

# 8140 SIDE ARM MECHANICAL TRUCK SCALES WITH LOW PROFILE AND STEEL DECK



Thurman's 8140 Side Arm Mechanical Truck Scales are rugged, low-profile, steel deck scales for high volume and heavy-duty capacity weighing.

## LOW PROFILE DESIGN

The 8140 truck scale achieves its low-profile design by allowing the connecting backbone pipe to run outside of the main beams and parallel to the length of the weighbridge, creating a shallow approach, pitless installation.

## EASY INSTALLATION

These truck scales arrive on-site with factory assembled modules. Installation time is reduced because you just lock the modules together through the use of an exclusive step hinge. The step hinges are bolted together, assuring a tight fit and eliminating the need for field welding. The raised pattern steel deck provides the necessary strength to provide many years of rugged, dependable use.

## SIDE ARM DESIGN

The heavy steel main beams on the 8140 truck scale not only provide added strength, they also act as safety rails, ensuring that the trucks stay on the scale.

## HEAVY DUTY CAPACITY

For all your heavy-duty weighing applications, the 8140 truck scales are available with a 120,000 lb concentrated load capacity. These truck scales have been built to handle the heaviest of loads for years of accurate, dependable service.

## HIGH PERFORMANCE SUSPENSION

The fabricated lever system used in the 8140 truck scales, in conjunction with the self-restoring, ball bearing suspension, results in a dependable, long-lasting scale. You are also assured high performance and a full 360° shock protection with Thurman's ball bearing suspension. Each pivot and bearing is well protected against damage caused by trucks moving on and off the scale. The free floating suspension also eliminates the need for any checking devices.

## ELECTRONIC CONVERSION

For conversion from a mechanical to an electronic truck scale, an optional electronic conversion kit is available. For use with the electronically converted scales, Thurman offers a complete line of advanced instruments, remote displays and printers.

## SPECIFICATIONS

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| Platform Sizes . . . . .                   | 10', 11' and 12' widths;<br>25' to 90' lengths;<br>custom sizes available |
| Profile . . . . .                          | 18" on standard model,<br>20" on HD model,<br>26" on XD model             |
| Capacities . . . . .                       | 40-ton to 100-ton   |
| Concentrated Load Capacity (CLC) . . . . . | 60 k on standard model,<br>90 k on HD model,<br>120 k on XD model         |
| Number of Sections . . . . .               | 2 to 4  |
| Suspension . . . . .                       | Self-restoring, ball bearing  |
| Deck Construction . . . . .                | Welded steel deck   |
| Product Assembly . . . . .                 | Modular   |
| Load Cell Type . . . . .                   | S-type load cell  |
| NTEP CC# . . . . .                         | 88-036  |

## 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**