

Designed to fit PURPOSE

WORLD WIDE SUPPLIER OF **DECK MACHINERY**



Adria Winch

About Adria Winch



Adria Winch is **worldwide supplier of deck machinery.**

Our experienced and flexible design team positioned Adria Winch as reliable partner for global shipowners in many tailor-made and also standard deck machinery packages.

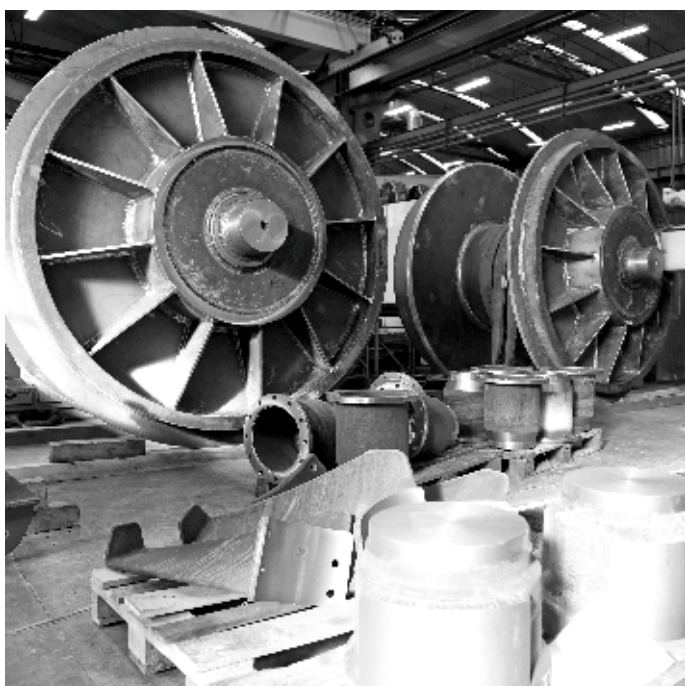
At **Adria Winch production facility** you can find all in one place: in an area of 1200 m² there is fully equipped production facility with modern CNC machine tools, heat treatment, plasma cutters as well as fully equipped welding facilities and sandblasting / metalizing / paint shop capable for most demanding tasks in production of mechanical, hydraulic and electronic equipment.

With three overhead cranes of maximum of 50 tones range we are able to **assemble projects for all customer needs for all types of industries** - maritime, oil and gas, subsea, defense, and energy.

Together with a group of skilled mechanics and qualified engineers we are at the disposal for all customer needs

