



## Safety Advantages:

- **0.1% Accuracy:** For early detection of overloads.
- **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 means an 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.
- **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 technology since 1976** with repeat customers such as NASA, Boeing, Lockheed Martin, Cirque du Soleil, Disney, TAIT and many others.

## Unmatched performance:

- **Easy and intuitive operation:** Works out of the box, no need for long pre-configuration.
- **Battery life of up to 5000 hours** on common disposable batteries. Transmission once per second.
- **Transmission range:** Up to 3 km / 2 miles (upon request). Standard: 150 m/yds.
- **200 load cells** per monitoring station.
- **Wireless and Wired:** The only load monitoring system to offer wired and wireless load cells with a single receiver.
- **Large capacities:** From 250 kg. and up to 300 tons! 5:1 and 10:1 safety factor.
- **Environmental:** IP 67/NEMA 4-Weatherproof (IP 68 optional).
- **Bluetooth compatibility** with iPhones / iPads (no WiFi required).
- **Heavy duty designs** with shock absorbing mechanisms.
- **Minimal headroom loss:** Short length ensures minimal headroom loss. No need for additional lifting accessories.



**Don't Compromise on Safety!**



# Ron StageMaster™ 6000 G5 Wireless Eilon Classic Load Cell



Capacity

|                 |      |      |     |     |   |    |     |     |   |    |     |     |   |    |   |    |   |    |   |    |
|-----------------|------|------|-----|-----|---|----|-----|-----|---|----|-----|-----|---|----|---|----|---|----|---|----|
| Full range tons | 0.25 | 0.25 | 0.5 | 0.5 | 1 | 1  | 1.5 | 1.5 | 2 | 2  | 2.5 | 2.5 | 3 | 3  | 4 | 4  | 5 | 5  | 6 | 6  |
| Safety factor   | 5    | 10   | 5   | 10  | 5 | 10 | 5   | 10  | 5 | 10 | 5   | 10  | 5 | 10 | 5 | 10 | 5 | 10 | 5 | 10 |

\* Up to 300 ton

# Ron StageMaster™ 5000 G5 Wired Eilon Classic Load Cell



Capacity

|                 |      |      |     |     |   |    |     |     |   |    |     |     |   |    |   |    |   |    |   |    |
|-----------------|------|------|-----|-----|---|----|-----|-----|---|----|-----|-----|---|----|---|----|---|----|---|----|
| Full range tons | 0.25 | 0.25 | 0.5 | 0.5 | 1 | 1  | 1.5 | 1.5 | 2 | 2  | 2.5 | 2.5 | 3 | 3  | 4 | 4  | 5 | 5  | 6 | 6  |
| Safety factor   | 5    | 10   | 5   | 10  | 5 | 10 | 5   | 10  | 5 | 10 | 5   | 10  | 5 | 10 | 5 | 10 | 5 | 10 | 5 | 10 |

\* Up to 300 ton





## Ron StageMaster™ 6000 G5 Wireless Shackle Pin Load Cell



### Capacity

| Capacity tons | 0.5 | 1   | 1.5 | 2   | 2.5 | 3   | 4   | 5   | 6   | 8   | 10  | 12  | 0.5  | 1    | 1.5  | 2    | 2.5  | 3    | 4    | 5    | 6    |
|---------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|------|------|------|------|------|------|------|------|
| Safety factor | 5:1 | 5:1 | 5:1 | 5:1 | 5:1 | 5:1 | 5:1 | 5:1 | 5:1 | 5:1 | 5:1 | 5:1 | 10:1 | 10:1 | 10:1 | 10:1 | 10:1 | 10:1 | 10:1 | 10:1 | 10:1 |







