

## MSI-6260 Trans-Weigh Crane Scales

PRACTICAL SOLUTIONS FOR THE WAY YOU WEIGH.

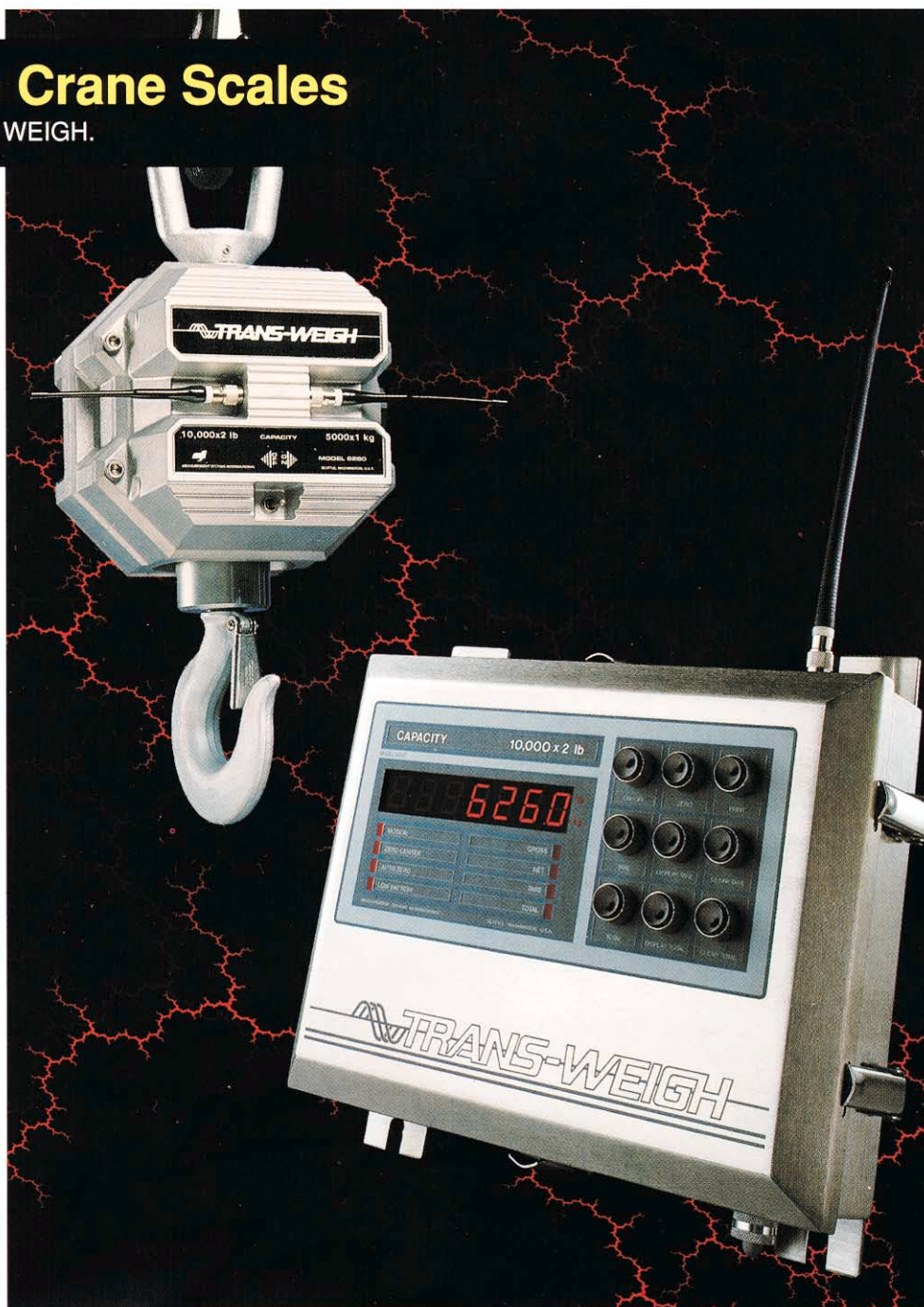
### Today's automated approach to overhead weighing

The MSI-6260 Trans-Weigh radio telemetry crane scale provides weighing solutions where other systems fail. It offers you the safety and efficiency of wireless, remote weight displays for virtually any overhead weighing/tension application. That makes it an ideal solution when conditions prohibit operator access or visibility to a scale below the hook. With a transmission distance up to 300 ft. (90 m), you can place the indicator in a safe and convenient location. It expands system versatility by enabling connections to printers, computers, data recorders and scoreboards. Unlike other systems, Trans-Weigh does not require an end user F.C.C. license.