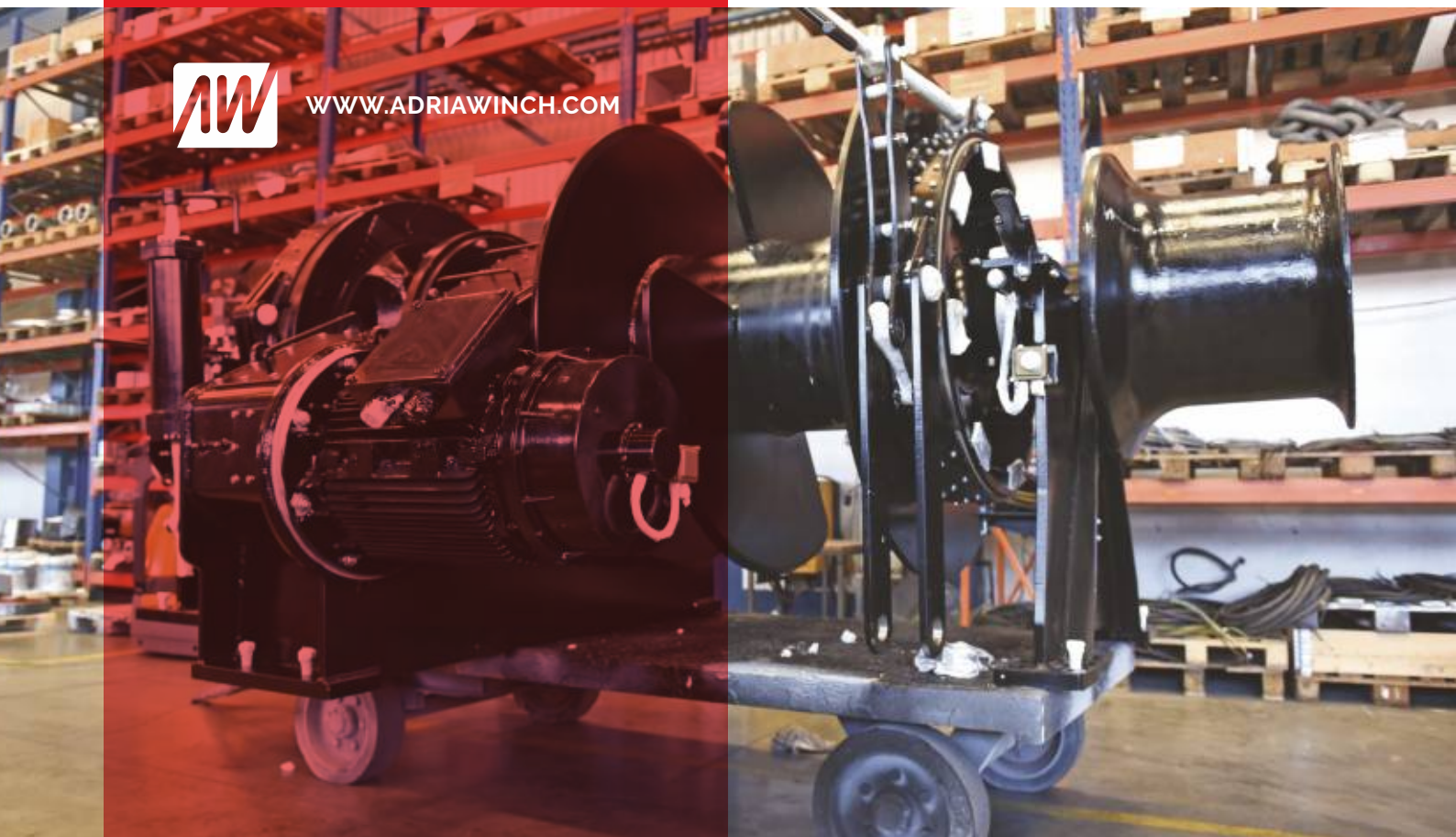
Final product – **wide range of deck machines, especially winches** are proven to be extremely reliable during operation, have low cost of maintenance and long-life span.

AW highly **qualified technical support is available 24/7** to give our customers quick and accurate answers. Our Service Engineers are available to arrive on site within 48 h and to perform job quickly and without hassle.



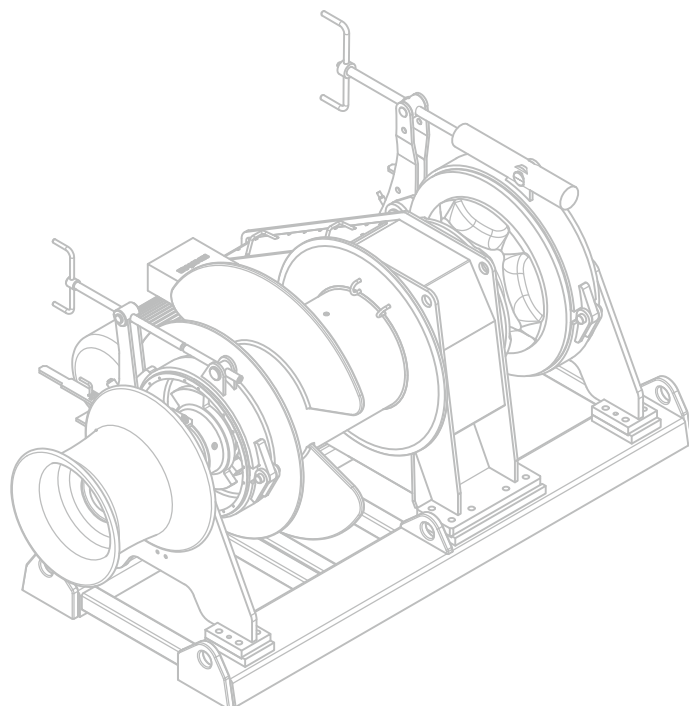


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Anchor/ mooring winches and capstans

