARDS

VES
VESSELS

TYPE

ART
ARTICULATED BOOM

FIX
FIXED BOOM

KNU
KNUCKLEBOOM

GAN
GANTRY

HEA
HEAVE COMPENSATION

HVY
HEAVY LOADS

TEL
TELESCOPING



STANDARD KNUCKLEBOOM

Save space and still handle the most challenging jobs with the Knuckleboom crane. Flexible enough to maneuver into hard-to-reach locations, the Knuckleboom crane is perfect for cargo applications and locations with difficult access from overhead.



ALL MKTS | ALL OPS | ART

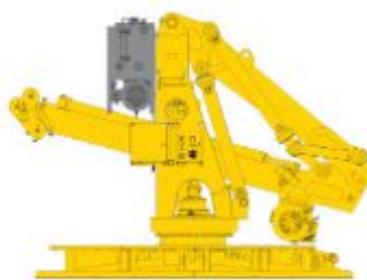


STANDARD TELESCOPIC KNUCKLEBOOM

The Telescopic Knuckleboom crane combines the advantages of the Knuckleboom and Telescopic Boom cranes. Extend your reach and get into tight areas with the Telescopic Knuckleboom design.



ALL MKTS | ALL OPS | KNU



SPECIALIZED PORTABLE

A space-saving Knuckleboom crane designed for practicality and efficiency, the portable crane can be moved around deck to handle the widest variety of applications.



ALL MKTS | ALL OPS | KNU



SPECIALIZED MOBILE

Perfect for working on multiple job sites, and built to take the punishment, this land-based crane is made to be mounted on mobile equipment. We work with you to create a crane package to match your requirements.



ALL MKTS | ALL OPS



SPECIALIZED CUSTOM

Allied understands the requirements for working in tough environments, marine or mobile. If a standard model doesn't fit your application, Allied will design and manufacture a custom crane solution, configured to meet your needs with options to suit the application.



ALL MKTS | ALL OPS

APPLETON MARINE, INC.

WWW.APPLETONMARINE.COM

Sales | sales@appletonmarine.com



CRANE PRODUCT LINE

Appleton Marine is a marine crane manufacturer specializing in marine crane service and repair. We can build any custom crane or specialty crane, including knuckle boom cranes, pedestal cranes, offshore pedestal cranes, marine deck cranes, folding boom cranes, telescoping boom cranes, and straight (box) boom cranes.



DEF | ENV | MIN | O&G | REN | TRA
ALL OPS | KNU | TEL | FIX

CRANES

CIMOLAI TECHNOLOGY SPA

WWW.CIMOLAITECHNOLOGY.COM | Sales | info@cimolaitotechnology.com



DERRICK CRANE FOR OFFSHORE SERVICE – DRC 200

Derrick crane mounted on a barge for maritime and offshore operations.
The crane is certified by RINA.



ALL MKTS | ALL OPS



RAIL-MOUNTED GANTRY CRANE – RGC 90

Rail-mounted gantry crane (n. 4 units) for service on floating platform.



ALL MKTS | ALL OPS



SHIP TO SHORE CRANE – RGC 100

Revamping of a ship-to-shore crane.



ALL MKTS | ALL OPS



RAIL-MOUNTED BOOM CRANE – RBC 20

Portal rail boom crane (no. 2 units) equipped with main winch with a lifting capacity of 20t and auxiliary winch with a lifting capacity of 5t, in service at Arsenale in Venice.



ALL MKTS | ALL OPS

COONEY MARINE

WWW.COONEYMARINE.CO.UK

Sales | sales@cooneymarine.co.uk



DECK CRANES



ALL MKTS | FLO | PLA | VES

MARKETS

DEF
DEFENSE

ENV
ENVIRONMENTAL

MIN
MINING

O&G
OIL & GAS

REN
RENEWABLES

SCI
SCIENCE

TRA
TRANSPORTATION

OPERATIONS

FLO
FLOATING DOCKS

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MARINAS

PLA
PLATFORMS

POR
PORTS

SHP
SHIPYARDS

VES
VESSELS

TYPE

ART
ARTICULATED
BOOM

FIX
FIXED BOOM

KNU
KNUCKLEBOOM

GAN
GANTRY

HEA
HEAVE
COMPENSATION

HVY
HEAVY LOADS

TEL
TELESCOPING



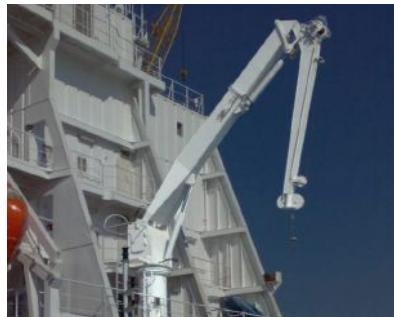
LOCKER CRANES



ALL MKTS | FLO | PLA | VES

D-I DAVIT INTERNATIONAL-HISCHE GMBH

WWW.EN.DI-HISCHE.DE | Sales | info@di-hische.de



SLEWING: C-S, C-SH, C-SE, & C-FS

C-S - crane for store/provision handling. Slewing type crane with fixed or variable radius; C-SH - crane for hose handling or for store/provision. Slewing type crane with luffing boom for variable radius; C-SE - crane for store/provision handling with electric drive. Slewing type crane with fixed or variable radius; C-FS - crane for store handling and free-fall lifeboat. Slewing type crane with luffing boom for variable radius.



DEF | ENV | MIN | O&G | REN | TRA | FLO
PLA | VES

KNUCKLE BOOM: C-SH.K.240 & C-SH.K.10

Our knuckle boom cranes offer the combination of massive SWL performance for harbour heaves, and wave compensation supported jobs of less SWL at sea including man-ride; C-SH.K.10 - knuckle boom crane for store handling.



DEF | ENV | MIN | O&G | REN | TRA | FLO
PLA | VES

GANTRY: C-GEB.50 & C-GEB.60

C-GEB - gantry crane for store/provision handling; C-GEB - gantry crane for store/provision handling. A traveller unit with hook device and electric drive runs on a monorail, which is fixed to the ship structure.



DEF | ENV | MIN | O&G | REN | TRA | FLO
PLA | VES

DYNACON INC. (FORUM)

WWW.F-E-T.COM | Sales | dynacon.sales@f-e-t.com



CTD MOTION COMPENSATED CRANES MODEL 1075

- 3,400 kg safe working load
- +/- 1.25 meters of vertical compensation range
- 5 meters overboard reach



O&G | FLO | MAR | PLA | POR | VES | HEA

CTD MOTION COMPENSATED CRANES MODEL 630

- 1,800 kg safe working load
- +/- 1.25 meters of vertical compensation range
- 7.0 meters overboard reach



O&G | FLO | MAR | PLA | POR | VES | HEA

CRANES

GLOBAL DAVIT GMBH

WWW.GLOBAL-DAVIT.DE | Volker Malowitz | v.malowitz@global-davit.de



LIFERAFT HANDLING

The group name of Lms.-type liferaft cranes represents the simplest execution of slewing cranes for liferafts available: with manually driven slewing features. The systems are in full accordance with the present SOLAS-rules and are MED-certified.



