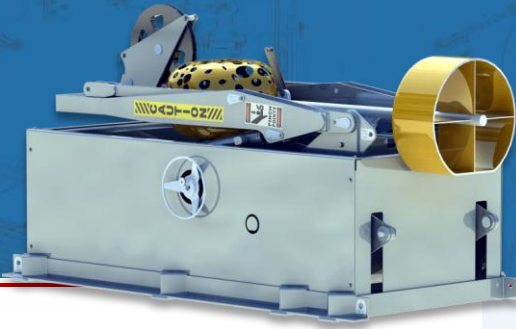


# Oceanographic Winches

Specialised Oceanographic Winches  
Up to 15,000 Metres

**BUILT TOUGH, DESIGNED TO LAST!**



Our expert sales and customer  
Service team can advise you on the  
Best product to suit your needs.  
Contact Neumann Equipment today.

 **(07) 5589 9746**

## Oceanographic Winches

Neumann Equipment Oceanographic Winches are designed specifically for hydrographic mapping, research and exploration using sidescan sonar, ROV systems, marine magnetometers, sub-bottom profilers and drop camera systems.

Our Oceanographic Systems are designed to enable scientific research in waters up to a depth of 15,000 metres. These systems can be configured to suit various data transfer cables and associated slip ring connection.

All of our oceanographic winch designs are verified using Finite Element Analysis (FEA), manufactured and tested to meet the relevant standards. They are Built Tough and Designed to Last!

The following photos of custom designed oceanographic winches have been provided for reference of our capabilities and excellence.

### Standard Inclusions:

- Machine groove drum with suitable D/d ratio to suit coaxial cable.
- Data transfer through slip ring enabling connection to auxiliary monitoring equipment.
- Mechanical or electric automated wire feeder/level wind.
- Continuous tension monitoring independent of deployment angle with overload alarm.
- Bi-directional distance monitoring.
- Electric or hydraulic drive with associated control systems.
- Reduction gearbox.
- Fail safe spring applied hydraulic/electric release brake.
- Carbon steel construction.
- All components are grit blasted and primed with two-pack epoxy primer and finished with heavy-duty two-pack epoxy polyamine marine coatings.
- Compliance with DNV-OS-H205 – Lifting Offshore and AS1418.1 (Cranes, Hoists and Winches).

### Available Options:

- Hauling line speed to suit application.
- Stainless steel or aluminium construction.
- Distance and tension data logging with export options.
- Custom control systems within a 316 stainless steel enclosure.
- Custom local/remote control stations.
- Isolated data transfer enclosure with shielded cables to eliminate EMF/EMC noise.
- Automated tow fish storage and deployment systems.
- Custom designed head sheaves optionally fitted with load and distance monitoring.
- Guarding to suit customer requirements.
- Custom designed mounting to suit vessel fitment.

Please contact us by phone or email to discuss your oceanographic winch requirements.

## Oceanographic Winch Examples



## NEUMANN EQUIPMENT

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**NEUMANN EQUIPMENT**