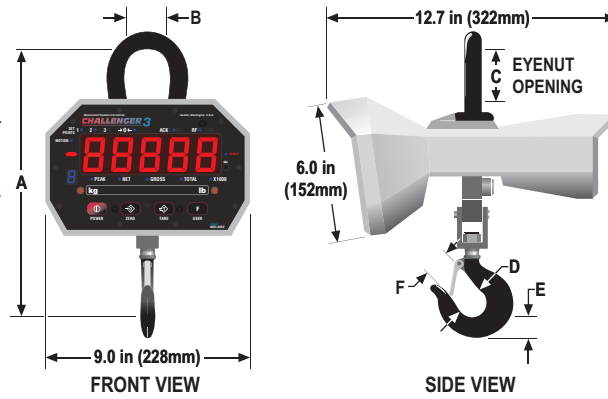


MSI-3460 Challenger 3 Specifications

The MSI-3460 Crane Scale is an ideal unit for light capacity use by the cost conscious user. For higher capacities, heavy-duty, outdoor and continuous production use, MSI recommends MSI-4260, MSI-4300, MSI-6260CS or MSI-9300.



Note: 15,000 lb (7,500 kg) unit comes standard with 12 ton top shackle.

Capacity	Resolution	A	B	C	D	E	F	Approximate Shipping Weight
250 lb	0.1 lb	11.94 in	2.0 in	2.45 in	1.63 in	1.14 in	1.16 in	22 lb
125 kg	.05 kg	303 mm	51 mm	62 mm	41 mm	29 mm	29 mm	10 kg
500 lb	0.2 lb	11.94 in	2.0 in	2.45 in	1.63 in	1.14 in	1.16 in	22 lb
250 kg	0.1 kg	303 mm	51 mm	62 mm	41 mm	29 mm	29 mm	10 kg
1,000 lb	0.5 lb	11.94 in	2.0 in	2.45 in	1.63 in	1.14 in	1.16 in	22 lb
500 kg	0.2 kg	303 mm	51 mm	62 mm	41 mm	29 mm	29 mm	10 kg
2,000 lb	1.0 lb	11.94 in	2.0 in	2.45 in	1.63 in	1.14 in	1.16 in	22 lb
1,000 kg	0.5 kg	303 mm	51 mm	62 mm	41 mm	29 mm	29 mm	10 kg
5,000 lb	2.0 lb	16.67 in	2.45 in	3.40 in	2.5 in	1.81 in	1.61 in	39 lb
2,500 kg	1.0 kg	423 mm	62 mm	86 mm	64 mm	46 mm	41 mm	18 kg
10,000 lb	5.0 lb	16.67 in	2.45 in	3.40 in	2.5 in	1.81 in	1.61 in	39 lb
5,000 kg	2.0 kg	423 mm	62 mm	86 mm	64 mm	46 mm	41 mm	18 kgs
15,000 lb	5.0 lb	21.65 in	3.25 in	4.28 in	3.00 in	2.26 in	2.08 in	67 lb
7,500 kg	2.0 kg	550 mm	83 mm	109 mm	76 mm	57 mm	53 mm	30 kg

Consult factory for higher capacities

Standard Product Specifications

- Accuracy:** ± (0.1% +1d) of reading
- Display:** 5 digit, 1.5 inch (38 mm) high LED; programmable brightness control
- Filtering:** Off, Lo, Hi-1, Hi-2 selectable
- Units:** Pounds or Kilograms selectable
- Resolution:** 2000 or 3500 divisions standard (up to 10,000 available)
- Power:** 6 Volt Rechargeable Battery (115/230 VAC Rapid Charge Battery Charger included)
- Operating Time:** Up to 100 hours depending on programmed operating mode
- Auto-Off Mode:** Select for 15, 30, 45, 60 minutes or Off
- Auto-Sleep Mode:** Power down during non-use and power up with weight change or any key press for battery conservation
- Service Counter:** Maintains two counters. The first counts number of lifts for inspection reminders and second counts overloads for safety warnings
- Operating Temperature Range:** -4° to +122°F (-20° to +50°C)
- Enclosure:** NEMA 4/IP65, powder coated Alodined Cast Aluminum corrosion resistant
- Hook:** Crosby 360° non-bearing swivel
- Safe Overload:** 200% of rated capacity
- Ultimate Overload:** 500% of rated capacity


Function Switches and Lights


- POWER:** Turns unit ON or OFF
- ZERO:** Zeros applied load up to 100% of capacity (limited range with NTEP and OIML configuration)
- TARE:** Tares applied load and displays weight in Net mode.
- USER:** User programmable multifunction switch for use as TEST, UNIT select, NET/GROSS, TOTAL (auto or manual), PEAK HOLD and SET POINTS
- ANNUNCIATORS:** COZ (Center of Zero), Net, Gross, Total, Peak, Low Battery, lb/kg, Motion, SP1, SP2, SP3, ACK IN, ACK OUT, RF
- CALIBRATION:** Digital. User selectable pushbutton


Options and Accessories

- RF Remote Controller (typical range 50 feet (15 m))
- Universal Direct Power Supply (115/230 VAC)
- Audible Set Point Alarm
- Spare Battery and Battery Charger
- Retrofit Kit: Upgrades Models MSI-3260 and MSI-3360 to a MSI-3460

Other Heavy-Duty MSI Crane Scales

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◀ For heavy-duty, high heat or hazardous use applications, see MSI-4260 Port-A-Weigh specification sheet.
Capacities from 500 lb to 500,000 lb (250kg to 250,000kg).
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◀ For heavy-duty and multi-task applications, see MSI-4300 Porta-Weigh Plus specification sheet.
Capacities from 500 lb to 500,000 lb (250kg to 250,000kg).
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◀ For heavy-duty applications requiring remote radio telemetry display and/or remote computer/printer interface, see MSI-9300 Porta-Weigh Plus specification sheet.
Capacities from 500 lb to 500,000 lb (250kg to 250,000kg).



Specifications subject to change without notice.
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