

30 t. Hoisting Winch

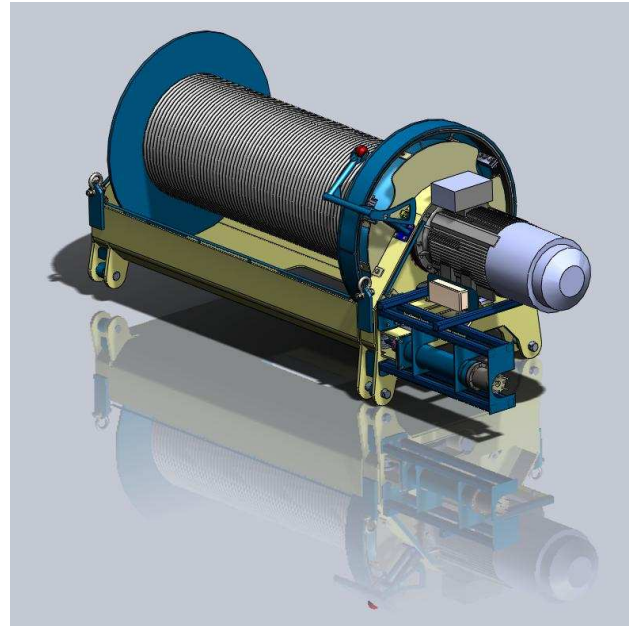
Application

The winch is used for hoisting the mainmast of a heavy-lifting crane. The winch will fit in a standard 20" container.

The winch is built in accordance with "Code for Lifting Appliances in a Marine Environment" of Lloyd's Register and according applicable standards.

System Components

The winch is driven by an electric motor, driving a planetary gearbox, fitted inside the winch-drum for the most compact configuration. The winch is equipped with a fail safe holding brake at the motor. The main brake is a spring set, hydraulically released band brake. The drum is pattern grooved for best spooling of the steel wire rope.



Winches on test bank, pulling test

Features / Innovations

The winch is designed to fit in a 20" container. Due to this the winch is equipped with an internal brake, driven by a lever arm. Also a last winding arm-switch is placed on the winch to make the winch fail safe.

Technical specifications

Type of winch:	Hoisting Winch
Safe Working Load:	30 t.
Rope diameter	36 mm
Number of layers	9
Rope storage cap.	2500 m
Nom pull 1 st layer	450 kN @ 18 m/min
Base material:	S355
Total weight:	10,000kg
Power	130 kW 440 VAC: 60 Hz
Dimensions	
Length:	5m
Width:	1.7m
Height:	2m

Certified acc. Lloyd's Register

