

FAIRBANKS®

RODAN® RC FIELD POUR SERIES TRUCK SCALES



The Rodan RC Field Pour Series truck scales feature lightweight, easy-to-install modules that, once filled with concrete, offer the most durable line of truck scales available.

SEALED PLATFORM DESIGN

Fairbanks' Field Pour modules are constructed of structural steel I-beams that form a composite structure with the surrounding concrete to produce a rigid deck. Prior to sealing with concrete, the internal structural steel I-beams are shielded from any moisture with three mils of epoxy primer, thus minimizing environmental effects and ensuring a long scale life. These construction standards are consistent with those used in highway bridge construction by the American Association of State Highway and Transportation Officials (AASHTO) and the Federal Road and Bridge Department.

COST EFFICIENT INSTALLATION & EASE OF MAINTENANCE

The above ground foundation of the Rodan RC Field Pour Series truck scales requires less preliminary installation work due to its advanced modular design, saving both valuable time and money. With the elimination of cast-in-concrete anchor bolts and grout pockets for load cells, building the foundation is as simple as pouring the piers and forming and pouring the approaches. An additional benefit of the above ground foundation is the minimal time required for preventative maintenance. All checking hardware is easy to access and adjust through the scale's top or

side at both ends of the scale. With an intelligent design that provides for simplified connection of load cells, repairs require only minimal time and effort.

HEAVY DUTY FIELD POUR

Our Heavy Duty line of truck scales is designed to withstand the highest volume weighing applications in the scale industry. To ensure this, Fairbanks limits weigh bridge deflection to a maximum of 1/900th the span at the Dual Tandem Axle Capacity rating. Most other manufacturers do not meet these standards.

INDUSTRIAL DUTY FIELD POUR

The Rodan Industrial Duty line of Field Pour truck scales are designed and manufactured to the highest standards in the industry. This scale is the perfect solution for an application of up to 150 standard truck weighments per day.

SUPERIOR LOAD CELL DESIGN

Its patented, stainless steel, hermetically sealed, rocker column load cells allow the Rodan RC Field Pour Series truck scales to absorb the shocks and jolts caused by trucks moving on and off the scale — therefore, accuracy is never compromised! Its electrochemically polished 316 stainless steel construction helps to eliminate the corrosive effects often found in harsh, wet environments.

INTALOGIX® TECHNOLOGY

Fairbanks' exclusive Intalogix Technology is a standard feature with the Rodan RC Field Pour Series Truck Scales. This state-of-the-art technology offers you improved lightning protection, superior diagnostic capabilities and enhanced precision. Quick analysis through the optional modem can diagnose problems, confirm scale accuracies and identify future problems. Intalogix Technology will allow you to reach a new level of weighing accuracy and change the way you service your scale.

FACTORY 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.
Printed in the USA on recycled paper. © Fairbanks Scales Inc.

Call your Fairbanks representative :
Les Balances Leduc & Thibeault Scales Inc.

Montréal : (514) 239-7060 Mercier : (450) 691-2111

09/01 100204

RODAN® RC FIELD POUR SERIES TRUCK SCALES

SPECIFICATIONS:	60K INDUSTRIAL DUTY	80K INDUSTRIAL DUTY	60K HEAVY DUTY	80K HEAVY DUTY
Platform Sizes	10' x 100' to 11' x 100'	10' x 100' to 12' x 100'	10' x 100' to 11' x 100'	10' x 100' to 12' x 100'
DTAC/CLC	60K	80K	60K	80K
Number of Structural I-beams	7 (five 6" & two 10")	7 (five 6" & two 12")	8 (six 6" and two 10")	10 (eight 8" & two 14")
Deflection	1/700	1/700	1/900	1/900
Usage (Weighments per day at rated Dual Tandem Axle Capacity)	300 @ 60% DTAC 150 @ 80% DTAC 50 @ 100% DTAC	300 @ 60% DTAC 150 @ 80% DTAC 50 @ 100% DTAC	600 @ 60% DTAC 300 @ 80% DTAC 100 @ 100% DTAC	600 @ 60% DTAC 300 @ 80% DTAC 100 @ 100% DTAC
Load cell capacity	30t (66K)	30t (66K)	30t (66K)	50t (110K)
Concrete deck thickness	10"	12"	10"	6"
Foundation type	Above ground only	Above ground and pit	Above ground and pit	Above ground and pit
Factory options	Rub rails	Rub rails, Manholes	Rub rails, Manholes	Rub rails, Manholes

GENERAL SPECIFICATIONS:

(60K and 80K Industrial duty and heavy duty models)

Capacities	30 ton to 100 ton
Sections	2 to 7
Modules	1 to 5
Module Data:	
Module design	Composite steel and concrete
Module construction	Structural steel I-beams with field poured concrete
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 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.