

# Ansell Jones Ltd.



## WINCH PRODUCTS



# Experts in the design and manufacture of winch products

Ansell Jones are proud to be experts in the design and manufacture of an extensive range of winches and wire reeling equipment. We can work using standard designs or create bespoke solutions which both meet our clients' exacting standards and all the requirements of third party certifying authorities including Lloyds, DNV, and ABS.

We design and manufacture equipment from just 1Te up to approximately 120Te line pull, powered by electric, hydraulic or pneumatic motors.

Our wide ranging experience includes Mooring, Utility, Towing, Man Riding, Lifting/Pulling Winches and Reelers. We can also manufacture all of the associated sheave blocks and rigging equipment to provide the complete handling package.

Here are some examples of projects we have recently undertaken.

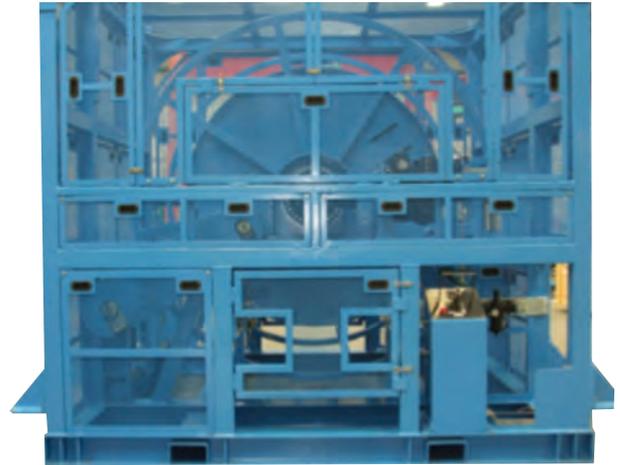
## High efficiency mooring winches for rigs and vessels

This is one of the 32Te Electric Mooring winches which have recently been completed and fully certified to ABS rules for a number of new build rigs and vessels. All feature declutchable drums for mooring operations and several variations on this design were fitted with single and double band brakes to give varying holding capacities of up to 128Te.

We specifically designed these winches to offer high efficiency and reliability while also being used in confined areas on a vessel or rig where space is at a premium.



32Te Electric Mooring Winch certified to ABS rules.



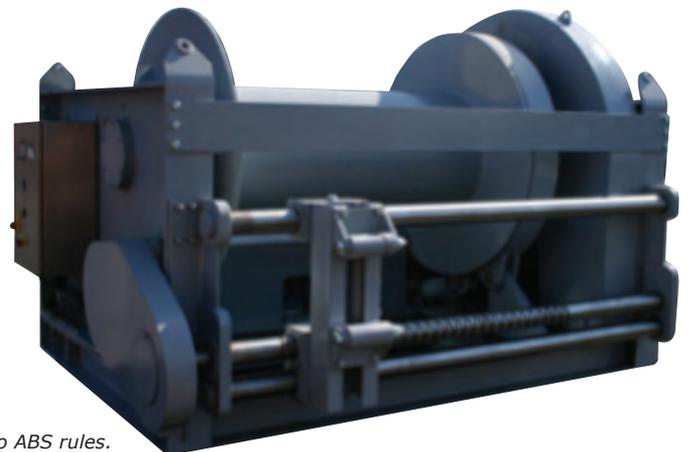
4Te Air Powered Reeler certified to DNV rules.

## Umbilical reeler offering real flexibility of use

Another recent contract saw us manufacture this 4Te air-powered umbilical hose reeler. Designed and certified to DNV 2.7-1 rules it can store 600m of 66mm umbilical hose.

It is fully guarded with safety shut down mechanisms on all the access panels and features a four-position auto spooling device.

It's been designed to either sit at deck level or through the deck so it can pay on / off at either side of the winch or at the top or bottom of the drum. It was also supplied with a body harness and a 20 metre remote control station.