DEF | ENV | MIN | O&G | REN | TRA | FLO
PLA | VES



SLEWING LIFE BOAT

The group name of Fhs.-type free-fall lifeboat handling cranes represents the various executions of slewing cranes for free-fall lifeboat handling and optionally combined executions with additional rescue boat/raft and/or stores handling functions, with hydraulic powered driven slewing gears.



DEF | ENV | MIN | O&G | REN | TRA | FLO
PLA | VES



SLEWING RESCUE BOAT

The group name of Rms.-type rescue boat davits represents the simplest executions of slewing cranes for rescue boats available; with manually driven slewing features. This execution of cranes needs the permission of the flag state of the vessel. Except of the manual slewing gear these cranes are according to the latest SOLAS regulations.



DEF | ENV | MIN | O&G | REN | TRA | FLO
PLA | VES

HAWBOLDT

WWW.HAWBOLDTIND.COM

Dylan Wells | dylan.wells@hawboldt.ca



FIXED BOOM MARINE CRANE

Hawboldt fixed boom marine cranes are available with electric, diesel, and other power unit options, and with a complete range of control units and control stations. All units are certified to ABS, DNV, Lloyds, and ZC. Offshore, onshore, and shipboard ratings are available.



O&G | REN | TRA | VES | HVY



STORES HANDLING

The section of slewing cranes for stores handling is splitted into two main groups; the cranes with manually driven slewing features and the cranes with electric or hydraulic powered driven slewing gears.



DEF | ENV | MIN | O&G | REN | TRA | FLO
PLA | VES



TELESCOPIC BOOM MARINE CRANE

Hawboldt designs and manufactures telescopic boom cranes equipped with a complete range of control units and control stations. We qualify all units to ABS, DNV, Lloyds, and ZC with rating for offshore, onshore, and shipboard application. Your telescopic crane may be powered with electric, diesel, or other power unit options.



O&G | REN | TRA | VES | HVY

MARKETS

DEF
DEFENSE

ENV
ENVIRONMENTAL

MIN
MINING

O&G
OIL & GAS

REN
RENEWABLES

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SCIENCE

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TRANSPORTATION

OPERATIONS

FLO
FLOATING DOCKS

MAR
MARINAS

PLA
PLATFORMS

POR
PORTS

SHP
SHIPYARDS

VES
VESSELS

TYPE

ART
ARTICULATED
BOOM

FIX
FIXED BOOM

KNU
KNUCKLEBOOM

GAN
GANTRY

HEA
HEAVE
COMPENSATION

HVY
HEAVY LOADS

TEL
TELESCOPING

CRANES

HAWBOLDT

WWW.HAWBOLDTIND.COM

Dylan Wells | dylan.wells@hawboldt.ca



KNUCKLE BOOM MARINE CRANE

Hawboldt knuckle boom cranes are equipped with your choice of fixed and portable controls and control mounts as well as optional safety alerts and indicators. Your telescopic crane may be powered with electric, diesel, or other power units. All Hawboldt cranes are certified to ABS, DNV, Lloyds, and ZC standards and may be rated for offshore, onshore, and shipboard application.



O&G | REN | TRA | VES | HVY

MARKETS

DEF
DEFENSE

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ENVIRONMENTAL

MIN
MINING

O&G
OIL & GAS

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RENEWABLES

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ARTICULATED
BOOM

FIX
FIXED BOOM

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KNUCKLEBOOM

GAN
GANTRY

HEA
HEAVE
COMPENSATION

HVY
HEAVY LOADS

TEL
TELESCOPING

HEILA CRANES

WWW.HEILA.COM | Sales | info@heila.com



STIFF BOOM CRANES

Stiff boom cranes are most suitable for general cargo handling and for service on board ships and offshore units where there is ample deck space. These cranes are equipped with a winch for lifting and cannot be hydraulically extended and retracted, and they lack a knuckle function.



ALL MKTS | FLO | PLA | VES | FIX | HEA



TELESCOPIC BOOM CRANES

Different boom positions make this a flexible and compact solution to work with. Simple design simplifies the maintenance. Two types are available: smaller models with slewing cylinders (HM type) and larger models with slewing rings (HMR type).



ALL MKTS | FLO | PLA | VES | ART | TEL



KNUCKLE BOOM CRANES

Knuckle boom cranes are suitable to operate at close distances. This model combines force and strength, with a flexible outreach, easy to handle.



ALL MKTS | FLO | PLA | VES | KNU | HVY



FULLY FOLDABLE TELESCOPIC CRANE

These cranes are suitable when the deck space is limited. Their design combines maximum performances with flexible working operations. These cranes are handy and allow comfortable working operations in all operative conditions.



ALL MKTS | FLO | PLA | VES | ART

CRANES

HEILA CRANES

WWW.HEILA.COM | Sales | info@heila.com



OFFSHORE CRANES & AHC

Offshore Cranes are custom-made, designed according to customer requirements in order to withstand the risks that potentially face offshore handling equipment.



ALL MKTS | FLO | PLA | VES



LATTICE BOOM CRANES

For use on fixed installations, FPSO's and drilling rigs. With a lifting capacity of 5.5 tons at 30 m up to 16 tons at 6 m, the crane is designed according to EN 13852-1 and the latest offshore rules and regulations. The Heila luffing lattice boom crane is equipped with a diesel hydraulic power pack designed to supply power for simultaneous crane movements at full load/speed and reduced speed. Equipped with manual and automatic overload protection (MOPS and AOPS).



ALL MKTS | FLO | PLA | VES



TRUCK MOUNTED SPECIALIZED MATERIAL HANDLING CRANES

For over 40 years, Heila has produced specialized truck-mounted folding cranes and articulating material handlers. These cranes are targeted at precast and concrete product producers, foundation contractors and roofing / drywall / building supply companies.



ALL MKTS | FLO | PLA | VES

HUISMAN EQUIPMENT

WWW.HUISMANEQUIPMENT.COM | Sales | info@huisman-us.com



OFFSHORE MAST CRANES

Huisman's Offshore Mast Crane (OMC) is a compact design heavy lift crane using state-of-the-art technology, resulting in a lifting capacity up to 8,000mt. The OMC is designed for the use on offshore construction vessels or semi-submersibles.



O&G | REN | TRA | FLO | PLA | VES



SUBSEA CRANES

In order to provide reliable solutions for subsea installation in increasingly deeper water and severe weather conditions, Huisman has developed a full range of Subsea Cranes.



