

MSI-3460 Challenger 3

Crane Scale

CRANE SCALES



Approvals



Standard Features

- Multi-color LED display
- Top lifting eye and bottom swivel hook
- Crosby® or equivalent with 360° non-bearing swivel hook
- Lb/kg switch selectable
- Six volt rechargeable battery and universal 115/230 VAC, 50/60 Hz battery charger (NA plug standard)
- Meets or exceeds OSHA, ANSI, ASME and other safety design standards (5:1 Ultimate Safety Factor)
- NTEP Certified (250 to 10,000 lb capacities)

Part Number/Price

| Part # | Description | Est. Weight | Price |
|--------|-----------------------------------------------------|-------------|---------|
| 207063 | 250 lb (125 kg) 0.1 lb (0.05 kg) | 22 lb | Consult |
| 208091 | 500 lb (250 kg) 0.2 lb (0.1 kg) | 22 lb | Consult |
| 207064 | 1,000 lb (500 kg) 0.5 lb (0.2 kg) | 22 lb | Consult |
| 208138 | 2,000 lb (1,000 kg) 1 lb (0.5 kg) | 22 lb | Consult |
| 207065 | 5,000 lb (2,500 kg) 2 lb (1 kg) | 39 lb | Consult |
| 208092 | 10,000 lb (5,000 kg) 5 lb (2 kg) | 39 lb | Consult |
| 207067 | 15,000 lb (7,000 kg) 5 lb (2 kg) | 67 lb | Consult |
| 207633 | 250 lb (125 kg), RF Modem 0.1 lb (0.05 kg) | 22 lb | Consult |
| 208096 | 500 lb (250 kg), RF Modem 0.2 lb (0.1 kg) 22 lb | 22 lb | Consult |
| 207635 | 1,000 lb (500 kg), RF Modem 0.5 lb (0.2 kg) 22 lb | 22 lb | Consult |
| 208140 | 2,000 lb (1,000 kg), RF Modem 1 lb (0.5 kg) | 22 lb | Consult |
| 207637 | 5,000 lb (2,500 kg), RF Modem 2 lb (1 kg) 39 lb | 39 lb | Consult |
| 208098 | 10,000 lb (5,000 kg), RF Modem 5 lb (2 kg) 39 lb | 39 lb | Consult |
| 207639 | 15,000 lb (7,000 kg), RF Modem 5 lb (2 kg) 67 lb | 67 lb | Consult |
| 207640 | 250 lb (125 kg), with Wi-Fi 0.1 lb (0.05 kg) 22 lb | 22 lb | Consult |
| 208100 | 500 lb (250 kg), with Wi-Fi 0.2 lb (0.1 kg) 22 lb | 22 lb | Consult |
| 207642 | 1,000 lb (500 kg), with Wi-Fi 0.5 lb (0.2 kg) 22 lb | 22 lb | Consult |
| 208141 | 2,000 lb (1,000 kg), with Wi-Fi 1 lb (0.5 kg) 22 lb | 22 lb | Consult |
| 207644 | 5,000 lb (2,500 kg), with Wi-Fi 2 lb (1 kg) 39 lb | 39 lb | Consult |
| 208102 | 10,000 lb (5,000 kg), with Wi-Fi 5 lb (2 kg) 39 lb | 39 lb | Consult |
| 207646 | 15,000 lb (7,000 kg), with Wi-Fi 5 lb (2 kg) | 67 lb | Consult |

*Please review the Overhead Weighing Safety Guide

Options

(Contact MSI for application consultation)

- RF modem install for connectivity to MSI-8000, MSI-8000HD RF, MSI-8004HD RF remote display, TranSend™ and LaserLight2™ remote display (Typical range 100-300 ft line of sight)
- Rugged Remote (Requires 3460RF version, typical range 50 ft line of sight)
- Universal direct power supply (115/230 VAC)
- Audible alarm
- Wi-Fi communication is available for specialty applications

Specifications

Power:

6 volt rechargeable battery. 115/230 VAC battery charger is included

Resolution:

2,500 d max standard
(up to 10,000 d max non-standard)

Accuracy:

±0.1% (+1 d) of applied load

Annunciators:

COZ, net, gross, to tal, peak, low battery, lb/kg, motion, setpoints, ACK IN, ACK OUT, RF

Display:

Five-digit, 1.5 in (38 mm) LED with programmable brightness control; toggle between red, orange, green digits

Displayable Units:

Pounds or kilogram selectable

Keys/Buttons:

Power, zero, tare, user (programmable)

Temperature:

Certified: 14 °F to 104 °F (-10 °C to 40 °C)
Operating: -40 °F to 104 °F (-40 °C to 40 °C)

Rating/Material:

NEMA 4, IP65, powder coated cast aluminum

Design Overload:

200% Safe/500% Ultimate

Operating Time:

Up to 80 hours between charging with typical use.
Less with optional RF model link

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

Service Counters:

Counts number of lifts over percentage of capacity and lifts over capacity

Filtering:

OFF, LO, HI-1, HI-2 selectable

Warranty:

One-year limited

Approvals:

NTEP 86-021: 250 to 10,000 lb
OIML R76/2006-A-NL1-21.36
CE
UKCA

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Options/Accessories

| Part # | Description | Est. Weight | Price |
|---------|-----------------------------------------------------------------------------------------------|-------------|---------|
| 140049 | Battery assembly, 6 volt rechargeable | 3 lb | Consult |
| 139152 | Universal 115/230 VAC, 50/60 Hz battery charger (NA plug standard) | 5 lb | Consult |
| 139153 | Battery charger, 115/230 VAC, 50/60 Hz (EU, Type 3 plug standard) | 5 lb | Consult |
| 197201 | Battery charger, 115 VAC, 50/60 Hz (NA plug standard) CEC compliant | 5 lb | Consult |
| 149549 | Universal 115/230 VAC 50/60 Hz (NA plug standard) battery charger for MSI-8000 remote display | 3 lb | Consult |
| 178004 | LaserLight2, 4 in (100 mm) six-digit RF scoreboard (requires MSI-3460 with RF modem) | 21 lb | Consult |
| 178006 | LaserLight2, 6 in (150 mm) six-digit RF scoreboard (requires MSI-3460 with RF modem) | 37 lb | Consult |
| Consult | AC power supply | - | Consult |
| 140058 | AC conversion kit | 1 lb | Consult |
| Consult | Audible alarm | - | Consult |
| 222746 | Retrofit kit | 3 lb | Consult |
| 173014 | Rugged Remote control (requires MSI-3460 with RF modem) | 3 lb | Consult |
| 139381 | MSI-8000 RF remote display (requires MSI-3460 with RF modem) | 5 lb | Consult |
| 153591 | MSI-8000HD ScaleCore RF remote display (requires MSI-3460 with RF modem) | - | Consult |
| 178281 | MSI-8004HD AC, red/green 85~264 VAC, 47~440 Hz, 120~370 VDC | - | Consult |

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