



Nybon Marine

Premium Marine Winches & Fittings Solutions

Engineered for the world's most demanding maritime environments. Precision, durability, and innovation at the core of every solution.



Company Introduction



Global Industry Leader

Specializing in high-quality marine deck machinery, including winches and fittings. We serve shipyards, offshore platforms, and vessel owners across the globe with reliable, industry-leading equipment.



Engineered for Extremes

Our portfolio adheres to the most rigorous maritime standards, guaranteeing optimal performance, safety, and longevity even in the harshest marine operating environments.



Tailored Solutions

Backed by experienced engineers, we deliver bespoke solutions tailored to your unique project requirements, ensuring seamless integration and maximum efficiency.

“We don’ t just supply products—we build partnerships for a safer and more efficient maritime future.”

Committed to innovation, reliability, and customer satisfaction at every step.

Industrial Marine Solutions



01 / Company Introduction

Driven by a commitment to excellence, we merge precision engineering with manufacturing reliability to deliver industry-leading marine systems that set the standard for quality and durability.



02 / Product Categories

Offering robust Marine Winch Solutions and premium Marine Fittings Solutions, all rigorously tested to perform seamlessly in the most demanding offshore and coastal environments.



03 / Customization & Specs

Every solution is tailored to your unique operational needs. We provide flexible engineering, bespoke dimensions, and material specifications to match your exact marine project requirements.



04 / Applications & Projects

Discover our global footprint of successful deployments across commercial shipping, offshore energy, and naval sectors, demonstrating proven performance and real-world impact.

Product Categories

Marine Winch Solutions

Marine Winch Solutions



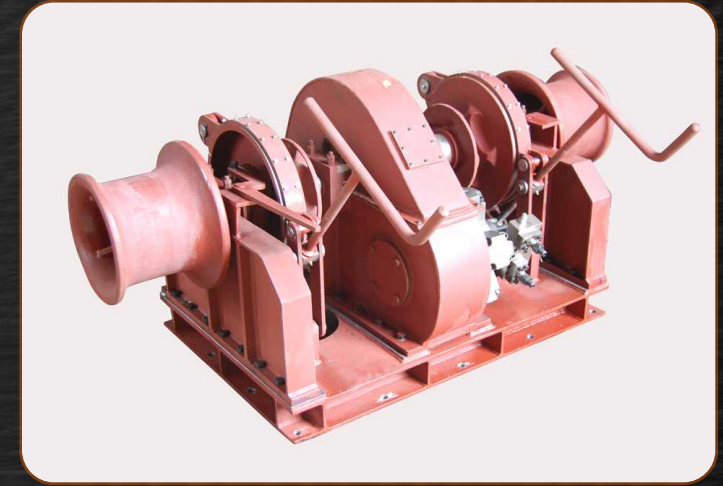
Slipway Winch / Ramp Winch

Heavy-duty winches engineered for the controlled launching and hauling of vessels on slipways or ramps. Designed to handle extreme loads with precision, ensuring safety and reliability during critical shipyard operations.



Mooring Winch

Essential for securing vessels to docks with precise tension control for safe berthing. These winches maintain constant line tension, absorbing vessel movements caused by tides and weather for optimal stability.



Towing Winch

Robust winches built for high pulling forces in tugboat operations, escort duties, and marine salvage missions. Engineered for maximum durability and power to tackle the most demanding offshore towing challenges.

Marine Winch Solutions



Anchor Winch (Windlass)

The core equipment for deploying and retrieving a ship's anchor and heavy chain. Engineered for robust performance in harsh marine environments to ensure secure vessel positioning.



Combined Anchor Mooring Winch

A compact, space-efficient unit integrating anchor windlass and mooring winch capabilities. Perfect for ships with limited deck space, delivering dual functionality without compromising strength.



Davit Winch

Specialized winches designed for the safe lowering and lifting of personnel, lifeboats, and critical equipment. Built with fail-safe mechanisms for emergency and rescue operations at sea.

Marine Winch Solutions



Vertical & Horizontal Capstan

Compact, space-saving deck machines featuring below-deck motor configurations. Optimized for efficient line hauling and mooring operations in confined marine environments.



Waterfall Winch

Heavy-duty multi-drum systems engineered for extreme offshore tasks. Ideal for deep-sea anchor handling, salvage operations, and complex mooring deployments.



Umbilical Winch

Precision-engineered to handle delicate umbilical cables. Delivers reliable power, control, and data transmission for ROVs and critical subsea infrastructure.



ROV Winch

Dedicated winches for managing ROV tether cables, ensuring robust mechanical handling and uninterrupted high-speed communication for underwater operations.



Product Categories

Marine Fittings Solutions

High-performance, corrosion-resistant components engineered to meet the rigorous demands of offshore and marine applications.