MIN | O&G | REN | FLO | PLA | VES

MARKETS

DEF
DEFENSE

ENV
ENVIRONMENTAL

MIN
MINING

O&G
OIL & GAS

REN
RENEWABLES

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TRANSPORTATION

OPERATIONS

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FLOATING DOCKS

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PLATFORMS

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SHIPYARDS

VES
VESSELS

TYPE

ART
ARTICULATED BOOM

FIX
FIXED BOOM

KNU
KNUCKLEBOOM

GAN
GANTRY

HEA
HEAVE COMPENSATION

HVY
HEAVY LOADS

TEL
TELESCOPING

CRANES

HUISMAN EQUIPMENT

WWW.HUISMANEQUIPMENT.COM

Sales | info@huisman-us.com



OFFSHORE WIND CRANES

Building on the successful operation of the existing Huisman cranes for the installation of Offshore Wind Turbines, Huisman has introduced a range of cranes tailored to Wind Turbine Installation.



REN | FLO | PLA | VES

MARKETS

DEF
DEFENSE

ENV
ENVIRONMENTAL

MIN
MINING

O&G
OIL & GAS

REN
RENEWABLES

SCI
SCIENCE

TRA
TRANSPORTATION

OPERATIONS

FLO
FLOATING DOCKS

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PLATFORMS

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SHIPYARDS

VES
VESSELS

TYPE

ART
ARTICULATED
BOOM

FIX
FIXED BOOM

KNU
KNUCKLEBOOM

GAN
GANTRY

HEA
HEAVE
COMPENSATION

HVY
HEAVY LOADS

TEL
TELESCOPING



FLOATING CRANES

The design and built of Floating Sheerleg Cranes is part of Huisman's expertise since 1981. Since that first success, several sheerleg orders have been awarded to our company and capacities run up to 4,000mt.



O&G | REN | FLO | PLA | VES

INDUSTRIAS FERRIS, S.A.

WWW.FERRI-SA.ES | Sales | sales@ferris-sa.es



OFFSHORE CRANE

FUNCTION: Articulated electro-hydraulic crane for offshore up to 10m operations. Handling containers up to 20t in port, and maneuvering equipment up to 10m in offshore conditions.

CONTRIBUTION: Equipment designed and adapted for offshore operational conditions with highly sensitive oceanographic research equipment, with precision operability. Down to 500 depth.



ALL MKTS | VES | ART | HEA



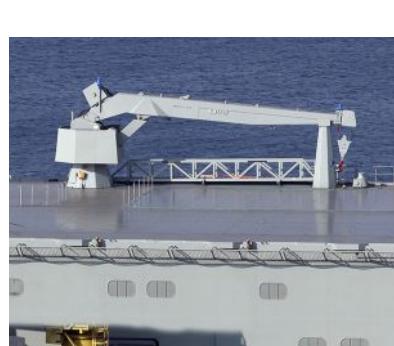
OFFSHORE AND SHIPBOARD CRANE

FUNCTION: Shipboard articulated electro-hydraulic crane. Unit designed for handling of loads in in-port conditions.

CONTRIBUTION: Optimization of the work load/weight ratio, and the simplification of the equipment ease of maintenance and greater reliability. Certified type 3.2 by LRS Lifting appliance Code.



ALL MKTS | VES | ART | HVY



OFFSHORE CRANE 2

FUNCTION: Fixed electro-hydraulic crane for offshore operations. Crane for handling containers in port and for helicopter recovery.

CONTRIBUTION: Specially designed equipment for the recovery of helicopters up to 12t from the water. Structure and careening invisible to radar. Certified AL(N) by LRS Lifting appliance Code.



ALL MKTS | FIX | HVY



OFFSHORE CRANE 3

FUNCTION: Articulated electro-hydraulic crane for handling of supplies and rescue craft in offshore conditions.

CONTRIBUTION: Dimensional, important aesthetic factors, and material integration into a sailing boat.



ALL MKTS | ART

CRANES

INDUSTRIAS FERRIS, S.A.

WWW.FERRI-SA.ES | Sales | sales@ferri-sa.es



OFFSHORE CRANE 4

FUNCTION: Design, manufacture and testing according to NATO standards.

CONTRIBUTION: Highly elastic boom material to minimize weight and geometry. Specially adapted to handle helicopters.



ALL MKTS | VES | ELA



FOLDING CRANES

FUNCTION: Foldable-transportable electro-hydraulic crane. Handling of supplies and landing stages.

CONTRIBUTION: Forklift transportable crane for helicopter deck service. The crane can be assembled/dismantled in less than 15 minutes, and stored in ship's hold. Certified by Bureau Veritas A.L.P. "Rules for the classification and certification of lifting appliances of ships and of shore units."



ALL MKTS | VES | TEL



OFFSHORE SOLAS CRANE

FUNCTION: Fixed electro-hydraulic crane for offshore operations. Crane for handling containers in port and for helicopter recovery.

CONTRIBUTION: Specially designed equipment for the recovery of helicopters up to 12t from the water. Structure and careening invisible to radar. Certified AL(N) by LRS Lifting appliance Code.



ALL MKTS | VES | FIX



CRANES FOR GAS, LNG OR REGASIFICATION TERMINALS

FUNCTION: Fixed electro-hydraulic crane for extraction of natural gas pumps and supplies.

CONTRIBUTION: Specialized equipment for maintenance pumps in natural gas tanks. The crane is designed to withstand high winds and seismic activity. EC mark. Explosive atmosphere resistant.



ALL MKTS | VES | FIX

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KONECRANES

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BLOCK HANDLING CRANES

Konecranes supplies block handling cranes of bridge, semi-gantry and gantry design. These cranes are built for reliability and accuracy, and designed to fit into your shipbuilding process.



O&G | TRA | FLO | SHP



GOLIATH GANTRY CRANES

One of the most important variables in the productivity of a shipyard is the size and completeness of the blocks that make up the hull. When a big hull block needs lifting, it's time for the Goliath Gantry Crane to take over.



O&G | TRA | FLO | SHP



PLATE HANDLING CRANES

We tailor our Plate Handling Cranes to your shipyard for maximum efficiency and safety. We can also provide a fully automated plate warehousing solution.



O&G | TRA | FLO | SHP



FLOATING DOCK CRANES

Konecranes Floating Dock Cranes are a special type of single boom crane for floating dock launches and repairs. They are capable of lifting up to 50 tons and come with an outreach of up to 40 meters.



O&G | TRA | FLO | SHP



SINGLE BOOM SHIPYARD CRANES

Konecranes Single Boom Shipyard Cranes are the right choice for general ship outfitting. They can be used in small and large shipbuilding and repair. With the latest design enhancements from Konecranes, they can be made rigid for heavier loads.



O&G | TRA | FLO | SHP



DOUBLE BOOM SHIPYARD CRANES

Konecranes Double Boom Shipyard Cranes are heavy-duty cranes used in shipyards worldwide. They are very rigid for accurate load handling.



O&G | TRA | FLO | SHP

CRANES

KONGSBERG

WWW.KONGSBERG.COM | Bård Bjørlew | km.office@kongsberg.com



ANCHOR HANDLING CRANES

Movable anchor handling cranes on the cargo rails make deck operations more efficient and safe. Fitted with manipulators they enable operations such as shackling of wires and chains to be carried out with less manual work. They increase the safety and efficiency on board because the deck crew have crane assistance during heavy and potential dangerous operations on deck.



