



HEAVY-DUTY VEHICLE SCALES



EWM SERIES CONTAINERIZED SCALES

- Engineered with State-of-the-Art Robotics
- Superior Steel Strength and Machined Precision

EWM SERIES CONTAINERIZED VEHICLE SCALES

The EWM Series bolt together to allow for international container shipments, bringing Cardinal's renowned truck scale manufacturing quality to anywhere in the world.

100% assembled and tested in the Cardinal factory before shipping to your location.



Complete Checkered Steel Deck Platforms For a Variety of Truck Sizes

Heavy-duty, no-bolt access cover plates over the load cells and surge suppression boxes are easy to remove for routine cleaning, yet robust in design for total protection of all components.

Convenient No-Bolt Access Covers

- Solid Steel Deck Platform for Optimum Strength
- High Quality Construction
- Single Source Convenience and Weighing Expertise
- Interconnecting Load Cell Blocks and Receivers
- Sections Bolt Together After Container Shipment

- Choice of DB or SCA Stainless Steel Load Cells
- 30 and 45 Ton Concentrated Load Capacity
- Rodent Protection Standard for All Cables
- Optional Side Rails Available - Brackets Standard
- 3.35 Meter Width to Accomodate Most Truck Sizes



**50K-SCA
Load Cells**



**DB-75000S
Load Cells**



STAINLESS STEEL LOAD CELLS

Cardinal's EWM vehicle scales offer a choice of OIML stainless steel load cells: the DB-75000S double-ended shear beam cell or the 50K-SCA compression cell, both types manufactured in-house by Cardinal. Cardinal load cells are VCAP certified and manufactured under stringent ISO 9001:2008 quality control conditions.



MACHINED PRECISION THROUGHOUT THE SCALE

**UNDERNEATH
DECK VIEW**

Superior Load Protection

Cardinal Scale includes conduit integral throughout each scale module for **complete protection** on all electronic load cell cabling protecting your truck scale wiring from rodents and other damage that could occur.

As evidenced from this view below the scale, the EWM's superior steel deck strength is ready to hold up under the heaviest of loads.

Over 60 years ago,
Cardinal designed and produced
the very first all-steel truck scale.

**ROBOTIC WELDING
QUALITY**



**PLASMA CUTTING
PRECISION**



Every EWM includes heavily-formed receiving brackets for quick and easy installation of the optional side rails. The side rails are designed to be installed for each scale module and include bright reflective tape for additional driver safety.

**Side Rail Brackets
Standard**

SMART DESIGN. BUILT STRONG.

CONVENIENT SIDE RAILS

*May be ordered with the
scale or added later.*

Flush-mounted side rail brackets designed for pit installations come standard with every EWM. The optional steel side rails include ball-nose end caps.

ARMOR
TRUCK SCALES



Select weight indicators, remote displays, and vehicle weight management software to complete your truck scale operation.

Model Number	Platform Size (feet)	Platform Size (meters)	Deck Thickness (inches)	Deck Thickness (mm)	Capacity (tons)	CLC (tons)	Shipping Weight (lb)	Shipping Weight (kg)
3012-EWM	12 x 11 ft	3.65 x 3.35 m	1/4 in	6.4 mm	30	30	5,025 lb	2,280 kg
3020-EWM	20 x 11 ft	6 x 3.35 m	1/4 in	6.4 mm	30	30	8,300 lb	3,765 kg
6040-EWM	40 x 11 ft	12.2 x 3.35 m	1/4 in	6.4 mm	60	30	15,500 lb	7,030 kg
6050-EWM	50 x 11 ft	15.2 x 3.35 m	1/4 in	6.4 mm	60	30	19,689 lb	8,931 kg
10060-EWM	60 x 11 ft	18.3 x 3.35 m	1/4 in	6.4 mm	100	30	22,700 lb	10,296 kg
10070-EWM	70 x 11 ft	21.3 x 3.35 m	1/4 in	6.4 mm	100	30	26,000 lb	11,793 kg
10080-EWM	80 x 11 ft	24.4 x 3.35 m	1/4 in	6.4 mm	100	30	30,000 lb	13,607 kg
10090-EWM	90 x 11 ft	27.4 x 3.35 m	1/4 in	6.4 mm	100	30	33,000 lb	14,968 kg
100100-EWM	100 x 11 ft	30.5 x 3.35 m	1/4 in	6.4 mm	100	30	37,300 lb	16,919 kg
100110-EWM	110 x 11 ft	33.5 x 3.35 m	1/4 in	6.4 mm	100	30	41,100 lb	18,642 kg
100120-EWM	120 x 11 ft	36.5 x 3.35 m	1/4 in	6.4 mm	100	30	46,000 lb	20,865 kg
4512-EWM	12 x 11 ft	3.65 x 3.35 m	3/8 in	9.5 mm	45	45	6,300 lb	2,857 kg
4520-EWM	20 x 11 ft	6 x 3.35 m	3/8 in	9.5 mm	45	45	9,500 lb	4,309 kg
7040-EWM	40 x 11 ft	12.2 x 3.35 m	3/8 in	9.5 mm	70	45	17,800 lb	8,074 kg
7050-EWM	50 x 11 ft	15.2 x 3.35 m	3/8 in	9.5 mm	70	45	22,500 lb	10,205 kg
11060-EWM	60 x 11 ft	18.3 x 3.35 m	3/8 in	9.5 mm	110	45	26,100 lb	11,839 kg
13570-EWM	70 x 11 ft	21.3 x 3.35 m	3/8 in	9.5 mm	135	45	30,000 lb	13,607 kg
13580-EWM	80 x 11 ft	24.4 x 3.35 m	3/8 in	9.5 mm	135	45	34,500 lb	15,649 kg
13590-EWM	90 x 11 ft	27.4 x 3.35 m	3/8 in	9.5 mm	135	45	38,100 lb	17,282 kg
135100-EWM	100 x 11 ft	30.5 x 3.35 m	3/8 in	9.5 mm	135	45	42,900 lb	19,459 kg
135110-EWM	110 x 11 ft	33.5 x 3.35 m	3/8 in	9.5 mm	135	45	47,300 lb	21,455 kg
135120-EWM	120 x 11 ft	36.5 x 3.35 m	3/8 in	9.5 mm	135	45	52,600 lb	23,859 kg

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