

# Ron Crane Scales - Foundry & Steel



 **Eilon Engineering**  
Weighing Systems Ltd.

[www.EilonEngineering.com](http://www.EilonEngineering.com)

Manufacturer of **Ron Crane Scales - Foundry & Steel**



**48**  
Years  
OF MEASURING  
EXCELLENCE



# RON CRANE SCALES FOR FOUNDRY & STEEL

Foundries and other high temperature industries benefit greatly from precision weighing devices designed for extreme temperatures.

Eilon Engineering wireless crane scales are available with a special foundry option package making them suitable for both the extreme temperature environment of a foundry and the fast paced work done within:

1. **Heat Protection:** Thermal fabric jacket and metal heat shields protect the systems and extend the working time of the load cell by delaying the rise in internal temperature.
2. **Internal thermometer:** Allows for careful monitoring of the load cell temperature. Temperature warnings help the operator prevent damage to the load cell.
3. **Averaging display:** Reduces reading instability in an unstable load (e.g. a swinging ladle).

Highly accurate scales make it possible to carefully control the filling of ladles, the composition of metal through small additives foundries resulting in reduced wastage and increased efficiency. Load monitoring systems can also help to prevent dangerous overloads.

**Ron Crane Scales**

Safety  
Quality  
Accuracy  
Reliability

**Weighing During Lifting**

**48**  
Years  
OF MEASURING  
EXCELLENCE

Ron 2501 Wireless

# RON CRANE SCALES FOR FOUNDRY & STEEL

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, GE, Siemens, Ford, Hyundai, Vestas, Samsung, V.Ships, Lockheed Martin, Cirque du Soleil, Disney, Joan Deer, Rolls Royce, ABB, 3M. US Air Force, Exxon Mobil, Honeywell, Schlumberger.

## SYSTEM HIGHLIGHTS: ⌵

### SAFETY: ⌵

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

**Fatigue rated:** All Eilon Engineering load cells are Fatigue Rated. (Unlimited Number of Load Cycles (Provided capacity is not exceeded).

**Meets industry standards:** All Eilon Engineering systems meet the requirement for: **ASME B30.26, ASME BTH-1** and **IEC 61508.**

**Reliable transmission technology:** Based on decades of experience with harsh transmission environments such as those at NASA launch sites.

**0.1% Accuracy** (of full scale): 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: ⌵



The wireless Ron 2501 dynamometer is particularly suited to work in foundries and high temperature industries. It is the smallest, lightest and most versatile dynamometer on the market. Its design ensures that the displayed value is 100% identical to the transmitted value. Ron wireless systems offer market leading battery life and reliable transmission range. The Ron CraneMaster 6000G5 uses a practically unlimited number of wireless load cells easily displayed on a real-time load map.

Ron 2501-H WIRELESS	Ron 2501-S WIRELESS	Ron CraneMaster	Ron Heat Shield
			
<p>Crane Scale with wireless remote display.</p>	<p>Dynamometer with wireless remote display.</p>	<p>Multi Load Cell System</p>	<p>Special isolating fiber and metal plate</p>

## WEIGHING IN FOUNDRIES AND STEEL