ALL MKTS | FLO | PLA | VES



DECK CRANES

Cargo rail cranes have been developed to improve safety on deck, where the crew have to handle heavy moorings and deck cargo at sea. Rail cranes equipped with various manipulators are an integral part of this, enabling the crew to conduct operations on any part of the working deck by remote control from a safe location. Working on the deck of an anchor-handler poses a risk to life and limb.



ALL MKTS | FLO | PLA | VES



SUBSEA CRANES

Cargo rail cranes have been developed to improve safety on deck, where the crew have to handle heavy moorings and deck cargo at sea. Rail cranes equipped with various manipulators are an integral part of this, enabling the crew to conduct operations on any part of the working deck by remote control from a safe location. Working on the deck of an anchor-handler poses a risk to life and limb.



ALL MKTS | FLO | PLA | VES | KNU

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LHC SERIES

Can be used as a durable store crane on ships or a fixed quay. This type of crane is built on behalf of the shipyard or directly for the end user. Each crane is calculated and designed for heavy usage. This series of cranes can be equipped with the option "electrical control (ATEX)" if you need an explosion-proof crane.



O&G | TRA | VES | FIX

LHC HEAVY LIFT SERIES

Can be used as a durable store crane on ships or a fixed quay. This type of crane is built on behalf of the shipyard or directly for the end user. Each crane is calculated and designed for heavy usage. This series of cranes can be equipped with the option "electrical control (ATEX)" if you need an explosion-proof crane.



O&G | TRA | POR | SHP | HVY

LKB SERIES

This series of store cranes has been developed for maximum flexibility in all environmental and weather conditions. The "hydraulic knuckle" boom is perfect for carrying out high precision operations close to a ship or offshore platform. This type of crane can be used in extreme tropical and cold environments, and can be equipped with the option "electrical control (ATEX)" if you need an explosion-proof crane.



O&G | TRA | FLO | SHP

LAGENDIJK EQUIPMENT

WWW.LAGENDIJKEQUIPMENT.COM | Sales | sales@coops-nieborg.nl



LOHC SERIES

The LOHC cargo series has been developed for intensive use and the rapid transfer of heavy loads. This model is perfect for installation on ships or offshore platforms. The control cab is positioned above the slewing ring for maximum visibility. The lifting speed varies from 10 to 25 m/min and the crane can be used in extreme tropical and cold environments.



O&G | TRA | POR | SHP | HVY



LWC HEAVY LIFT SERIES

The LWC series is a heavy-duty cargo handling crane that is suitable for mounting in various offshore environments.



OG | TRA | POR | SHP | HVY

LOYD SHIPYARD

WWW.LOYD SHIPYARD.COM

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LOYD SHIPYARD CRANE MODELS



ALL MKTS | KNU

LIEBHERR-INTERNATIONAL DEUTSCHLAND

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ROPE-TIPPED ON-BOARD CRANES

From compact and manoeuvrable on-board cranes to heavy-duty cranes with a payload of up to 1250 tonnes, Liebherr's rope-tipped crane range covers the entire range of deck crane applications.



O&G | REN | TRA | PLA | VES

CYLINDER-TIPPED ON-BOARD CRANES

The Liebherr CBW series includes cylinder-tipped manoeuvrable on-board cranes, which are particularly suitable for handling on container ships. The compact design makes it flexible, fast and also very space-saving.



O&G | REN | TRA | PLA | VES

SPECIAL DESIGN CRANES

With in-depth know-how in the design and manufacture of ship, deck and on-board cranes Liebherr is able to meet special customer requirements. We develop tailor-made crane installations in direct dialogue that are adapted to the customer's individual requirement profile.



ALL MKTS | PLA | VES

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Photo credit: Signet Maritime, ASD Tug Signet Constellation
Under Command of Captain Michael Tringali, Markey DESF-48-200HP Escort Winch



ABOUT US

Winch & Deck Machinery Industry Leaders

Founded in 1907, Markey Machinery Co. has focused on supplying high performance, custom deck machinery. At our Seattle, Washington, USA factory, we conceptualize, design, and manufacture machinery of unsurpassed quality.

Leverage our experience, reliability, and superior support to make your next project a success. With our industry leading technology, such as Markey Render / Recover® controls - no brand has the reliability of Markey.

Escort & Ship Assist Winches

Towing Winches

Traction Winch Systems

Mobile Spooling Gear

Capstans – Windlasses

Research Winches

Controls & Instrumentation

Engineering Services

INTRODUCING



SENTINEL

Maritime Safeguard & Inspection

Markey Machinery's advanced service program ensures your deck equipment is always mission ready!

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SURVEY



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STIFF BOOM CRANE SL SERIES

MELCAL SL series, stiff box boom pedestal cranes, allow for precise lifting operations and are reliable and safe to use. Our SL stiff boom series is designed for general cargo handling, service and offshore applications. Our installed base can be found onboard a wide variety of vessel types and offshore units.



ALL MKTS | FLO | PLA | POR | SHP | FIX



TELESCOPIC BOOM CRANE

TL SERIES

MELCAL TL series, telescopic box boom pedestal cranes, combine a durable, low maintenance and space-saving design with maximum operational availability. The TL telescopic crane series is used for general cargo handling, onboard and ship-to-ship operation and are considered a valuable asset for many other offshore applications.



ALL MKTS | FLO | PLA | POR | SHP | FIX | TEL



KNUCKLE BOOM CRANE JL SERIES

MELCAL JL series, knuckle boom pedestal cranes, offer excellent operational performance and safety features that your operators can rely on. The well-conceived design, superior components and excellent build quality of our JL knuckle boom cranes facilitates straightforward serviceability to help our clients maintain the highest operational safety levels.



ALL MKTS | FLO | PLA | POR | SHP | KNU | TEL



KNUCKLE TELESCOPIC BOOM CRANE FL SERIES

MELCAL FL series, foldable knuckle telescopic boom pedestal cranes combine superior quality components and safety features with excellent build quality and straightforward serviceability, our foldable knuckle boom cranes are designed for general cargo handling and suitable for common marine and offshore applications.



ALL MKTS | FLO | PLA | POR | SHP | KNU



KNUCKLE TELESCOPIC BOOM CRANE KL SERIES

MELCAL KL series, telescopic knuckle boom pedestal cranes, are specifically designed for heavy duty lifting applications in the marine and offshore industry. The KL Series also features superior quality components, excellent build quality, stringent safety levels and straightforward serviceability.



ALL MKTS | FLO | PLA | POR | SHP | KNU



KNUCKLE TELESCOPIC BOOM CRANE JLT SERIES

The MELCAL JLT Series, knuckle telescopic boom cranes, combine excellent operational performance and safety features with an impressive outreach. The well-conceived design, superior components and excellent build quality of our JLT telescopic knuckle boom cranes facilitates straightforward serviceability to help our clients maintain the highest operational safety levels.

