

MSI-4260 Specifications and Dimensions

The MSI-4260 crane scale is an ideal unit for heavy-duty applications.

For heavy-duty applications requiring remote radio telemetry display and/or computer interface, MSI recommends specifying MSI-6260CS or MSI-9300.

CR = Crosby or equivalent

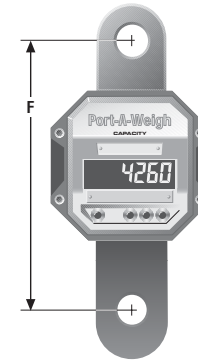
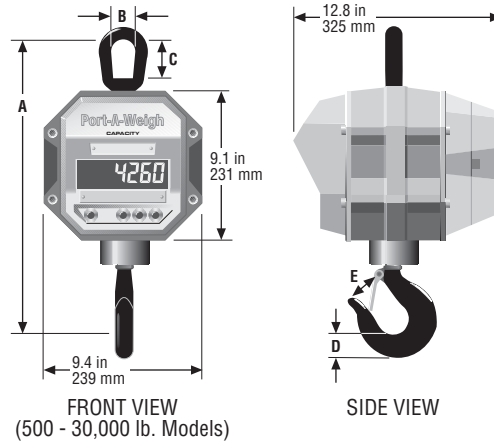
* These dimensions also apply to 50/70/100,000 lb units with hook and shackle.

** Resolution subject to change for NIST and OIML approved units

*** Ultimate overload: 490% of kg capacity

**** Ultimate overload: 475% of lb capacity / 430% of kg capacity

***** Ultimate overload: 450% of kg capacity



FRONT VIEW
(50/70/100,000 lb. Models)

Note: Unit comes standard with top shackle and bottom swivel hook.

| CAPACITY | RESOLUTION** | A* | B* | C* | D* | E* | F | HOOK | EYE NUT OR SHACKLE | APPROX. SHIP WT. |
|------------|--------------|---------|-------|------|------|------|-------|-----------------|--------------------|------------------|
| 500 lb | 0.2 lb | 18.3 in | 2.25 | 3.06 | 1.44 | 1.41 | - | 5 ton alloy | CR # 7 | 53 lb |
| 250 kg | 0.1 kg | 465 mm | 57.1 | 77.7 | 37.0 | 36.0 | - | swivel | eye nut | 24 kg |
| 2,000 lb | 1 lb | 18.3 in | 2.25 | 3.06 | 1.44 | 1.41 | - | 5 ton alloy | CR # 7 | 53 lb |
| 1,000 kg | 0.5 kg | 465 mm | 57.1 | 77.7 | 37.0 | 36.0 | - | swivel | eye nut | 24 kg |
| 5,000 lb | 1 lb | 20.5 in | 2.50 | 3.50 | 1.81 | 1.69 | - | 7 ton alloy | CR #8 | 62 lb |
| 2,500 kg | 0.5 kg | 521 mm | 64.0 | 89.0 | 46.0 | 42.9 | - | swivel | eye nut | 28 kg |
| 10,000 lb | 2 lb | 20.5 in | 2.50 | 3.50 | 1.81 | 1.69 | - | 7 ton alloy | CR # 8 | 62 lb |
| 5,000 kg | 1 kg | 521 mm | 64.0 | 89.0 | 46.0 | 42.9 | - | swivel | eye nut | 28 kg |
| 20,000 lb | 5 lb | 28.5 in | 4.00 | 6.25 | 2.62 | 2.41 | - | 15 ton alloy | CR # 11 | 105 lb |
| 10,000 kg | 2 kg | 724 mm | 101.6 | 159 | 66.5 | 61.2 | - | swivel | eye nut | 47 kg |
| 30,000 lb | 10 lb | 30.0 in | 4.00 | 6.25 | 3.00 | 3.19 | - | 22 ton alloy | CR # 11 | 125 lb |
| 15,000 kg | 5 kg | 762 mm | 101.6 | 159 | 76.2 | 81.0 | - | swivel | eye nut | 55 kg |
| 50,000 lb | 10 lb | 41.0 in | 5.00 | 6.00 | 3.62 | 3.63 | 15.0 | 30 ton alloy | CR 25 ton | 235 lb |
| 25,000 kg | 5 kg | 1041 mm | 127 | 152 | 92.0 | 92.0 | 381 | swivel *** | shackle # 2130 | 106 kg |
| 70,000 lb | 20 lb | 43.2 in | 5.00 | 6.00 | 4.56 | 3.75 | 15.0 | 37 ton alloy | CR 40 ton | 270 lb |
| 35,000 kg | 10 kg | 1097 mm | 127 | 152 | 116 | 95.0 | 381 | swivel **** | shackle # 2140 | 121 kg |
| 100,000 lb | 20 lb | 52.1 in | 5.75 | 6.65 | 5.06 | 4.25 | 16.25 | CR 45 ton | CR 55 ton | 420 lb |
| 50,000 kg | 10 kg | 1324 mm | 146 | 169 | 129 | 108 | 413 | S1 swivel ***** | shackle # 2140 | 189 kg |

CONSULT FACTORY FOR HIGHER CAPACITIES – See MSI-9300HT Specification Sheet for applications that require fixed hooks and/or use with powered rotators.

Specifications

Accuracy: ± 0.1% of applied load ± 1d

Enclosure: NEMA 4, IP66 marine grade 356 alloy

Hook: Crosby thrust bearing swivel hook or equivalent

Safe Overload:

200% of rated capacity

Ultimate Overload:

500% of rated capacity (except as noted)

Operating Temperature Range:

14° to +140°F (-10° to +60°C)

Display: 5 digit, 1.2in (30mm) high numeric LED with selectable brightness control

Annunciators:

Low Battery, Peak Hold, Motion, Center of Zero, Net, Gross, Total, Units (lb/kg), X 1000, SP1 and SP2

Power: 12 volt rechargeable battery (includes 115-230 VAC, 50-60 Hz universal battery charger)

Operating Time:

100+ hours depending on brightness settings and average number of segments "On"

Units: Pounds or Kilograms selectable

Service Counter:

Registers number of lifts by value for inspection and maintenance reminder

Auto-Off Mode:

Select for 12 minutes, 1 hour or Off

Auto-Sleep Mode:

Power down during non-use and power up with motion for maximum battery conservation

Function Switches

POWER: Turns unit ON or OFF

ZERO: Zeros applied load up to 100% of capacity (limited range with NTEP option)

TARE: Tares applied load and displays weight in Net mode and returns unit to Gross Mode

F1: User programmable function switch for use as Test, Net/Gross, Unit Select, Total (auto or manual), Peak Hold and scale setup menus

Options

- NTEP approved for use in commercial trade (contact factory for U.S. and International specifications)
- Substitute shackle for bottom swivel hook (possible headroom loss reduction)
- Oversized top lifting eye or shackle
- Universal direct power supply: 85-265 VAC, 47-440 Hz/130-300 VDC
- Heat shield for high temperature applications (contact factory for operating specifications)
- Factory Mutual Approved (intrinsically safe for use in hazardous environments):

Class I, II, III

DIV. 1, Group C, D, E, F, & G

DIV. 2, Group A, B, C, D, & G

- RF remote controller - includes On/Off, Zero, Tare, Net/Gross, Total, View Sum, and programmable function keys

Other Heavy-Duty MSI Crane Scales

For wireless RF Crane Scale Solutions, see MSI-6260CS and MSI-9300 Product Specifications



"We weigh quality first"



Specifications subject to change without notice.

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