

## GENERAL / INDUSTRIAL LOAD MONITORING

GAS PIPELINE INSTALLATION



WEIGHING DURING MANUFACTURING



BOLLARD PULL



NASA



DUAL POINT LOAD MONITORING



PROOF LOAD TESTS



NASA



MULTI POINT LOAD MONITORING



WEIGHING IN FOUNDRIES



CONTROLLED CABLE TENSIONING



## RON CRANE SCALES & WIND TURBINES

In recent years, the wind power industry has more than doubled its capacity leading to a doubling in the demand for crane scales.

Sales of Ron Crane Scales by Eilon Engineering have grown proportionately.

In the wind power industry, Eilon Engineering dynamometers and crane scales are increasingly being used in the construction, testing, and maintenance of turbines:

- > Testing and recertification of the tower's service crane
- > Overload prevention
- > Submarine power cable installation
- > Initial installation
- > Dismantling and repair of units
- > Weighing and balancing of blades before shipment from the manufacturing plant
- > Measuring the tension of guy wires
- > Blade-bearing inspection



SUBMARINE POWER CABLE INSTALLATION



## RON CRANE SCALES & WIND TURBINES

Eilon Engineering manufactures high-quality, durable, wireless or wired crane scales and dynamometers for all manner of heavy rigging tasks, including the installation and maintenance of wind farms.

With over three decades of experience, Eilon has worked with some of the world's leading wind turbine manufacturers such as Vestas, Siemens and GE, and boasts a client list of top companies and institutions such as the U.S. military, Boeing, NASA, and Lockheed Martin, as well as other Fortune 500 companies and smaller businesses.

### SYSTEM HIGHLIGHTS:

- > IP67 or partial underwater IP68-1 rating for offshore applications (IP65 standard)
- > Data logging: up to 10,000 values. Automatic or Manual
- > Reliability - 40 years in market
- > Long transmission range - up to 1 kilometer (1000 yards) optional
- > Standard remote readout
- > Hundreds of wireless load cell values displayed on a real-time load map on laptop, tablet, and smart phones screens
- > The exclusive use of high-grade aerospace steel for load cell bodies
- > Shackle holes offset 90 degrees to reduce external moments
- > Battery life of up to 5000 hours (10,000 hour option)
- > Small dimensions for minimal headroom loss
- > Light weight and portable
- > Fully tested and supplied with a test certificate, including a fully traceable calibration chart

## RON 2501, RON 2000, RON 3025 AND RON STAGEMASTER™

The wireless Ron 2501 dynamometer is particularly suited to the wind power industry. It is the smallest, lightest and most versatile wireless dynamometer on the market and its design ensures that the received and indicated value is 100% identical to the transmitted value.

Its small size makes for easy portability and minimal headroom loss. The Ron StageMaster 6000G4 uses a practically unlimited number of wireless load cells together with a Central Radio Receiver and a real time load map.

### RON 2000 WIRED



Dynamometer with wired remote display.

### RON 2501 WIRELESS



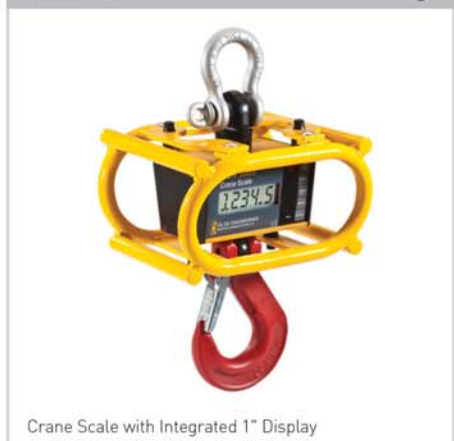
Dynamometer with wireless remote display.

### RON STAGEMASTER™



Multi Load Cell System

### RON 3025



Crane Scale with Integrated 1" Display