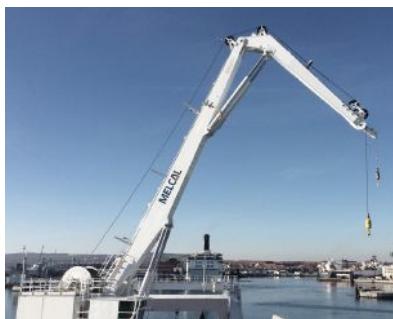


ALL MKTS | FLO | PLA | POR | SHP | KNU

CRANES

MELCAL

WWW.MELCAL.COM | Sales | sales@melcal.com



SUBSEA CRANES AHC SERIES

MELCAL AHC series, active heave compensated cranes, are designed for safe and precise handling of subsea, and ship-to-ship lifts. The primary and secondary controlled active heave compensation systems supplied by MELCAL allow for fast and smooth lifts and landings, and a low power consumption.



ALL MKTS | FLO | PLA | POR | SHP | HEA



CHERRY PICKER CRANE MCP SERIES

MELCAL MCP series, cherry pickers and general cargo handling cranes, allow for maintenance and inspection operations in hard to reach areas, including stabbing operations on offshore rigs. MELCAL MCP cherry pickers can be installed near moon-pools, on derrick and skidding systems.



ALL MKTS | FLO | PLA | POR | SHP



PIPE HANDLING CRANE MPH SERIES

MELCAL MPH series, pipe handling cranes, are designed specifically for the controlled transfer of tubular cargo. MELCAL MPH pipe handling cranes are installed to lift tubular cargo on catwalks, conveyors and offshore units.



ALL MKTS | FLO | PLA | POR | SHP | VES

NAUTICAL STRUCTURES

WWW.NAUTICAL-STRUCTURES.COM | Sales | info@nautical-structures.com



MINI CRANE

Nautical Structures' Mini-Crane Davit System feature the most recent advances in small davit technology in a davit system produced for over fifteen years. Proven to be the best selling and most reliable small-davit available today.



ALL MKTS | FLO | PLA | POR | SHP | VES
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TELESCOPIC MINI CRANE

Nautical Structures' Mini-Crane Davit System feature the most recent advances in small davit technology in a davit system produced for over fifteen years. Proven to be the best selling and most reliable small-davit available today.



ALL MKTS | FLO | PLA | POR | SHP | VES | TEL



HYDRAULIC MINI CRANE (HMC) FIXED BOOM

The HMC davit system is an example of exceptional design for the modern yacht. Its primary material of construction is aluminum alloy, including aluminum hydraulic cylinders, which make the system light and resistant to corrosion. It was designed to look appropriate on the bow of a modern sportfish yacht, or pedestal mounted on the foredeck of a large motoryacht.



ALL MKTS | FLO | PLA | POR | SHP | VES | FIX

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HYDRAULIC TELESCOPIC MINI CRANE

The HMC (Hydraulic Mini-Crane) davit system is an example of exceptional design for the modern yacht. Its primary material of construction is aluminum alloy, including aluminum hydraulic cylinders, which make the system light and resistant to corrosion. The HMC Davit was designed to look appropriate on the bow of a modern sportfish yacht, or pedestal mounted on the foredeck of a large motoryacht.



ALL MKTS | FLO | PLA | POR | SHP | VES | TEL



VARIOUS CRANES

Aesthetically pleasing design. Available in lifting capacities of up to twenty-thousand pounds, and in working boom lengths starting at thirteen-feet. Available special-ordered built to MCA Mega Yacht Code compliance.



ALL MKTS | FLO | PLA | POR | SHP | VES | TEL | KNU | FIX

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NORTH PACIFIC CRANE COMPANY

WWW.NORTHPACIFICCRANE.COM

Sales | sales@northpacificcrane.com



NORTH PACIFIC CRANES

North Pacific Crane manufactures a full line of quality marine cranes, including offshore and shipboard cranes. We also manufacture dock cranes for fixed onshore platforms. Our standard models include fixed boom, telescopic boom, knuckle boom, and knuckle-telescopic cranes for use in various marine industries.



O&G | REN | TRA | FLO | PLA | VES | FIX
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SAAB SEAeye

WWW.SaabSeaeye.com

Chris Roper | chris.roper@saabgroup.com



CRANE LARS

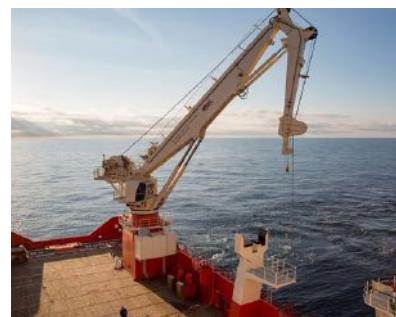
When deck space is limited, Saab Seaeye offers a crane-based LARS for the deployment of ROVs. The crane-based LARS incorporates a skid-mounted integrated winch, a power pack, and a marine crane. For transportation and shipping, the Articulated Crane folds and is locked in the stow position.



ALL MKTS | VES | ART

SMST DESIGNERS & CONSTRUCTORS BV

WWW.SMSTEQUIPMENT.COM | Sales | aftersales@smst.nl



KNUCKLE BOOM CRANES

The Knuckle Boom Crane can be used for handling, lifting and lowering equipment on seagoing vessels. The crane is made of standard components which can be combined into a crane fit for each specific task.



O&G | REN | TRA | HVY | KNU

3D MOTION COMPENSATED CRANES

Our Motion Compensated Crane ensures the safe and efficient transfer of equipment to an offshore structure and is the perfect solution for Service Operation Vessels and Walk-to-Work Vessels. The main application of the crane is to move tools, small generators, spare parts and containers to offshore wind turbines and substations.



O&G | REN | TRA | HVY

CRANES

TTS GROUP ASA

WWW.TTSGROUP.COM | Carl Herland | sales.ibno@ttsgroup.com



AHC CRANES

TTS offers a complete range of active heave compensated offshore cranes. All our cranes are tailor made to meet our customers requirements and can be delivered in several configurations. With large customer base operating in the harsh environment of the North Sea, TTS has developed products known for their rugged construction, with functionality and safety as key design factors



ALL MKTS | VES | HEA | HVY



LEG-ENCERCLING

TTS NMF delivers a wide range of leg-encircling cranes (LEC), which can be used for heavy lifting tasks during installation, construction, commissioning and decommissioning operations. Like all TTS NMF cranes, this type of offshore crane has an unlimited slewing range of 360° and is outfitted with a roller slew bearing.



ALL MKTS | VES | HEA | HVY



PEDESTAL MOUNTED

TTS offshore cranes are designed and built for long-term endurance. They undergo rigorous fatigue testing in order to withstand harsh and heavy-duty applications. They also comply with international standards and are certified by established classification societies such as DNV GL, ABS and LR.



ALL MKTS | VES | HEA | HVY



CLOSED HOUSING

Based on the unique track record of DK cranes, TTS developed the next generation of closed housing offshore cranes type DKO. The machinery and equipment is mounted inside the crane housing and protected against the maritime atmosphere.



