Ron Crane Scales - Aerospace

Eilon Engineering
Weighing Systems Ltd.

www.EilonEngineering.com

Manufacturer of **Ron Crane Scales - Aerospace**

49 Years

OF MEASURING EXCELLENCE

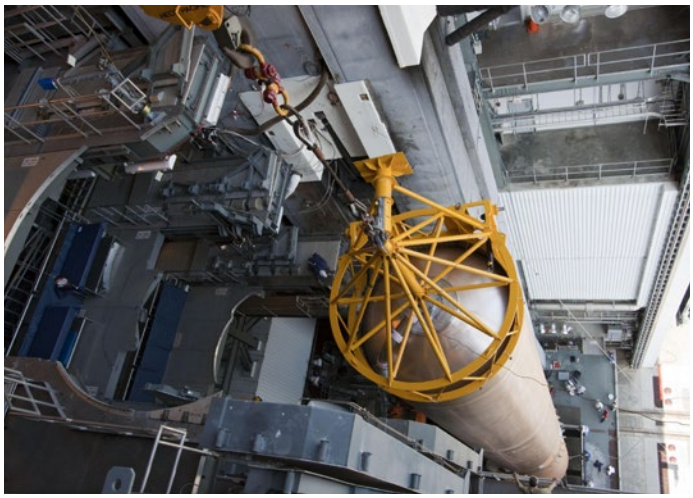
RON CRANE SCALES FOR AEROSPACE

We are proudly celebrating 49 years of excellence in load monitoring and overload prevention systems under our renowned trade names of Ron Crane Scales™ for our single point load monitoring and Ron StageMaster™ and Ron CraneMaster™ for our multi point load monitoring systems.

The systems are used as important safety devices, complementary to lifting equipment for industrial weighing during lifting. As such, they also serve to improve efficiency and reduce manufacturing costs.

The systems are mostly used to weigh heavy mechanical equipment and to make sure that the load is distributed evenly when lifted by several hanging points.

The systems are also used for horizontal force measurement, such as drag force measurement, controlled tensioning of cables, etc.



RON CRANE SCALES FOR AEROSPACE

Eilon Engineering's uncompromising attitude towards safety and quality has gained Ron Crane Scales™ a global reputation of excellence and thousands of repeat customers with high quality and safety requirements like NASA, Boeing, Lockheed Martin, United Launch, Ball aerospace and more.

SYSTEM HIGHLIGHTS:

SAFETY:

Market leading **5 Year Warranty:** High quality and reliability.

Fatigue rated: All Eilon Engineering load cells are Fatigue Rated according to ASME BTH-1 and IEC 61508. Fatigue Rated: Unlimited Number of Load Cycles (Provided capacity is not exceeded).

Reliable transmission technology: Based on decades of experience with the harsh transmission environments of NASA launch sites.

0.1% Accuracy: For early detection of overloads.

Aerospace steel: Manufactured using only high grade steel for load cell bodies.

Shackle holes offset 90 degrees: Reduces bending for increased safety and accuracy.

Proven wireless technology since 1976 with repeat customers such as **NASA, Boeing, Lockheed Martin, Cirque du Soleil, Disney,** and many others.

PERFORMANCE:

Battery life of up to 2000 hours (optional 4000h for Ron 2501) on common disposable batteries.

Transmission range: Up to 3 km / 2 miles (upon request). Standard: 150 m/yds.

Lightweight and portable.

Heavy duty designs with shock absorbing mechanisms.

Minimal headroom loss: Short length ensures minimal headroom loss. No need for additional lifting accessories.

Multiple load cells: 200 load cells per monitoring station.

Large capacities: From 250 kg. and up to 300 tons! - 5:1 and 10:1 safety factors.

Environmental: IP 67/NEMA 4-Weatherproof standard for Ron 2501, optional for all other models.

OUR CUSTOMERS INCLUDE:

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

The wireless Ron 2501 dynamometer is particularly suited to the aerospace 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 CraneMaster 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

GENERAL / INDUSTRIAL LOAD MONITORING

GAS PIPELINE INSTALLATION

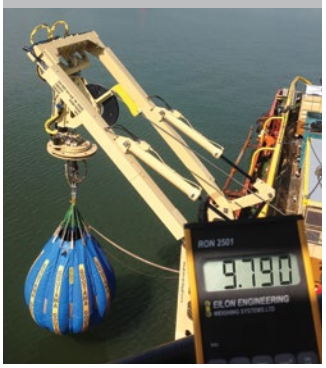
WEIGHING IN FOUNDRIES

BOLLARD PULL

OFFSHORE OIL & GAS

DUAL POINT LOAD MONITORING

PROOF LOAD TESTS



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