

FAIRBANKS®

RODAN® RC MEGABAR® SERIES TRUCK SCALES



The Rodan RC Megabar Series truck scales feature a factory poured concrete deck that insures quality and minimizes scale installation to less than a day.

SUPERIOR WEIGH-BRIDGE DESIGN

Fairbanks' Megabar truck scales are constructed with heavy, structural steel I-beams. This scale's open bottom design eliminates areas for moisture to collect in the scale modules and allows natural weigh bridge ventilation. The Megabar also boasts a factory controlled, two-part paint system that consists of three mils of red, epoxy primer, covered by three mils of gray, epoxy enamel.

HEAVY DUTY MEGABAR

Our Heavy Duty Megabar truck scales are designed to withstand the highest volume weighing applications in any industry. To ensure this, Fairbanks limits weigh bridge deflection to a maximum of 1/900th the span of the Dual Tandem Axle Capacity rating. This deflection standard reduces fatigue and guarantees a long scale life. No other manufacturer can offer these features in a truck scale.

MEGA-BAR DEFEATS THE FOUR ENEMIES OF CONCRETE

Tension is a major enemy of concrete. In the design of the Megabar, the concrete is located above the scale's neutral

axis, therefore the concrete never experiences tension. **Corrosion** and **Freezing** are other concrete enemies the Megabar is designed to defeat. Micro particles in the Megabar's concrete mix fill every void between the stone, sand and cement resulting in extremely low permeability. The Megabar concrete will not allow the absorption of moisture, therefore eliminating any problem associated with water intrusion. **Inconsistency** is concrete's fourth enemy. Inconsistent concrete pours that do not meet manufacturers' specifications, or can cause costly delays, are eliminated with the Megabar scale. Each Megabar pour is factory tested to specifications and documented for traceability to assure a quality product is shipped each and every time.

SUPERIOR LOAD CELL DESIGN

Stainless steel, hermetically sealed, rocker column load cells allow the Megabar to absorb the shocks and jolts caused by trucks moving on and off the scale ramp. Accuracy is never compromised, plus, the short load cell cabling greatly reduces any chances of system failure. The cable is also covered with stainless steel sheathing to promote long life.

INTALOGIX® TECHNOLOGY

Fairbanks' exclusive Intalogix Technology is a standard feature of the Rodan Megabar Truck Scales. This state-of-the-art technology offers improved lightning protection, superior diagnostic capabilities and enhanced precision. In addition, Intalogix Technology can change the way your scale is serviced. Quick analysis through the optional modem can diagnose problems, confirm scale accuracies and identify future problems before they occur.

MEGABAR OPTIONS

- Rub rails — help guide trucks onto the scale.
- Manholes — available with all pit installation models.

QuickFacts™

Models and specifications subject to change without notice.
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RODAN® RC MEGABAR® SERIES TRUCK SCALES

SPECIFICATIONS:	60K HEAVY DUTY	80K HEAVY DUTY
Platform Sizes	10' x 100' to 11' x 100'	10' x 100' to 12' x 100'
DTAC/CLC	60K	80K
Number of Structural I-beams	10 (eight 8" and two 12")	10 (eight 8" and two 14")
Deflection	1/900	1/900
Usage	600 @ 60% DTAC	600 @ 60% DTAC
(Weights per day at rated Dual Tandem Axle Capacity)	300 @ 80% DTAC 100 @ 100% DTAC	300 @ 80% DTAC 100 @ 100% DTAC
Load cell capacity	30t (66K)	50t (110K)
Deck thickness	4"	6"
Foundation type	Above ground and pit	Above ground and pit
Factory options	Rub rails, Manholes	Rub rails, Manholes

GENERAL SPECIFICATIONS:

(60K and 80K heavy duty models)

- Capacities 30 ton to 100 ton
- Sections 2 to 7
- Modules 1 to 5
- Module Data:
 - Module design Composite steel and Megabar concrete
 - Module construction Structural steel I-beams with 10,000 psi concrete
 - Module under structure Open bottom with no enclosed areas
- NTEP COC # 96-089
- Load Cell Data:
 - Load cell type Rocker column
 - Load cell protection Stainless steel, hermetically sealed
 - Load cell resistance 1,000 ohms
 - Load cell output 2.00 mV/V
 - Load cell cable length 15'
 - Load cell cable protection Stainless steel sheathing
 - Load cell approvals NTEP COC# 97-078, Factory Mutual Approved

TRUCK SCALE ACCESSORIES:



Remote terminal with keypad display, printer and bar code card reader. Also available in stainless steel.



Remote weight display available in numeric sizes of 1.5", 4" and 6".



Standard Traffic light. Omni-directional traffic light also available.