

8100 SERIES PORTABLE, STEEL DECK, TRUCK SCALES



Thurman Scale's 8100 is a uniquely designed truck scale that combining the proven, reliable performance of a mechanical lever system with a rigid, welded steel weighbridge structure. The 8100 has been field proven for years in demanding industries such as mining, road construction, quarries, logging, steel mills and landfills.

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The 8100 Series truck scale can be installed as a portable scale (one that can be relocated easily at a later time), or as a permanent installation.

For a permanent installation, pour the concrete piers and approaches, install the scale by locating and bolting the portability frame to the piers connecting the backbone pipes, then calibrate. In portable installations, concrete approaches are not required (check local Weights and Measures to insure this type of installation is in conformance); simply ramp fill material against the (optional) bulk-heads for the approach ramps. The remaining installation is identical to that of a permanent installation.

BUILT TO LAST

The rigid welded steel weighbridge structure on the 8100 Series truck scales provides outstanding durability. The steel deck design uses a high-strength steel plate mounted to structural steel beams for superior support and longevity.

HIGH PERFORMANCE SUSPENSION

The fabricated lever system used in these truck scales, in conjunction with the self-restoring, ball bearing suspension, results in an extremely durable scale which meets the accuracy requirements of Handbook 44. The ball bearing suspension on the 8100 Series truck scales means high performance, as well as full 360° shock protection. Each pivot and bearing is well-protected against damage caused by trucks moving on and off the scale. Plus, the free floating suspension eliminates the need for any checking devices.

ELECTRONIC CONVERSION KIT

An optional electronic conversion kit allows you to convert this line of mechanical truck scales to electronic weighing scales. For use with the electronic scales, Thurman offers a complete line of high-performance electronic components, including advanced digital indicators, remote displays and printers.

SPECIFICATIONS

Platform Sizes	25' x 10' to 80' x 12' (custom sizes also available)
Capacities	30-ton to 75-ton
Concentrated Load Capacity (CLC)	70 k
Suspension	Self-restoring, ball bearing suspension
Deck Construction	ASTM A-36 steel with checkered safety plate
Product Assembly	Modular
Number of Modules	1 to 3
Load Cell Type	Single S-Type load cell for electronic conversion only
Approval	NTEP CC# 88-037

At A Glance™

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

(800) 688-9741