ALL MKTS | VES | HEA | HVY

YMV CRANE AND WINCH SYSTEMS

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OFFSHORE CRANE

YMV provides Offshore Cranes for Marine Industry in different forms: Telescopic Cranes, Active Heave Compensation Cranes, Pedestal Mounted Cranes, and Knuckle Boom Cranes.



O&G | REN | FLO | PLA | VES



ACTIVE HEAVE COMPENSATION CRANE

YMV Winch Active Heave Compensation Mode gives the operator full control on load under extreme weather conditions. YMV Active Heave Compensation Crane is designed to minimize weather related downtimes and thus operational costs.



O&G | REN | FLO | PLA | VES | HEA

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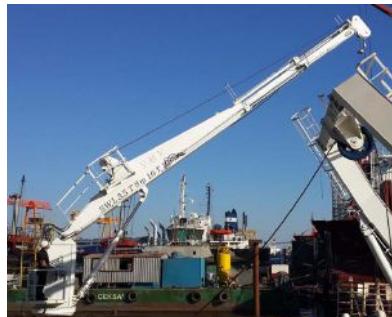


CARGO CRANE HATCH COVER GANTRY CRANE

YMV Hatch Cover Cranes are designed and manufactured for lifting, lowering and collection of hatch covers of Cargo Vessels. Capacity range of YMV Hatch Cover Crane is between 3-40 t and span range is 8- 20 mt. Minimum and maximum working heights are 1,5-5 meter. Our cranes are manufactured as electric or hydraulic driven and control is made by lever located on one foot of crane.



O&G | REN | FLO | PLA | VES



TELESCOPIC BOOM CRANE

Electro hydraulic driven YMV telescopic boom cranes capacity range is between 1-30 t, boom outreach is between 4-30 Meter, pedestal diameter is between 600-2.000 mm. Operator control platform is located on the crane, cabinet is optional. By load control and angle control functions safe operations can be achieved(MOPS and AOPS).



O&G | REN | FLO | PLA | VES

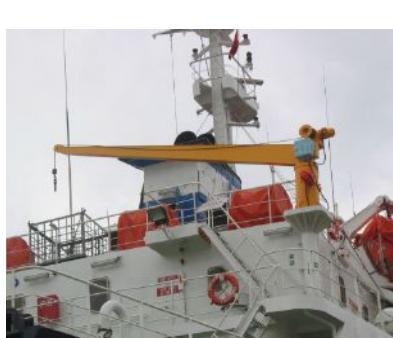


STIFF BOOM CRANE

YMV provides Offshore Cranes for Marine Industry in different forms: Telescopic Cranes, Active Heave Compensation Cranes, Pedestal Mounted Cranes, and Knuckle Boom Cranes.



O&G | REN | FLO | PLA | VES | TEL

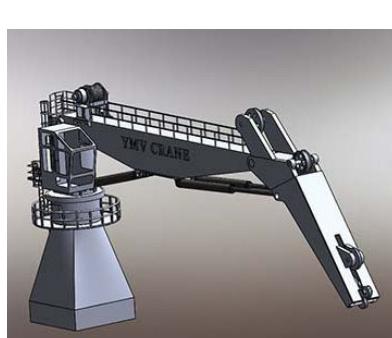


FIXED BOOM CRANE

YMV Crane and Winch Systems electrohydraulic stiff boom cranes are manufactured for Ships, Supply Vessels, Tanker Vessels, Tugboats, Container vessels. Main purposes are hose and pipe, provision, service, container and cargo handling also cable laying.



O&G | REN | FLO | PLA | VES | FIX



KNUCKLE BOOM CRANE

YMV provides Offshore Cranes for Marine Industry in different forms: Telescopic Cranes, Active Heave Compensation Cranes, Pedestal Mounted Cranes, and Knuckle Boom Cranes.



O&G | REN | FLO | PLA | VES | KNU



SERVICE HOSE CRANE

YMV Crane and Winch Systems service and hose cranes are designed for trouble free operation in hostile marine environment. To obtain the maximum performance, all components are selected for long life in marine environment. Our cranes are manufactured electric or hydraulic driven, fixed, knuckle or telescopic boom options are available.



O&G | REN | FLO | PLA | VES

CRANES

YMV CRANE AND WINCH SYSTEMS

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LARS A-FRAME CRANE

YMV Launch and Recovery Systems (LARS) A-Frame is the hydraulic driven crane system widely used on special purpose research vessels, supply vessels for oil platforms, oceanographic and deep sea research vessels. It is mainly used for safely lifting and lowering of special purpose research and rescue equipments, such as Side Scan Sonar, ROV launching and recovery mechanism.



O&G | REN | FLO | PLA | VES

DOUBLE BOOM SHIPYARD CRANE

YMV Cargo Cranes designed and manufactured for safe and effective Cargo handling operations. With YMV Ship Cargo Crane effective lifting, holding and lowering properties allows operators precise control on load. YMV Deck Cargo Crane capacity is between 10-50 t. Boom outreach is can be between 15-35 meter. Control of operation is from cabinet.



O&G | REN | FLO | PLA | VES

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TELESCOPING LAUNCH AND RECOVERY SYSTEM 7021

- 10 tonnes luffing rating
- G2120 tonnes overboard rating



O&G | REN | SCI | ROV

TELESCOPING LAUNCH AND RECOVERY SYSTEM 1015

- 13.5 tonnes luffing rating
- 22 tonnes overboard rating



O&G | REN | SCI | ROV

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USV
UNMANNED SURFACE VEHICLE

GLI
GLIDERS

VES
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HAWBOLDT

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LARS 27MT A-FRAME

- 27 metric tonne Safe Working Load.
- Hydraulic actuation of main boom, extension boom, swing, tilt and rotation of ROV docking ring and more.

Applications: Deployment and recovery of Subsea Drill, Trencher, Trencher ROV or Work Class



O&G | REN | SCI | ROV

LARS 15MT A-FRAME

- 15 metric tonne Safe Working Load.
- Hydraulic actuation of main boom, extension boom, swing, tilt and rotation of ROV docking ring and more.

Applications: Deployment and recovery of Work Class ROV



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LARS 10 OR 6MT A-FRAME

- 6 -10 metric tonne Safe Working Load.
- Hydraulic actuation of main boom, extension boom, swing, tilt and rotation of ROV docking ring and more.

Applications: Deployment and recovery of Work Class ROV



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INDUSTRIAS FERRIS, S.A.

WWW.FERRI-SA.ES | Sales | sales@ferri-sa.es



ROV LARS

FUNCTION: Equipment for launch and recovery of an ROV, Liropus class.



O&G | REN | SCI | ROV



MULTISERVICE LARS IN BELOW DECK HANGAR

FUNCTION: A transversal crane for the launching and recovery of workboats and a crewed minisubmarine.