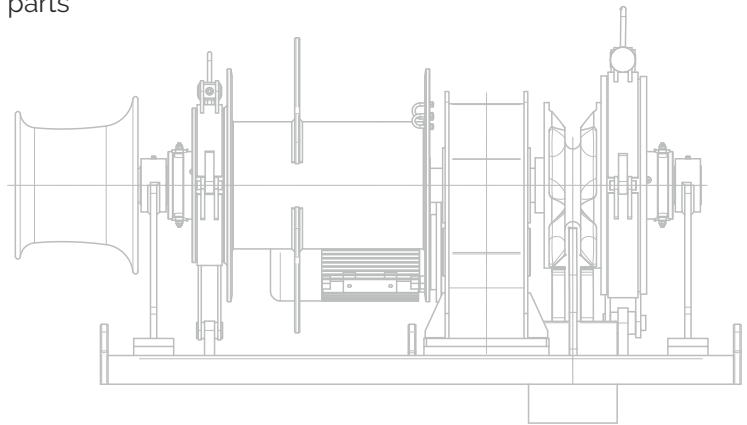
Adria Winch produces many types of combined **anchor/mooring winches and capstans**, depending on specifications. The compact design of AW anchor/mooring winches with **"easy to install"** feature makes it easier to pay out and haul the anchor, or to moor a ship.





Features:

- Chain dimensions up to 101 mm, pull up to 400 kN
- High torque and high rope speed
- AC electric motor pole-changing or step-less by frequency inverter
- High pressure hydraulic drive
- High brake holding power with stainless steel bolts and bushings in all movable parts



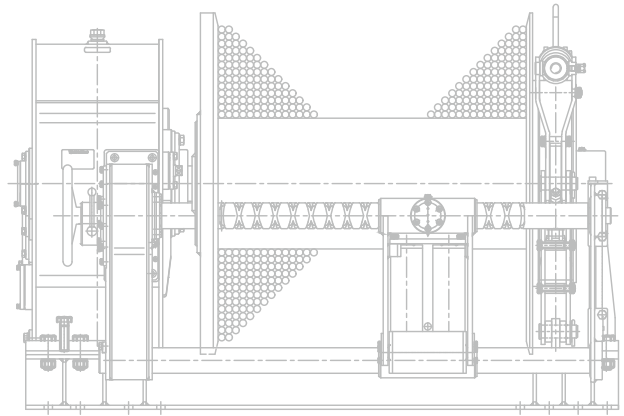
Options:

- Hydraulically operated clutches
- Hydraulically operated fail to safe brakes
- Local / Bridge control
- Remote automatic anchor drop/PLC controlled chain speed
- Automatic mooring control system with electronic load sensing
- Yacht execution (highly polished stainless steel) for above deck part



Seafood Industry Equipment

AW serves food industry for two decades through supply of **reliable equipment for various type of vessels that harvest or transport fresh seafood** around the globe.



a) Trawler vessels

For trawling purpose, **we produce various size of heavy-duty fishing winches that are used as main or auxiliary winches on vessel**. All winches are designed with close cooperation with customer to fit both - deck space and purpose. Our standard scope of fishing winches includes:

- **TRAWL WINCHES**
- **PURSE SEINER WINCHES**
- **SWEEP LINE WINCHES**
- **GILSON WINCHES**
- **COD END WINCHES**
- **OUT HAUL WINCHES**
- **NET SOUNDER WINCHES**
- **AUXILIARY WINCHES**

The power source for fishing winches can be electrical (AC or PM) or high pressure hydraulic according to customer requirements.

