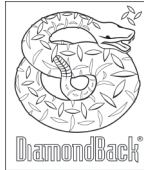


# DIAMONDBACK PV PORTABLE, STEEL DECK TRUCK SCALES



Thurman's DiamondBack PV Portable Steel Deck Truck Scales feature double-ended shear beam load cells, a structural steel weighbridge of incredible strength and durability, lightning protection technology, and a maintenance-free load cell checking system, all contained in a frameless design.

## MANY EXCEPTIONAL FEATURES

### WEIGHBRIDGE

- Portable design for easy site relocation.
- Interlocking platform enables simple, one-day installation.
- Superior deck strength resists deflection and metal fatigue.
- Nine 10" and 12" I-beams provide maximum deck support.
- Diamond tread, 1/4" thick deck plate promotes scale longevity.
- Low profile allows above-grade installation and shallow approaches.
- Open-bottom design creates natural ventilation system
- 90 k CLC rating.
- Deflection ratio of 1:1260.

### DOUBLE-ENDED SHEAR BEAM LOAD CELL

- NTEP and FM approved.
- CheckLink™ self-restoring parallel link suspension eliminates need for check or bumper rods and never requires readjustment after installation.
- Intalogix® Technology features scale industry's greatest lightning and surge protection, as well as superior load cell diagnostics.

### GENERAL

- Chemically cross-linked, two-component, acrylic urethane industrial coating system stands up to wear.
- NTEP approved scale.

## WHY THURMAN SCALE IS THE RIGHT CHOICE

Thurman Scale offers one of the broadest lines of vehicle scales and heavy capacity weighing equipment on the market. For more than 90 years, Thurman has focused its efforts into building superior products and delivering complete customer satisfaction. That is why we believe you'll find Thurman to be the most valuable choice for all your vehicle weighing needs.

## APPLICATIONS

Thurman's DiamondBack PV Truck Scales are designed and engineered with a variety of weighing applications in mind, including:

- Agriculture
- Mining
- Textile
- Chemical
- Recycling
- Timber
- Coal
- Scrap industry
- Quarry
- Manufacturing
- Solid waste

## SPECIFICATIONS

### Platform Sizes

- Widths . . . . . 10' standard
- Lengths . . . . . 23' to 80' standard  
(custom sizes available)

Scale capacity. . . . . 60-135 tons

### Concentrated Load

Capacity (CLC). . . . . 90 k

Sections . . . . . 2 to 5

### Load Cell

- Capacity . . . . . 75,000 lbs
- Type . . . . . Double-ended shear beam
- Resistance . . . . . 700 ohm cells
- Output. . . . . 3.0 mv/V
- Cable Protection. . . . . Armour Guard
- Checking. . . . . CheckLink™

Approvals . . . . . NTEP CC# 06-114, Factory Mutual

Deck Construction . . . . . Welded steel deck plate

Deck Height . . . . . 18 inches

Product Assembly. . . . . Modular

Approvals . . . . . NTEP CC# 89-016

Scale options . . . . . Traffic lights and kits, ticket printers, instrumentation, remote displays, rub rails, deck runners, steel ramps

## At A Glance™