O&G | REN | SCI | ROV

KONGSBERG

WWW.KONGSBERG.COM

Knut Meyer | km.office@kongsberg.com



LAUNCH AND RECOVERY SYSTEMS FOR ROV (LARS)

Delivering the highest of specifications. The Basic LARS for work-class ROVs is based on our high-end system. It uses the same high quality steel components and features such as docking head flexibility, dual tilted A-frame and gentle handling of umbilical are maintained.



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AUV
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GLI
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KRAKEN ROBOTIC SYSTEMS INC.

WWW.KRAKENROBOTICS.COM
Shauna Cotie | info@krakenrobotics.com



A-LARS

When paired with Kraken's Tentacle Winch, the A-LARS turns your winch system into a launch and recovery system without the need for personnel on deck, keeping your crew safe. The A-LARS has been designed and tested to recover the Kraken KATFISH in up to sea state 4 at a speed of 6 knots. This process can be conducted from the vessel locally or remotely via the remote link system.



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FULL VESSEL SOLUTIONS



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ROV and AUV LARS

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ISO 9001 - 2015

www.hawboldt.ca

MACARTNEY

WWW.MACARTNEY.COM

Jennifer Stewart | jas@macartney.com



MERMAC A – DYNAMIC AND VERSATILE LARS SOLUTIONS

Solutions include A-frames, davits and other solutions for providing reliable and fully controllable deployment and recovery of a wide range of equipment - from small oceanographic instruments to large work class ROV systems. They can be designed as portable or fixed systems and form part of compact and fully integrated winch and handling solutions.



ALL MKTS | ROV | VES

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OKEANUS

WWW.OKEANUS.COM | Benton LeBlanc | info@oceanus.com



RAPID MOBILIZATION LAUNCH & RECOVERY SYSTEM

The fully integrated system, designed and built to launch and recover a free-flying ROV, contains a winch / level wind assembly, self-erecting A-Frame, docking head / over-boarding sheave assembly and electro-hydraulic power unit, all mounted to a single skid.



O&G | REN | SCI | ROV

ECO SHEAVE

The ECO Sheave is an economical, high-quality overboarding sheave designed for use with small diameter electro-mechanical cable, wire rope, or synthetic line. It is intended for use with small to medium sized oceanographic, water quality hydrographic, or geophysical instrumentation; including CTD's, water samplers, plankton nets, and bottom grab samplers.



O&G | REN | SCI | ROV

RAPP MARINE (A MACGREGOR COMPANY)

WWW.RAPPMARINE.COM | Sales | ofssales@macgregor.com



MOONPOOL LARS

Moonpool LARS are delivered with a vessel-integrated, rail-mounted guide cursor and a highly accurate hydraulic or electric winch, large screen-based control panel and moonpool door system. Cursor locks allow secure and convenient parking at heights ideally suited to maintenance operations or traffic around or under the ROV.



O&G | REN | SCI | ROV

OVERHEAD-MOUNTED ONSIDE LARS

MacGregor's robust LARS enable the safe operation of heavy payloads in adverse weather conditions and high sea states. Our overhead-mounted overside LARS use an extremely precise, hydraulic or electric active heave-compensated umbilical winch for the safe launch and recovery of various types of ROVs and other equipment.



O&G | REN | SCI | ROV

PORTABLE CONTAINER LARS

MacGregor's portable container LARS offer valuable benefits including ease of transportation and mobilisation, while maintaining uncompromised precision and performance. They can be designed and delivered for handling various types of unmanned underwater vehicles and subsea survey equipment such as ROVs, AUVs and seismic seabed-monitoring systems.



O&G | REN | SCI | ROV

SAAB SEA EYE

WWW.SAABSEA EYE.COM

Chris Roper | chris.roper@saabgroup.com



LAUNCH AND RECOVERY SYSTEM

Slip ring with sufficient passes for transmission of power and data; 'A' Frame or Crane mechanism for lifting and deployment of the ROV overboard; Sheave wheel for free movement of the umbilical cable with or without an optional lock latch or snubber rotator mechanism; Hydraulic Power Unit (HPU) that provides hydraulic power to the winch, 'A' frame and lock latch mechanism; Skid tie down plates for welding to deck

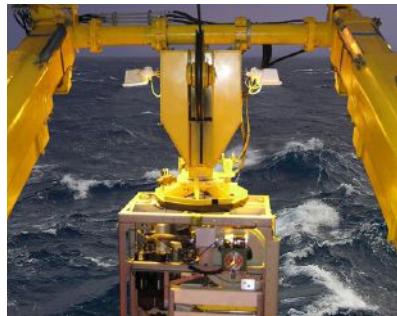


ALL MKTS | ROV

RAPP MARINE (A MACGREGOR CO.)

WWW.RAPPMARINE.COM

Sales | ofssales@macgregor.com



DECK/SKID-MOUNTED OVERSIDE LARS

MacGregor deck/skid-mounted overside LARS enable the safe, precise handling of heavy payloads and ROVs in all weather conditions and sea states. Their flexible and compact modular A-frame-based design includes a tilting and/or telescoping frame, electric or hydraulic drive active heave-compensated umbilical winches, locks, hydraulic power unit, and control system.



O&G | REN | SCI | ROV

SHARK MARINE

WWW.SHARKMARINE.COM | Sales | sales@sharkmarine.com



PLATFORM LARS

This LARS is built on a standard ISO platform allowing it to be easily transported and installed on different vessels. It can be used for towed and rov systems with enough room to mount a 10 foot container behind the winch. The Platform lars is available in hydraulic and electric-hydraulic configurations.



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FOLDING LARS

This LARS is a mobile, self-erecting A-Frame, designed to launch and recover the Shark Marine Sea Wolf2 and other mid-size ROV's, sonars and instruments. The systems may be either Hydraulic or Electric-Hydraulic depending on the user's requirements.



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CONTAIN-A-LARS

Plug and Play Containerized Launch and Recovery Systems for ROV's, AUV's, Tooling and Equipment



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A-FRAMES

UPPER
DECK 2019



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ON&

A-FRAMES

ALLIED MARINE CRANE

WWW.ALLIEDSYSTEMS.COM | Sales | cranes@alliedsystems.com



PORTABLE

The Portable A-Frame with HPU has all the functions of the Fixed A-frame, and can be stored and transported as needed. The HPU is contained on the base, efficiently using deck space while allowing for flexible use.



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FIXED

Common on research vessels, The Fixed A-Frame can be located on the stern. With a capacity of 30,000 lbs. or 40,000 lbs., it can handle ROVs and other equipment.



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DYNACON INC. (FORUM)

WWW.F-E-T.COM | Sales | dynacon.sales@f-e-t.com



SELF ERECTING: MODEL 6023, MODEL 966, MODEL 9966

DYNACON offers many types of A-Frames for numerous applications. These applications include Remotely Operated Vehicles, towed systems and IWOCS support. All A-Frames can be custom engineered to your specific application. Our line of self-erecting A-Frames enables safe and rapid installation on the vessel.



