

SPECIFICATIONS

Capacity	250,000 lbs (110 tonnes) maximum per axle
Display Resolution	20 lbs (10kg)
Operating Speeds	Structurally Certified for "in road use" at 20 mph up to 225,000 lbs (100 tonnes) Recommended speed 2-3 mph (5 km/h) Speed error above 7 mph
Overload	150% (for 50 tonnes load cells)
Scale	
Precast Scale Module	Dimensions: 19' x 9'6" x 2' (5.8 m x 2.9 m x 0.6 m) Weight: 53,000 lbs (24 tonnes)
Scale Weighbridge	Dimensions: 17' x 4' x 14" (5.2 m x 1.2 m x 0.36 m)
Load Cell Assembly	Outboard, In-tension cradle assembly, self-contained
Load Cells	4 x 110,000 lbs (50 tonnes) Rocker compression/tension load cells. Stainless steel, Hermitically sealed, IP69 Ingress protection, M12 Watertight connectors



Authorized
Distributor



AUSTRALIA

Rinstrum Pty Ltd
Unit 4/31 Henry Street
Loganholme
QLD 4129
Australia

Ph: +61 7 3216 7166
Email: sales.au@rinstrum.com

USA

Rinstrum Inc
1349 Piedmont Drive
Troy, Michigan 48083
United States

Toll Free 1 877 829 9152
Ph: +1 248 680 0320
Fax: +1 248 499 1331
Email: sales.us@rinstrum.com

EUROPE

Rinstrum Europe GmbH
Hans-Böckler-Straße 42
D-40764 Langenfeld
Germany

Ph: +49 (0)2173 16562-10
Fax: +49 (0)2173 16562-29
Email: sales.eu@rinstrum.com

USA

Southern IL Scale
430 W South Ave Noble,
IL 62868

Ph: (800) 441-1794
Email: sales@southernilscale.com
Email: service@southernilscale.com

www.southernilscale.com



IN-MOTION VEHICLE SCALE

Rinstrum's mineWEIGHr is a fast, accurate and economical way to monitor commodities that are coming into or leaving your facilities.

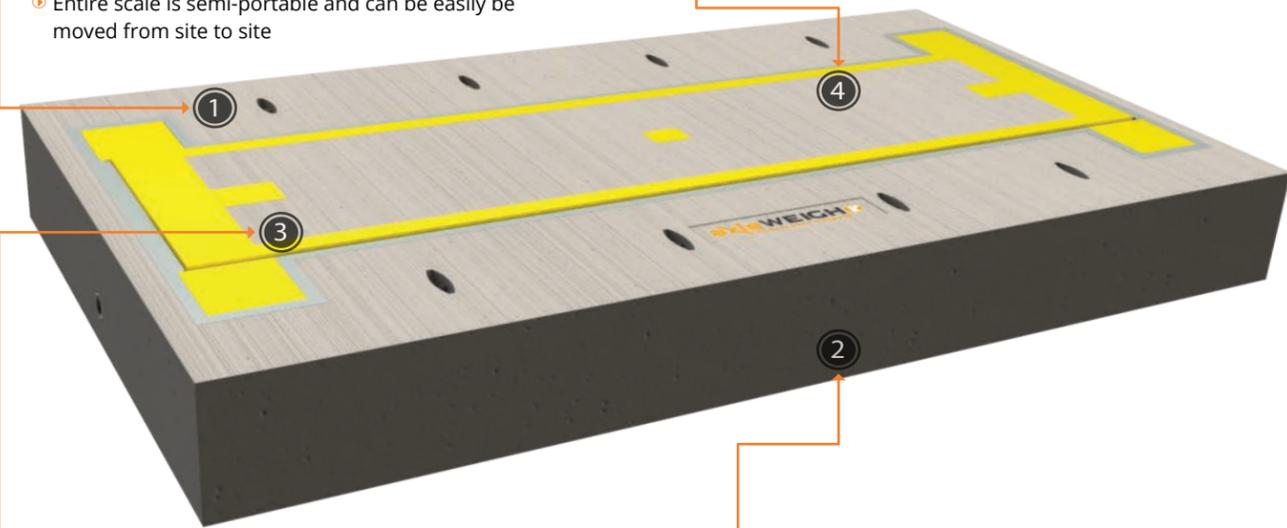
Drive over the scale while moving a constant 2-3 mph. The scale will automatically weigh each mineWEIGHr and print a receipt with individual axle weights and the total. If you store the trucks ID and tare weight, or use 2 pass weighing, the controller will calculate the Gross, Tare and Net values.

