

# Chatillon® CTR Series Digital Crane Scale System

Specification Sheet  
SS-CTR-0410  
April 2010

The CHATILLON® CTR Series digital crane scale system is a precision weighing solution for high capacity weighing. The CTR Series consists of a precision weighing sensor and a wireless remote controller/indicator. The CTR Series is available in three capacities from 6600 lbs to 66,000 lbs (3000 to 30,000 kg). All CTR Series have a measurement accuracy of better than 0.2% full scale. The system displays measured values in either pounds (lbs) or kilograms (kg) on its remote indicator/controller that can be up to 100 ft (30 m) away from the measuring head. The CTR Series is powered using rechargeable battery pack. The scale can display the peak weight with the manual hold key. You may add accessories and tare out their weight up to 100% of the scale's rated capacity. The remote indicator/controller lets you change units, clear measurements, zero and tare out weight.

The CTR Series scale is supplied with hanging loop, S-hook, remote indicator/controller, charger/adaptor with US, EU and UK plug adapter. The CTR Series is supplied with a Certificate of Conformance. An optionally available Certificate of Calibration with NIST is available.

## Features

- Displays LB and Kg units of measure
- Rugged, Cast Aluminum Weighing Sensor
- Bright, Backlighted LCD Remote Indicator/Controller
- Wireless Remote Indicator can be located up to 100 ft (30 m) away from the measuring head
- Hold Weigh Capture
- 150% Safety Overload (500% Ultimate Overload)
- Rechargeable Battery
- 1 Year Warranty

## Standard Accessories

Top Holding Loop  
Bottom Swivel Hook (Permanently attached)  
Battery Charger/Adapter  
Remote Controller/Indicator  
Certificate of Conformance  
User Guide



Show the CMA Remote Indicator



**AMETEK®** | **Chatillon®**  
Precision Weighing

## Ordering

### CTR Series w/ Conformance Cert

Model	Capacity	Capacity
CTR-6K	6600 lb x 1 lb	3000 kg x 0.5 kg
CTR-11K	11,000 lb x 2 lb	5000 kg x 1 kg
CTR-22K	22,000 lb x 5 lb	10,000 kg x 2 kg
CTR-33K	33,000 lb x 10 lb	15,000 kg x 5 kg
CTR-44K	44,000 lb x 20 lb	20,000 kg x 10 kg
CTR-66K	66,000 lb x 20 lb	30,000 kg x 10 kg

### CTR Series w/ NIST Cert

Model	Capacity	Capacity
CTR-6K-N	6600 lb x 1 lb	3000 kg x 0.5 kg
CTR-11K-N	11,000 lb x 2 lb	5000 kg x 1 kg
CTR-22K-N	22,000 lb x 5 lb	10,000 kg x 2 kg
CTR-33K-N	33,000 lb x 10 lb	15,000 kg x 5 kg
CTR-44K-N	44,000 lb x 20 lb	20,000 kg x 10 kg
CTR-66K-N	66,000 lb x 20 lb	30,000 kg x 10 kg

### Accessories

Part No.	Description
CMAI	Remote Controller
MA-Loop-S	Top Loop, 2000 lb capacity
MA-Loop-L	Top Loop, 5000 lb capacity
MA-Loop-X	Top Loop, 22,000 lb capacity
MA-Hook-S	Hook, 2000 lb capacity
MA-Hook-L	Hook, 5000 lb capacity
MA-Hook-X	Hook, 66,000 lb capacity
MA-Power	Charger/Adapter, Universal

### Specifications - Weigh Sensor

**Accuracy:** Better than 0.2% of full scale

**Safe Overload:** 150% of rated capacity

**Ultimate Overload:** 500% of rated capacity

**Display:** None

**Data Sampling Rate:** 60Hz

**Power:** Rechargeable Battery

Continuous Operation: 70 hrs (typical)