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CONVENTIONAL: MODEL 952, MODEL 1217, MODEL 6015, MODEL 474

DYNACON offers many types of A-Frames for numerous applications. These applications include Remotely Operated Vehicles, towed systems and IWOCS support. All A-Frames can be custom engineered to your specific application. Our line of self-erecting A-Frames enables safe and rapid installation on the vessel.



O&G | TRA | PRM | OPP



TELESCOPING: TELESCOPING LARS 702, TELESCOPING LARS 1015

DYNACON offers many types of A-Frames for numerous applications. These applications include Remotely Operated Vehicles, towed systems and IWOCS support. All A-Frames can be custom engineered to your specific application. Our line of self-erecting A-Frames enables safe and rapid installation on the vessel.



O&G | TRA | PRM | OPP

CATEGORY

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OPP
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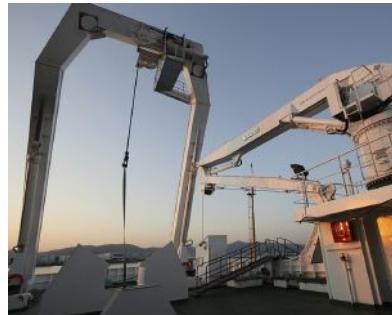
STERN A-FRAME FOR ROV

FUNCTION: Telescopic boom for launch and recovery of CTD rosette.

CONTRIBUTION: Transfer system, to place equipment near the waterline. Certified by Bureau Veritas.



O&G | MAR | PRM | OPP



STERN A-FRAME FOR LAUNCH AND RECOVERY OF A FISHING BOAT

FUNCTION: Equipment for launch and recovery of an ROV, Liropus class.

CONTRIBUTION: An auxiliary winch, oceanographic bar and shock-absorbing docking-head for ROV operation. Wide swing angle via a system of connecting rods. Auxiliary snatch-blocks for fishing ops. Certified by Bureau Veritas.



O&G | MAR | PRM | OPP



A-FRAME FOR RECOVERY OF SHIPWRECKAGE AND OTHER DRIFTING OBJECTS

FUNCTION: Equipment for launch and recovery of ROV.

CONTRIBUTION: Equipment specially designed for handling an ROV at sea. The A-FRAME operates in coordination with the different winches on board and one incorporated in the structure specially designed to support the ROV's maneuvers. ALS classified by BV.



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STERN A-FRAME WITH STABILIZER

Function: A-FRAME for launching and recovery of a fishing boat.

CONTRIBUTION: Equipment designed for launching and recovery of a fishing boat of up to 45t. Raising with hydraulic cylinder. Certified by Bureau Veritas.



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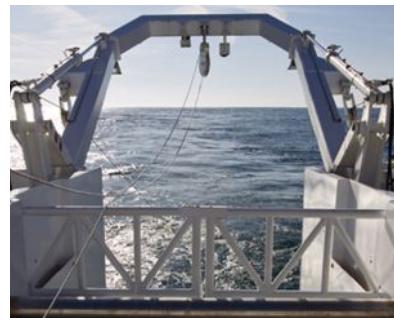
STERN A-FRAME

FUNCTION: A-FRAME for recovery of ship wreckage and other drifting objects.

CONTRIBUTION: Equipment designed for the recovery of wreckage and other large objects up to 100t weight, 11.7m long, and 8m high. This equipment has been designed so that it is interchangeable between twin vessels. Incorporating a raising winch. Design approved by DNV and construction approved by BV.



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STERN A-FRAME

FUNCTION: A-FRAME for launch and recovery of a plough for burial of fiber optic cable to a depth of 1500m.

CONTRIBUTION: Equipment for handling a 25t plough at sea, stabilizer docking-head and wide angle of swing to free the tension of the winch while towing. Travelling docking-head on crossbar to catch the plough and stow it out of the line of the cable laying. Certified by LRS.



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DT-3060 EHLWR

Slip Ring Winch

The DT-3060 multi-purpose winch is designed to support deepwater bottom sampling, water sampling, and hydrographic survey. The winch has a capacity of: 7,000m of .45" cable or 3,000m of .68" cable with a bare drum line pull of 7,500 @ 0-200 FPM.



OKEANUS SCIENCE & TECHNOLOGY, LLC

11989-A FM 529 Houston, TX 77041 | +1-713-460-1400 | info@okeanus.com | www.okeanus.com

INDUSTRIAS FERRI S.A.

WWW.FERRI-SA.ES.COM | Sales | sales@ferri-sa.es

ON&T

ON&T

STERN A-FRAME

FUNCTION: Launch and recovery of oceanographic research equipment.
CONTRIBUTION: Wide swing angle via system of connecting rods. Auxiliary blocks for fishing operations.
OTHER FERRI EQUIPMENT INSTALLED: 2 side A-FRAMES.



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STERN A-FRAME

FUNCTION: Launch and recovery of oceanographic research equipment.
CONTRIBUTION: Large diameter sheave for the use of umbilical signal cable. Large scale structures to operate large scale ROVs.
OTHER FERRI EQUIPMENT INSTALLED: Telescopic boom. Side A-FRAME. Slewing fairlead for outgoing of wire to each A-Frame.



O&G | MAR | PRM | OPP

SOIL MACHINE DYNAMICS LTD.

WWW.SMD.CO.UK | Matthew Woodward | matthew.woodward@smd.co.uk



A-FRAMES FOR WORK CLASS ROVS

Launch and Recovery Systems (LARS) for operators, system integrators and Original Equipment Manufacturers (OEMs) of Work Class ROVs systems. Standard SMD LARS systems are manufactured to interface seamlessly with SMD WROV systems but can be easily interfaced to other equipment suppliers WROV and TMS systems.



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A-FRAMES

SOIL MACHINE DYNAMICS LTD.

WWW.SMD.CO.UK | Matthew Woodward | matthew.woodward@smd.co.uk



A-FRAMES FOR SUBSEA TRENCHERS AND TRACTORS

SMD offers a range of complete turnkey launch and recovery systems specifically designed for handling subsea trenching vehicles. Standard LARS are manufactured to interface with SMD's range of trenching vehicles to minimise deck space to form a complete vehicle handling system but can be easily interfaced to other trenching vehicles manufactured by other suppliers.



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A-FRAMES FOR SUBSEA PLOUGHS

SMD offers a range of complete turnkey launch and recovery systems specifically designed for handling subsea ploughs. Standard LARS are manufactured to interface with SMD's range of ploughs to minimise deck space to form a plough handling system but can be easily interfaced to other ploughs manufactured by other equipment suppliers.



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TTS GROUP ASA

WWW.TTSGROUP.COM

Sales | services.tkno@ttsgroup.com



TTS A-FRAMES

TTS offers a complete range of A-frames with lifting capacities up to 350 tons and a working radius tailor made to suit any vessel design. The A-frames is designed for offshore applications on all types of vessels operating under offshore conditions.

Options:

- Integrated power packs
- Separate power packs
- Remote control
- Additional wire sheaves
- Winch to work with A-frame (with and without AHC)



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