

2Te offshore wind turbine crane

Designed to minimise life cycle maintenance

Our WindMaster 2Te Safe Working Load (SWL) ram luffing crane is designed specifically for use on offshore wind turbine platforms. It is an evolution of our original 2Te model which we have been manufacturing since 1987.

As a standard design with a number of optional features that can be added, this highly customisable crane ensures you get the exact specification that fits your needs.

Low maintenance,
high reliability

99% procurement of parts
from the UK

80% of components
manufactured in the UK



FULL LIFE CYCLE DESIGN

Our cranes are not just designed with the warranty period in mind; we take into account the full asset life cycle right at the start. With over 40 years' experience as a maintenance and inspection provider for offshore cranes in the North Sea, we have an unrivalled depth of knowledge in long term crane maintenance. To date Sparrows has delivered over 2,500 offshore cranes to customers across the world.

Our experience maintaining and operating a variety of crane types and brands puts us in the unique position to understand how future maintenance can be optimised through the right design – increasing efficiency and reducing costs across the life cycle.

Features built into the crane design include:

- HPU located separately from main crane structure – greatly increases ease of maintenance and reduces time and costs of repairs
- Slew lock function – no boom rest required, saving space
- Uses biodegradable oils – supports your environmental goals
- Multiple hook on points – allow for quick and easy attachment of personnel emergency evacuation equipment
- Set with limits – prevents accidental contact with the tower and blades
- Winch drum with lebus grooving – better alignment protects wire rope integrity

TECHNICAL SPECIFICATION

This crane incorporates straightforward design that facilitates easy operation and maintenance. It is extremely reliable and delivers the functionality that is required for light and infrequent lifting on an offshore wind turbine platform.

Key technical features include:

- 8m boom
- Max on-board load 2Te
- Automatic and Manual Overload Protection (AOPS & MOPS)
- 360 degrees continuous slewing
- On board SCADA control system
- Remote control function
- Painted in accordance with ISO 12944 C5-M
- Manual emergency operation function

Designed to DNVGL-0378 this crane is manufactured and assembled in the UK.

CUSTOMISATION

As a critical piece of equipment on any offshore installation it is important that your cranes match your requirements. We provide a standard range of options for all of our cranes and our engineers can support you to select the configuration that is right for you.



One of 102 cranes bound for East Anglia ONE



Testing in progress

Please visit www.sparrowsgroup.com/contact to find your nearest office

