Deckmachinery for anchor handling towing vessels
Towing winches
Anchor winches
Capstan
Storage drum
Aux. Winches
Spooling devices
Control systems
Traction winches
Spooling units
Powerpacks
Fairleads
Deck cranes
A-Frame/Davits
Towingpins
Karm Fork
Towingpoint

We deliver a wide range of equipment for towing and offshore support vessels. The towing winches can be design for escort and harbour operations.

Visit our website: www.karmoy-winch.no
The winches are made compact and of light weight.

The winches can be delivered with tension mode for escort operation. Render recovery of towingline.

The towing winches can be delivered both as singel and double drum configuration. It can be delivered combined with anchor winch. See picture below.

The units can be delivered with static and dynamic tension monitoring system.
The winches is delivered with pull capacity up to 300 tons.
Karmoy Winch manufacture both large and small towing winches for harbour tugs.

The winches can be delivered brake and with tension winch with larger pull capacity.
CONTROL SYSTEMS

Our control system is based on PLC control connected with operating panels (touch screens).

The equipment is made for control of all equipment on deck and touch screens. You can choose between manual or automatic control.

There are a display showing system data, towing control and tension, length paid out and alarms.

The control systems can be special designed for each vessel. The systems can be accessed via internet for system control / monitoring and service. The systems are delivered to many vessels both towed and escort operation,
The system integrates all deck machinery onboard: towing winches, deck cranes, anchor winches, spooling devices, tugger winches, and karm fork. The system is flexible and can communicate with other systems onboard, example power-management systems.

The system can also include radio remote controls.
ANCHOR WINCH
TUGGER WINCHES

We produce a wide range of anchor winches and tugger winches and capstan.

For supply vessels we deliver cargo handling winches and straping winches.
Karm Fork and Towing pin systems

These systems are used for anchorhandling operations.

The systems can be delivered with different configurations with size and numbers of pins. The systems is delivered in different sizes the largest one can be used for chain size up to 165mm. The systems is type approved by DnV.

We design Karm Fork, towings pins, towing points and pop up pins.
The new developed KARM FORK reach higher over deck than earlier versions. This to easy catch chain.
Stainless steel towing pins for escort tugs.

KARM TOWING PINS

Stainless steel towing pins for escort tugs.
Karmøy Winch AS manufacture deckmachinery consisting of winches, cranes, remotecontrol systems, powerpacks, Karm Fork & Towingpins systems and pumps.

We have a wide range of on deckmachinery for tug, supply and anchorhandling vessels. Tension winches for escort tugs. Control-systems for towing winches.

Karm Fork and towingpins for anchor-handling operation.
The last 7 years we have delivered anchorhandling winches with pull capacity 300 tons on the first drum layer of 1210mm. Our customers have been pleased with the winches. The winches we have produced is two drum winches placed in waterfall. It is possible to use both drums.

ANCHORHANDLING WINCHES

The anchorhandling / towing winches can be delivered both as single and double drum configuration. It can be delivered combined with chain gypsy. The pull capacity up to 500 tons pull. The units can be delivered with static and dynamic tension monitoring system.
We deliver different types of spooling devices. These spooling devices are manually controlled, remote control or automatic control. The spooling devices can be delivered with automatic release at high side load.
We design a wide range of lifting and handling systems for ships. The deck cranes with capacity up to 50 tons at 20m.

The cranes is delivered both with monobox, knuckle or telescopic jib type. Typical operated by remote control system.

We deliver different sizes and designs for launching frames, A-frame and davits. The units can be delivered from 1 ton—50 ton capacity.

The A-frames can be delivered with integrated winches and powerpack. We can also deliver units with tension and heave compensation systems both passive and active.

Transvers stern handling systems are delivered with lifting capacity up to 7 tons.
We design sternrollers for anchorhandling vessels.

**STERN ROLLER**

Towing fairlead fitted into towing strongpoint on deck to ease manouvring during tow.

The blocks are delivered in 3 different sizes.

**TOWING FAIRLEAD**
Safe hose handling system is designed to make the operation of transfer of bunker, mud hoses to a platform supply vessel more safe and more efficient.

A-frame for handling rig anchors and reduce stress on rig anchor deployment.

Cargo secure winches for handling deck cargo on platform supply vessels. The winches have freecoupling for easy payout of wire rope.

Storage drums for mooring ropes and spare tow line. The storage drums can be delivered with tension mode to ease spooling and required back tension on wire.
SPECIAL EQUIPMENT
RENTAL EQUIPMENT

We hire out chain winches, Storage winches, cable handling systems for offshore construction vessels.

We have a test facility where we can test up loads up to 500 tons.
Handling systems for seismic research vessels. Streamer winches, umbilical winches, gun winches and control system

Complete deck machinery for fishing, trawlers and purse seine vessels. Winches, cranes, net handling systems and fish pumps

Winches
Windlass
Riser pull in
Umbilical winch
Fairlead

The warehouse in Norway have most spare parts. Our service department have contact no +47 52 85 68 00