



SHALLOW PATTERN

Truck Scales to measure
and control your daily
operations.

Technical Specification



DESCRIPTION

The Shallow Pattern truck scale is an outstanding fully electronic truck scale design that provides many years of durability and reliable performance, even in the most demanding environments. The Shallow Pattern is easily adaptable to match each customer's needs, making it an ideal choice for many industries. An expert team of fabricators and welders build to the highest standards of accuracy and strength with Measurement Canada and NTEP approval as a legal-for-trade system. The Shallow Pattern truck scale is suitable for permanent above ground or shallow pit foundations as well as portable applications. It is available with a steel or concrete deck surface.

Features

Benefits

Gross Capacity	With a capacity of up to 150 tons this scale can handle a wide range of trucks
Platform Lengths	Platform lengths up to 150' and easily expandable
Platform Widths	Up to 15' to fit a range of applications and existing foundations
Module Size	Custom sizes and capacities available to suit a range of applications
Weighbridge Thickness	<ul style="list-style-type: none"> › 8" concrete › 8" steel
Profile (Install height)	<ul style="list-style-type: none"> › Concrete - No Cutout - 29" › With Cutout - 21" › Steel - 13 1/2" › Portable - 18"
Full Electronic Design	Yes
Factory Assembled	<ul style="list-style-type: none"> › Minimizes installation time and costs › Insures consistent product quality › No rebar or sheeting required › Simple and fast installation › Easy to service
Weighbridge Design	<ul style="list-style-type: none"> › Steel or concrete driving surface › 3/8" high-strength, checker steel driving surface or 8" thick field-poured concrete (forming pan and rebar preinstalled at factory) › Heavy-duty wide flange I-beam construction › Heavy-duty end plates › Minimal deck deflection at full load › Suitable for above ground or in a pit › Permanent or portable installation. Same modules can be mounted directly to a permanent foundation or be part of a portable system that includes a steel sub-frame and bulkheads



Features

Corrosion Protection	All truck scales are finished with a high quality industrial paint process
Module Installation	10', 20' and 30' - 8 load cells on a typical 70'-90' scale
Weight Sensor	<ul style="list-style-type: none">› 75,000 lb double-ended shear beam load cells› Constructed of high-quality, nickel-plated alloy tool steel› Environmentally sealed with stainless steel side plates› Center loaded single link design› 150% safe overload› 3.0 mV/V full scale output
Weight Sensor Cabling	All load cables are routed through rigid steel conduit
Uni-Link Load Cell Mounts	<ul style="list-style-type: none">› Center pivoted with self-aligning link› Allows multi-directional weighbridge movement
Junction Box	Weatherproof aluminum junction boxes

Benefits

General

Approvals	Measurement Canada (AM4906), NTEP (98-201)
Warranty	10 year warranty on weighbridge structure, 2 year warranty on load cells
Options & Accessories	<ul style="list-style-type: none">› Manholes› Trailer drop plates› Load cell riser stands› Choice of digital instrumentation› LED remote displays› Printers› Unattended kiosks and control systems› Vehicle detection and yard control hardware such as camera systems, photo eyes, infrared, loops, barriers, traffic lights› Standard and customizable PC software packages

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