Energy recuperation and superior response on sea state up to ± 4 m waves. Totally enclosed reducers, robust design and metallization as surface protection are excellent choice for reliable equipment suitable for years operating toughest sea conditions and low temperature.





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b) Live fish carriers/ Stun and Bleed vessels

For vessels in charge of processing or transporting live fish **we supply optimized equipment designed to cope with disinfections chemicals – commonly used on vessels which handle food**. Special attention is paid to the surface treatment of such equipment for same reasons.

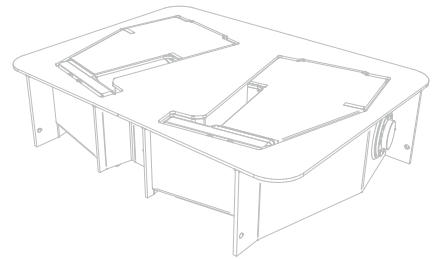
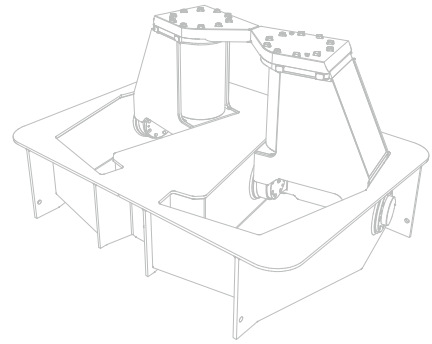
Usual scope of such winches includes:

- **ANCHOR-MOORING WINCHES**
- **FISH CAGE WINCHES**
- **ALUMINUM MOORING CAPSTANS**
- **MOORING WINCHES**
- **TUGGER WINCHES**
- **VARIOUS SMALL AUXILIARY WINCHES**



Complete Towing Solution

For various type of vessels like tugboats, icebreakers, rescue vessels, multi-purpose vessels **we provide customized and complete towing solutions which include towing winches, hydraulic power units, towing pins, shark jaws, and other auxiliary equipment** like towing hooks, blocks, brackets and cylinders.





Towing winches come in different configurations like single and double drums, waterfall or in-line configuration, with rated pull up to 150 tons. Manual and remote clutch operation is standard with also automatic emergency functions, constant tensioning mode and static brake slippage.

- Various size of towing pins are developed as well as unique shallow-draft pins made for vessels with limited underdeck space.
- Various Hydraulic Power Units are also part of the scope with one to possibly four pumps, depending on consumers that need to be supplied. Working pressure, up to 350 bar, with up to 800 kW drive.



Our towing equipment is design to withstand and work in rather harsh environment conditions – with air temperatures going down to -52°C

Special Design Products

Due to versatile and experienced design team AW **has competences in other type of deck machinery** as well as **non-maritime areas like civil engineering**.

Some of unique products that we have developed is :

- a. OCEANOGRAPHIC RESEARCH WINCHES AND SOLUTIONS
- b. A-FRAMES AND CRANES
- c. LIFEBOAT RECOVERY SYSTEMS
- d. TRACTION SYSTEMS
- e. DREDGER WINCHES
- f. COMPLETE DRY DOCK SOLUTIONS
- g. PIGGY-BACK SYSTEMS
- h. OFFSHORE AUXILIARY EQUIPMENT
- i. MOORING SYSTEMS FOR PONTOONS
- j. CIVIL ENGINEERING MACHINERY



Classification Institutions and Quality certificates

To ensure international standards and the highest quality of products, Adria Winch works with all classification institutions. Therefore all Adria Winch products are designed and built by qualified specialists and meet the world's classification standards.

Our company has many type approval certificates for various models and well as implemented **Quality Management System ISO 9001:2015**.



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Contacts

(sales and after sales)

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