Designed to excel in harsh industrial environments, Trans-Weigh's components meet NEMA IV standards for watertight integrity. The crane unit's rugged aluminum housing also resists corrosion, extreme heat and EMI environments. You can weigh loads with an accuracy of 0.1% of the applied load.

MSI is committed to satisfying its customers. If you have a unique weighing application, remember that MSI can provide solutions for virtually any overhead tension measuring application: extreme high capacity; customized load cell interfaces to minimize headroom loss or adapt unusual fittings; and complete weighing systems.

With more than two decades of experience in the weighing and force measurement industry, MSI remains the premier manufacturer of electronic crane scales. Quality sales, installation and service is provided through MSI's worldwide network of factory-trained representatives. Trans-Weigh is backed by a one-year warranty, and is guaranteed to perform to your highest expectations.



*If you would like additional information on the MSI-6260 Trans-Weigh or other quality weighing products, you can call or write MSI, or browse the company's web site at "www.msiscales.com".*



**Measurement Systems International**

# MSI-6260 TRANS-WEIGH CRANE SCALE • SPECIFICATIONS

For self-contained, direct display and heavy duty requirements, see MSI-4260 Port-A-Weigh and MSI-4300 Porta-Weigh Plus specification sheets.

For light duty requirements, see MSI-3360 Challenger 2 specification sheet.

Contact factory for higher capacities.

CR = Crosby or equivalent.

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

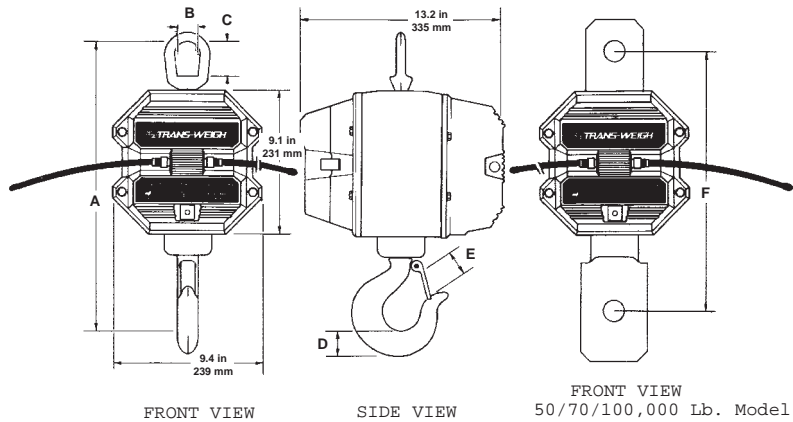
\*\* Resolution subject to change for NIST approved units.

\*\*\* Ultimate overload: 490% of kg capacity.

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

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

Specifications subject to change without notice.



