

M S I - 4 2 6 0

PORT-A-WEIGH

E L E C T R O N I C C R A N E S C A L E S

Simple and user friendly, the Port-A-Weigh crane scale family provides amazing versatility combined with an unrivaled standard feature set:

- Rugged, Marine Grade 356 Alloy Cast Aluminum Enclosure Sealed to NEMA 4/IP 66
- 5 Digit, 1.2in (30mm) LED Display; visible from over 60ft (18.3m)
- Sealed Front Panel Switches
- 100+ Hour Battery Life (battery charger included)
- 9 Standard Capacity Ranges Available
- NTEP Legal for Trade Approved; up to 70,000lb (35,000kg)
- Advanced 20 Bit A/D Converter and 16 Bit Processor
- High Resolution (2500-5000 divisions standard, up to 10,000 available)
- Full Digital Calibration ($\pm 0.1\%$ accuracy)
- Auto-Off and Auto-Sleep Modes
- Safety Service Counter (periodic inspection and maintenance reminders)
- Programmable Features – Totalizing, Peak Hold, Set Points, Units, Filtering and Self-Test
- Optional Full-Function RF Remote Controller
- Optional Factory Mutual Approved Version (intrinsically safe for use in hazardous locations)



Industry's Original Standard for Accurate, Reliable and Safe Overhead Weighing



When introduced in 1980, the MSI-4260 "Port-A-Weigh" promptly established the original industry standard for an accurate, reliable and safe solution for overhead crane weighing and material handling. After decades of production, added technology advancements and thousands of worldwide installations, Port-A-Weigh continues to set the standard by which all other crane scales are measured.

Since 1977, MSI's reputation stands as the

foremost designer and manufacturer of digital crane scales and overhead weighing solutions. Along with Port-A-Weigh, the MSI product offering features the most comprehensive line of industrial crane scales for all types and capacity cranes and hoists.

Our worldwide network of factory-authorized distributors provides quality sales, service and installation of MSI equipment. Your local distributor can

present free product demonstrations and provide answers for your specific weighing application.

If you would like additional information on the MSI-4260 Port-A-Weigh, other MSI products or to locate the distributor nearest you, please contact MSI at 206-433-0199, toll free at 800-874-4320 (USA and Canada) or visit our website at www.msiscales.com.

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

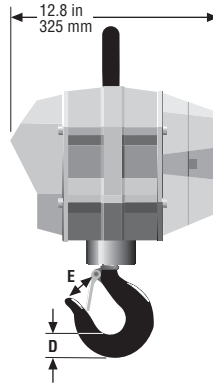
*** Ultimate overload: 490% of kg capacity

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

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



FRONT VIEW
(500 - 30,000 lb. Models)



SIDE VIEW



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 ± ld

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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