1 Pre-cast Platform Structure

- Install on a minimum of 2' of compacted flat and level CA6 crushed limestone.
NOTE: 2' up to 4' is required for certain soils to maintain a solid base.
- Concrete approaches increase accuracy and reduce maintenance and cleaning
- Entire scale is semi-portable and can be easily be moved from site to site

4 Accuracy and Performance

- Better than 0.5% accuracy on average with proper use and installation
- Efficiently track profits and inventory movement without stopping on the scale
- Fastest return on investment system to obtain individual axle weights and gross vehicle weight



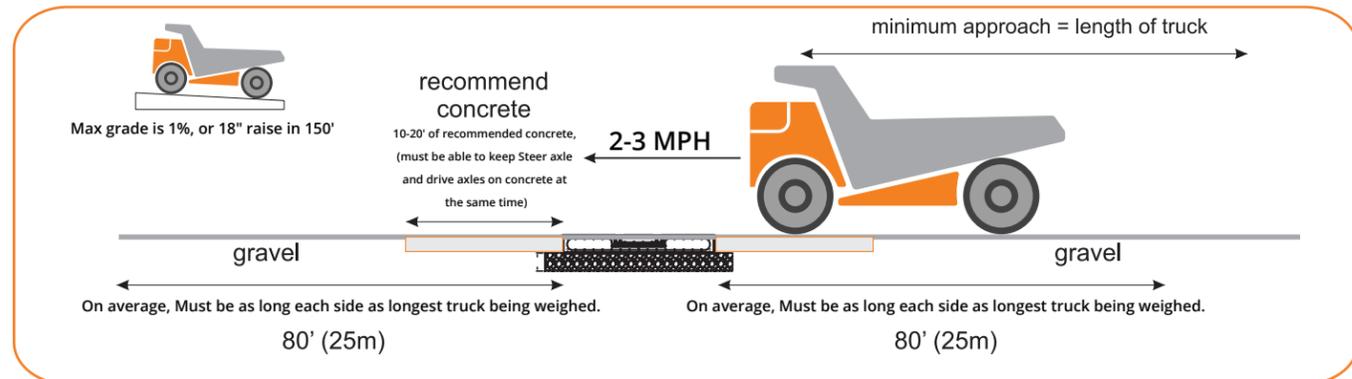
3 Service

- No specialty tools or knowledge required to install or maintain scale
- Patented weighbridge removal process allows for easy cleaning and service
- Sloped floor and 4" drain keep scale clean and dry

2 Installation

- Durable 5000 psi pre-cast platform structure
- Certified Patterson lifting points on both pre-cast platform and weighbridge
- Installation time is less than 8 hours (2 men) on average install precast platform from beginning to end

Installation Recommendations



Accurate

On average better than $\pm 0.5\%$ repeatability can be expected. Company testing as well as extensive field trials have shown that with extended flat and level concrete approaches $\pm 0.5\%$ average accuracy can be achieved. Individual results may vary. Accuracy is dependent on site and equipment.



Weighing samples are captured at 100 times per second and then averaged within the offset window.

Operation

AXLE 1 :	6000
AXLE 2 :	5800
AXLE 3 :	6000
AXLE 4 :	5900
AXLE 5 :	6332

10/02/10 09:38:45
TRUCK: T2
SEQ: 000000173
AXLES: 5
WEIGH IN: 300321b

AXLE 1 :	11200
AXLE 2 :	12300
AXLE 3 :	10100
AXLE 4 :	12900
AXLE 5 :	13615

10/02/10 09:38:45
TRUCK: T2
SEQ: 000000173
WEIGH IN: 300321b
WEIGH OUT: 601151b
NET: 300831b

Two Pass Weighing - Weigh In and Weigh Out

- INBOUND**
Press the TRUCK Key then OK
Drive over the scale
- OUTBOUND**
Use Up/Down arrows to select your Truck ID then OK
Drive over the scale

ID: 111ABC
Tare: 25,000lb

AXLE 1 :	9788
AXLE 2 :	9999
AXLE 3 :	9993
AXLE 4 :	9980
AXLE 5 :	9960

10/02/10 09:50:00
TRUCK: 111ABC
SEQ: 000000176
AXLES: 5
GROSS: 497201b
TARE: 250001b PT
NET: 247201b

Single Pass Weighing With Known Tare Weight

- Press the TRUCK Key
Enter your known Tare weight then OK
Drive over the scale
- OR**
Press the TRUCK Key
Enter Truck ID to recall a stored Tare weight then OK
Drive over the scale