Marine Fittings Solutions



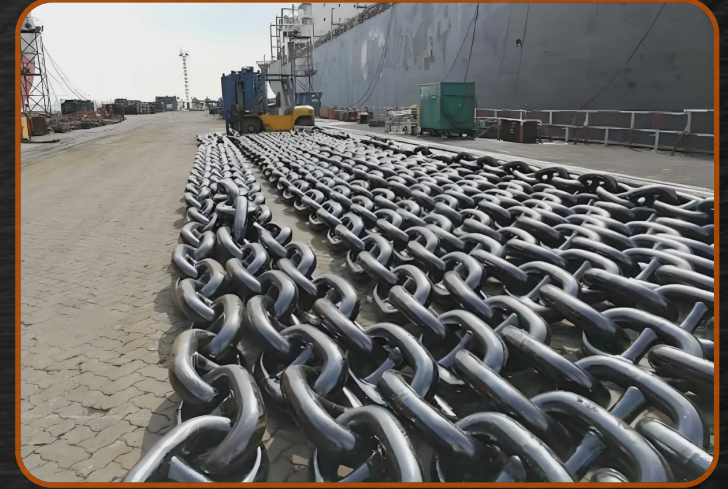
01. Ship Launching Airbags

Robust, inflatable rubber devices designed for safe, efficient, and cost-effective ship launching and dry-docking. Provides exceptional buoyancy and shock absorption for vessels of all sizes.



02. Marine Anchor Systems

Critical for securing a vessel's position, our high-tensile steel anchors come in various configurations to optimize holding power across different seabed compositions.



03. Anchor & Mooring Chains

High-strength stud-link chains connecting the anchor to the vessel. Manufactured to meet ISO standards, these chains ensure maximum durability for permanent mooring.

Marine Fittings Solutions



01. Chain Stopper

A critical safety device that securely locks the anchor chain in place, effectively relieving mechanical stress on the winch and ensuring fail-safe mooring even in rough sea conditions.



02. Marine Bollard

Heavy-duty, robust posts engineered for decks and docks. Designed to withstand extreme tensile loads, they provide a secure point for fastening mooring lines, ensuring vessel stability during berthing.



03. Marine Chock / Fairlead

Precision-engineered deck fittings that guide mooring lines, eliminating abrasion and wear on ropes. They optimize line angle and tension, protecting both the lines and the vessel's structure.

Marine Fittings Solutions



01. Quick Release Hook

Provides a critical safety mechanism for rapid, controlled release of mooring lines during emergencies or sudden load changes, safeguarding both personnel and vessel integrity in high-stress marine conditions.



02. Shark Jaw Clamp

A robust hydraulically operated clamping device engineered for secure handling of heavy chains and wires during anchor operations, towing, and offshore lifting tasks in extreme maritime environments.



03. High-Strength Ropes

A comprehensive range of high-performance steel wire ropes and durable synthetic fiber cables, designed for mooring, towing, and lifting applications, offering unmatched strength, flexibility, and corrosion resistance.

Customization Parameters

01. Load Capacity

Tailored line pull (kN/ton), brake holding load, and Safe Working Load (SWL) to meet exact operational limits.

02. Dimensions & Capacity

Custom drum size, rope/chain storage (meters), overall L×W×H, and unit weight for perfect installation fit.

03. Performance

Variable line speeds (m/min), stepless VFD control, and auto-tensioning for precision and efficiency.

04. Power Source

Flexible options: 3-Phase AC, DC, explosion-proof electrics, or custom-engineered hydraulic power packs.

05. Controls & Automation

Local/pendant stations, wheelhouse remotes, or PLC-based smart automation for seamless vessel integration.

06. Structural Design

Configurable drum counts (1-3), vertical/horizontal orientation, and custom base frames for marine conditions.

07. Materials & Finish

High-tensile steel, marine-grade stainless steel, and advanced anti-corrosion coatings for longevity.

08. Safety & Protection

Fail-safe brakes, emergency stops, overload sensors, and real-time load monitoring systems.

09. Global Certifications

Compliant with ABS, BV, DNV, LR, CCS, IMO, SOLAS, ISO, and OCIMF standards for global operations.



Applications & Projects



REAL-WORLD IMPACT



Applications



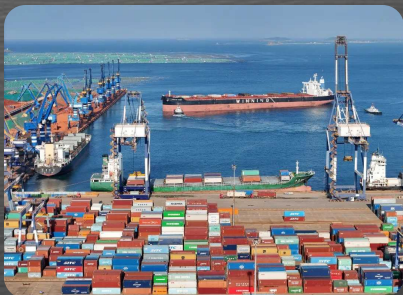
01 Shipyard Operations

Specialized in launching new builds, hauling vessels for dry-dock repair, and precision lifting of heavy ship sections with high-tensile machinery.



02 Offshore Platforms

Critical for FPSO station-keeping, deploying deep-sea subsea equipment, and establishing permanent mooring systems in extreme offshore conditions.



03 Port & Terminal Mooring

Ensuring efficient, safe berthing for the largest container ships, bulk carriers, and tankers with automated mooring and mooring winch systems.



04 Vessel Fleet Outfitting

Equipping a diverse global fleet—from cargo ships to naval vessels—with reliable, low-maintenance deck machinery for maximum uptime.

Projects



Ship Launching Projects

We have provided our advanced **Ship Launching Airbags** and **Slipway Winch systems** for the successful launch of a wide range of vessels, from small workboats to large offshore platforms, setting records for the heaviest vessel launched using airbag technology.



Deck Machinery Projects

Our comprehensive suite of **Marine Winches** and **Fittings** has been installed on new build vessels and retrofitted onto existing fleets. These projects cover major shipyards and ship owners, ensuring reliable performance for critical operations.



Thank You

Contact us for your marine equipment solutions