CAPACITY	RESOLUTION	A*	B*	C*	D*	E*	F	HOOK	EYE NUT OR SHACKLE	CRANE UNIT	APPROX. SHIP WT.
500 lb	0.2 lb	18.3 in	2.25	3.06	1.44	1.34	-	3 ton	CR #7	53 lb	78 lb
250 kg	0.1 kg	465 mm	57.1	77.7	37.0	34.0	-	Swivel	Eye Nut	23 kg	35 kg
2,000 lb	1 lb	18.3 in	2.25	3.06	1.44	1.34	-	3 ton	CR #7	53 lb	78 lb
1,000 kg	0.5 kg	465 mm	57.1	77.7	37.0	34.0	-	Swivel	Eye Nut	24 kg	35 kg
5,000 lb	1 lb	20.5 in	2.50	3.50	1.81	1.69	-	5 ton	CR #8	62 lb	87 lb
2,500 kg	0.5 kg	521 mm	64.0	89.0	46.0	42.9	-	Swivel	Eye Nut	28 kg	39 kg
10,000 lb	2 lb	20.5 in	2.50	3.50	1.81	1.69	-	5 ton	CR #8	62 lb	87 lb
5,000 kg	1 kg	521 mm	64.0	89.0	46.0	42.9	-	Swivel	Eye Nut	28 kg	39 kg
20,000 lb	5 lb	28.5 in	4.00	6.25	2.59	2.25	-	10 ton	CR #11	105 lb	130 lb
10,000 kg	2 kg	724 mm	101.6	159	65.8	57.2	-	Swivel	Eye Nut	47 kg	58 kg
30,000 lb	10 lb	30.0 in	4.00	6.25	2.97	3.00	-	15 ton	CR #11	125 lb	150 lb
15,000 kg	5 kg	762 mm	101.6	159	75.0	76.2	-	Swivel	Eye Nut	55 kg	67 kg
50,000 lb	10 lb	41.0 in	5.00	6.00	3.62	3.63	15.0	25 ton	CR 25 ton	235 lb	260 lb
25,000 kg	5 kg	1041 mm	127	152	92.0	92.0	381	Swivel***	Shackle #2130	106 kg	117 kg
70,000 lb	20 lb	43.2 in	5.00	6.00	4.56	3.75	15.0	35 ton	CR 40 ton	270 lb	295 lb
35,000 kg	10 kg	1097 mm	127	152	116	95.0	381	Swivel****	Shackle #2140	121 kg	133 kg
100,000 lb	20 lb	52.1 in	5.75	6.65	5.06	4.25	16.25	CR 45 ton	CR 50 ton	420 lb	445 lb
50,000 kg	10 kg	1323 mm	146	169	129	108	413	S1 Swivel*****	Shackle #2140	189 kg	200 kg

CONSULT FACTORY FOR HIGHER CAPACITIES. SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE.

## STANDARD SYSTEM SPECIFICATIONS

Accuracy: Plus or minus 0.1% applied load  
Update Rate:

0.4 second

Operating Temperature Range:

-4 to +140 F° / -20 to +60 C°

Operating Frequency:

49.86 MHz unlicensed user operation under Part 15 of F.C.C. Rules and Regulations. Weight data is frequency modulated and includes error detection for reliable data transmission in high EMI environments.

Operating Range:

300 ft. / 90m typical

## STANDARD INDICATOR FEATURES

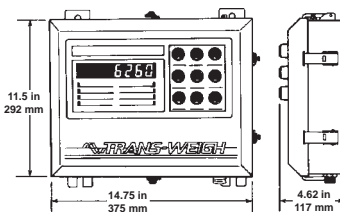
Display: 7 digit 0.8 in./20 mm high LED, annunciator lamps for: motion, center of zero, auto zero maintenance, low battery, gross, net, tare and total.

Power: 115 VAC, 50/60 Hz

Function Switches:

On/Off, Zero, Print, Tare, Display Tare, Clear Tare, Total, Display Total, Clear Total

Enclosure: NEMA IV / IP65, stainless steel



Data Output:

20 mA current loop

## STANDARD CRANE UNIT FEATURES

Enclosure: NEMA IV / IP65, anodized cast aluminum

Power: 12 Volt lead acid rechargeable battery; 50 hours between charges (battery charger included)

Safe Overload:

200% of rated capacity

Ultimate Overload:

500% of rated capacity (except as noted above)

Hook: Timken swivel bearing, Crosby hook or equivalent

Top Eye Nut:

Crosby or equivalent on 500 through 30,000 pound capacities

Top Shackle:

25, 40 and 50 ton capacity Crosby or equivalent

## INDICATOR OPTIONS

- Power: 12 VDC - 250 VDC or 230 VAC
- Data Output: RS232C or RS423
- Multiple Operating Frequencies: Up to 5 within 1000 foot radius
- UHF frequency
- Internal battery

## CRANE UNIT OPTIONS

- 230 VAC battery charger
- Substitute shackle for bottom swivel hook
- Oversized top lifting eye or shackle
- Remote load cell input and summing
- EMI shield (recommended for above magnet applications)
- Heat shield (high temperature applications - contact factory for operating specifications)
- Uninterruptible direct 115 or 230 VAC power supply
- Uninterruptible 12-250 VDC power supply (specify voltage)



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