

# FAIRBANKS®

## RODAN® RC STEEL DECK SERIES TRUCK SCALES



Fairbanks' Rodan® RC Steel Deck Series are fully electronic, above ground truck scales that fit any over-the-road or off-road application.

### THE RIGHT SCALE FOR YOUR APPLICATION

Fairbanks understands that not all truck scale weighing applications are the same. This is why we offer the widest variety of truck scales in the industry. The Rodan Steel Deck line of scales are designed with real world use in mind. Whether you are weighing regular over-the-road vehicles, or trucks with extremely heavy axles, Fairbanks has you covered.

### THE HEAVY DUTY STEEL DECK

Our Heavy Duty line of truck scales is 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 at the Dual Tandem Axle Capacity rating. No other manufacturer can match these standards.

### THE INDUSTRIAL DUTY STEEL DECK

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

### DURABLE AND DEPENDABLE

This scale's structural steel construction is the foundation of its enduring strength. Its new, open bottom design helps resist the potentially damaging effects of internal corrosion and allows easier access to internal scale components for faster scale service and maintenance.

### STRONG AND PRACTICAL

The Rodan RC Steel Deck's steel platform has been designed to make installation easier and less time consuming. This truck scale is the ideal choice if the platform is to be moved several times during the life of the scale. With wide, structural steel flange beams and a steel deck tread plate, this scale is built to provide many years of accurate, reliable performance.

### SUPERIOR LOAD CELL DESIGN

Stainless steel, hermetically sealed, rocker column load cells eliminate errors associated with side loads and tilting, by precisely placing the gages on the neutral axis of the load element. The short load cell cabling greatly reduces any chances of system failure — ensuring maximum uptime. The cable is also covered with a stainless steel sheathing to promote long life.

### INTALOGIX™ TECHNOLOGY

Fairbanks' exclusive Intalogix™ Technology is a standard feature with the Rodan RC Steel Deck Series Truck Scales. This state-of-the-art technology offers you improved lightning protection, superior diagnostic capabilities and enhanced performance. Intalogix Technology can change the way your scale is serviced, saving you time and money. Quick analysis on site or via modem can diagnose performance, confirm scale accuracies and identify problems before they happen.

### STEEL DECK OPTIONS

- Rub rails — Help guide trucks onto the scale.
- Manholes — Available with all pit installation models.
- Deck Runners — Recommended for highly abrasive applications such as sand, limestone or gravel.

## QuickFacts™

Models and specifications subject to change without notice.  
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Call toll-free for the Fairbanks representative nearest you:

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Internet Address: <http://www.Fairbanks.com>

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## RODAN® RC STEEL DECK SERIES TRUCK SCALES SPECIFICATIONS:

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	9 (seven 12" & two 10")	10 (12")	10 (12")	9 (14")
Deflection	1/700	1/700	1/900	1/900
Usage (Weighments per day at rated Dual Tandem Axle Capacity)	<b>300</b> @ 60% DTAC <b>150</b> @ 80% DTAC <b>50</b> @ 100% DTAC	<b>300</b> @ 60% DTAC <b>150</b> @ 80% DTAC <b>50</b> @ 100% DTAC	<b>600</b> @ 60% DTAC <b>300</b> @ 80% DTAC <b>100</b> @ 100% DTAC	<b>600</b> @ 60% DTAC <b>300</b> @ 80% DTAC <b>100</b> @ 100% DTAC
Load cell capacity	30t (66K)	30t (66K)	30t (66K)	50t (110K)
Deck plate thickness	1/4"	1/4"	1/4"	3/8"
Foundation type	Above ground <b>only</b>	Above ground and pit	Above ground and pit	Above ground and pit
Factory options	Rub rail, *Deck runners	Rub rail, *Deck runners, Manholes	Rub rail, *Deck runners, Manholes	Rub rail, *Deck runners, Manholes

\*Recommended for highly abrasive applications (EX: sand, limestone or gravel)

### GENERAL SPECIFICATIONS:

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

Capacities	30 ton to 100 ton
Sections	2 to 7
Modules	1 to 5
Module Data:	
Module design	Orthotropic
Module construction	Structural steel
Module under structure	Open bottom
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
Approval	NTEP COC# 96-089

### 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.

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Call your Fairbanks representative :  
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