



DIAMONDBACK

ELECTRONIC, LOW-PROFILE, FIELD POUR TRUCK SCALES



Thurman's extreme capacity concrete deck truck scales result from years of weighing experience in demanding mining, quarrying and logging operations.



THURMANSCALE.COM



CC No. 90-109



APPROVED

Load Cells

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THE DIAMONDBACK DIFFERENCE

Thurman Scale raises the bar on electronic truck scale design with the DiamondBack Field Pour Truck Scale. This dynamic new line boasts the greatest load capacity and overall weighbridge strength of any concrete deck scale that's carried the Thurman name. It's also packed with standard features that other manufacturers quote as extras.

- **CLC Advantage**

The DiamondBack features the highest Concentrated Load Capacity of any scale in its class — 90,000 lbs.

- **Rigid Design**

Structural steel I-beams are encased in concrete to create an extremely rigid design that resists bending and promotes weighbridge longevity.

- No shoring required
- Continuous 1/4" bottom skin
- Chemically cross-linked, acrylic urethane industrial coating stands up to heavy use



Module

Factory fabricated steel modules are designed for easy on-site assembly.

Scales are typically constructed with three to four modules.

10' and 11' standard deck widths. Custom sizes are available.



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Massive deck thickness



The DiamondBack's 10" deck exceeds most deck thickness by 4". When the deck is poured, the scale's internal steel supports become encased (sealed) in concrete for superior protection against moisture.

Plenty of elbow room



The DiamondBack Field Pour is designed with a mere 15" approach and has a high 4 5/8" clearance for easy clean out.

Powerful lightning protection



Optional Intalogix Technology for the DiamondBack provides today's most advanced lightning/surge protection and unsurpassed load cell diagnostics.

"TOUGH SCALES FOR TOUGH JOBS"

EXPERIENCE THE POWER OF THURMAN

IT'S THE SUPERIOR CHOICE

Thurman Scale offers one of the broadest lines of vehicle scales and heavy capacity weighing equipment on the market. For more than 95 years, Thurman has focused its efforts into building superior products and delivering complete customer satisfaction. That's why we believe you'll find Thurman to be the most valuable choice for all your vehicle weighing needs.

DiamondBack scales are designed to handle the heavy truck loads produced by aggregate and mining operations.

- Rub rail accessory
- Load cell access plate
- Electronic components



All electronics are externally mounted for easy access and fast routine maintenance.

75,000 lb load cell capacity



Powerful loads need powerful load cells. The DiamondBack's double-ended shear beam has an unparalleled performance record for accuracy and durability in the toughest industries.

CheckLink™ Technology



Thurman's unique parallel link suspension system provides full 360 degree shock suspension. This system easily handles hard shocks and side loads, plus, after installation, it never requires further adjustment.

Easy load cell access



Easy to remove top plate gives quick access to load cells and cabling, speeding routine maintenance.



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SPECIFICATIONS

Platform sizes

- Widths 10' and 11' standard
- Lengths 10' to 100' standard
(custom sizes available)

Scale capacity 60-135 ton

Concentrated load capacity 90 k

Deck construction Concrete

Product assembly Deck poured on site

Approvals NTEP CC# 90-109

Scale options Traffic lights and kits, ticket printers,
instrumentation, welded rub rails,
remote displays

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



LOCAL AUTHORIZED THURMAN DISTRIBUTOR

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