# Monitoring Screen | Units: KG

Total Weight:  
2061KG

PRR



Truss

685

Grid

1376



LDI 2019 - Monitoring Screen | Units: KG

Total Weight:  
1900KG



Max

Tare

Load

Truss

814

Grid

1086



LDI 2019 - Monitoring Screen | Units: KG

Total Weight:  
1516KG



Max

Tare

Load

Truss

649

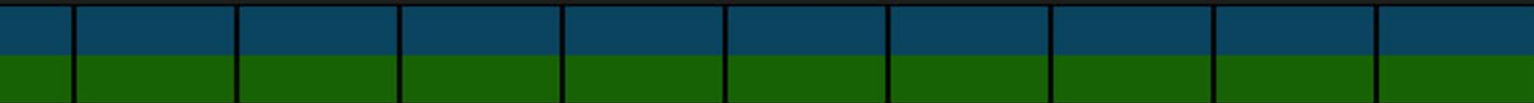
Grid

866



3018  
344



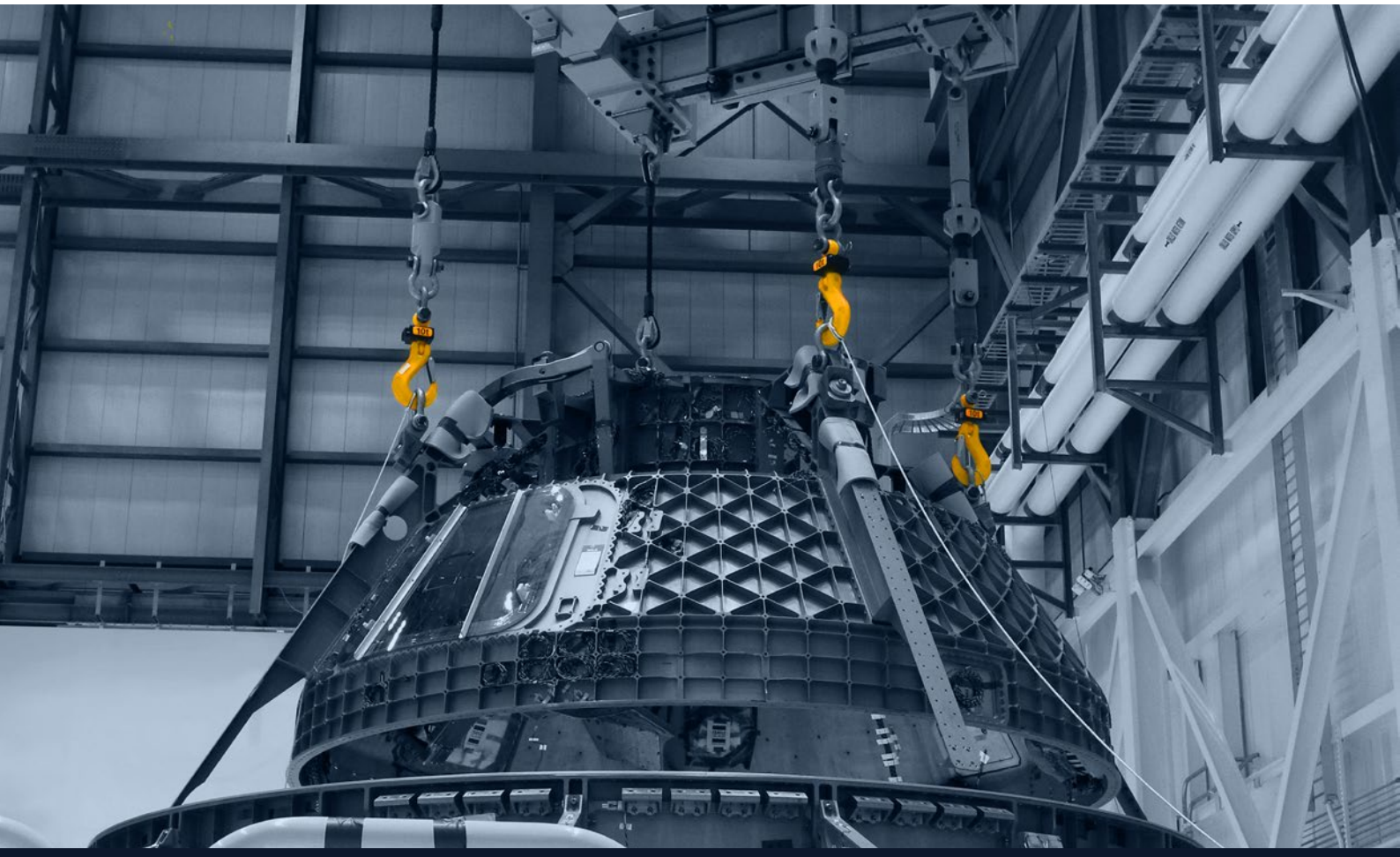


Unit ver 2 - Monitoring Screen (Units KID)

| Unit | Weight | Height | Area | Volume | Mass |
|------|--------|--------|------|--------|------|
| 101  | 100    | 100    | 100  | 100    | 100  |
| 102  | 100    | 100    | 100  | 100    | 100  |
| 103  | 100    | 100    | 100  | 100    | 100  |
| 104  | 100    | 100    | 100  | 100    | 100  |
| 105  | 100    | 100    | 100  | 100    | 100  |
| 106  | 100    | 100    | 100  | 100    | 100  |
| 107  | 100    | 100    | 100  | 100    | 100  |
| 108  | 100    | 100    | 100  | 100    | 100  |
| 109  | 100    | 100    | 100  | 100    | 100  |
| 110  | 100    | 100    | 100  | 100    | 100  |



# Ron StageMaster™ system in use by Boeing and NASA in CST-100 Starliner Project (Crew Space Transportation)



**TAIT**

**PSAV**

**Disney**

**ANC  
GoVISION**



**PRG**

CIRQUE DU SOLEIL



**Orange  
County  
Convention  
Center**

**LOCKHEED MARTIN**

**BOEING**

**ORCLANCY**

**VERLINDE  
LIFTING EQUIPMENT**

**CHÂTEAU DE VERSAILLES**

**BLUE  
MAN  
GROUP**

**THE  
PHANTOM  
OF THE OPERA**

**SAG**

**OLYMPIAPARK  
MÜNCHEN**

**dart  
rigging + projekt  
GmbH**

**THE VENETIAN<sup>®</sup>  
LAS VEGAS**

**AIDA**

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**5  
Year  
warranty**

**49  
Years  
expertise**