# TSC Ansell Jones Ltd.

## Render recovery winch with extra control and reliability

We've recently manufactured a number of render recovery winches. Powered by electrical inverters to provide extra control and reliability, they've been designed to integrate with existing equipment on the deck of a vessel for loading and unloading of pipe and umbilical on a carousel. They work as slaves to an external tensioner and when set in torque mode will maintain a constant tension. They can also run at a controlled speed set by the operator. Certified to DNV rules, they have a line pull of 8Te and a maximum speed of up to 15m a minute. The stainless steel standalone control panel can be mounted away from the winch and a handheld local control was also supplied.



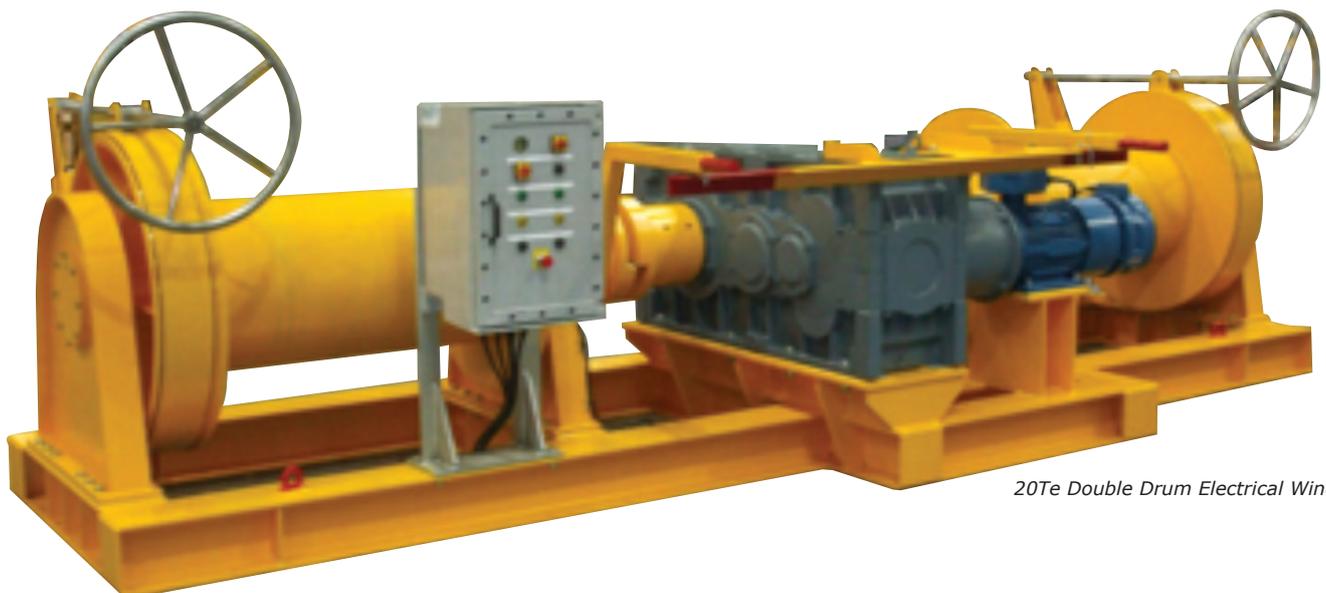
*Render recovery winch with extra control and reliability.*

## The winch even Arctic temperatures can't stop

This is a 20Te double-barrel electrical winch designed for use as part of a flare tip handling system in Siberia.

Not only is it a specialised spark proof zone rated winch, it also features a manually operated de-clutching system which only allows one drum to operate at a time. Limit switches and 30Te manual band brake provide extra safety features.

Operating temperatures in Siberia of down to -55°C mean that special aircraft grease and oil is used for lubrication and we also provided bespoke winch houses fitted with EExd heaters to keep the motors running. In addition, we supplied two 10Te hand operated winches and the associated single and double sheave rigging blocks, all designed to work in Arctic conditions.



*20Te Double Drum Electrical Winch.*

**If you'd like to know more about how Ansell Jones can help with your winching requirements call us on +44 (0)121 568 3420. We'll be pleased to put together a competitive proposal for you.**

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**GLOBAL SOLUTIONS** – DESIGNING AND MANUFACTURING MECHANICAL HANDLING SOLUTIONS FOR THE ENERGY INDUSTRY



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