**Operating Temperature:** 32° to 104°F (0° to 40°C)

**Storage Temperature:** -4° to 104°F (-20° to 40°C)

**Relative Humidity:** 0 to 85%

**RoHS Compliant:** Yes

**WEEE Compliant:** Yes

### Specifications - Indicator

**Enclosure:** NEMA 3

**Display:** Backlighted, LCD

**Display Update Rate:** 15 Hz

**Antenna:** Integral

**Antenna Range:** 100 ft (30 m)

**Frequency:** 429-433MHz

**Output Level:** 10 mW

**Battery Life:** 30 hrs (estimated continuous)

**Operating Temperature:** 32° to 104°F (0° to 40°C)

**Storage Temperature:** -4° to 104°F (-20° to 40°C)

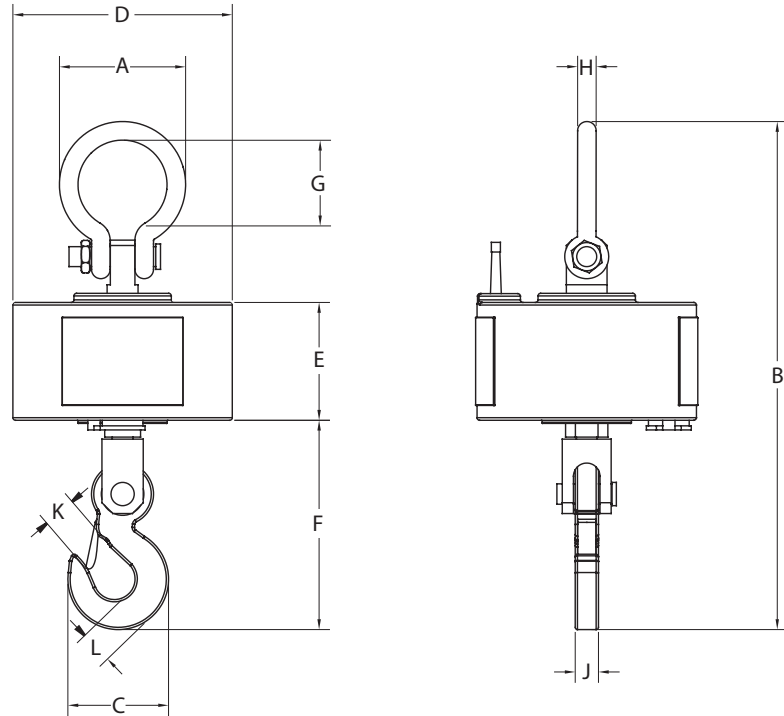
**Relative Humidity:** 0 to 85%

**Connectors:** 9-pin

**RoHS Compliant:** Yes

**WEEE Compliant:** Yes

### Dimensions



Inches												Instrument	Shipping
Model	A	B	C	D	E	F	G	H	J	K	L	Weight	Weight
CTR-6K	5.31"	25.60"	5.11"	11.00"	5.70"	10.70"	3.15"	0.94"	1.44"	1.58"	1.75"	66 lbs (30kg)	72 lbs (33 kg)
CTR-11K	5.12"	28.35"	5.98"	10.63"	5.83"	12.99"	2.76"	1.10"	1.44"	2.08"	2.17"	130 lbs (59kg)	139 lbs (63 kg)
CTR-22K	6.30"	33.86"	7.28"	10.63"	6.62"	16.14"	3.54"	1.38"	1.77"	2.52"	2.56"	170 lbs (77kg)	190 lbs (86 kg)
CTR-33K													
CTR-44K													
CTR-66K													

mm												Instrument	Shipping
Model	A	B	C	D	E	F	G	H	J	K	L	Weight	Weight
CTR-6K	135	650	130	280	145	272	80	24	36	40	44	66 lbs (30kg)	72 lbs (33 kg)
CTR-11K	130	720	152	270	148	330	70	28	36	52	55	130 lbs (59kg)	139 lbs (63 kg)
CTR-22K	160	860	185	270	168	410	90	35	45	64	65	170 lbs (77kg)	190 lbs (86 kg)
CTR-33K													
CTR-44K													
CTR-66K													

Note: Weights are approximate.



## MEASUREMENT & CALIBRATION TECHNOLOGIES

For the authorized Chatillon Distributor or Manufacturer's Representative near you, go to [www.chatillon.com](http://www.chatillon.com)

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Manufacturer