THURMAN SCALE

DIAMONDBACK

ELECTRONIC, LOW-PROFILE, STEEL DECK TRUCK SCALES

Thurman's extreme capacity steel deck truck scales are built for demanding applications such as agriculture, mining, road construction, quarrying, logging, milling and foundry.

THURMANSCALE.COM

INTALOGIX TECHNOLOGY

CC No. 89-016

FM APPROVED Load Cells

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THE DIAMONDBACK DIFFERENCE

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

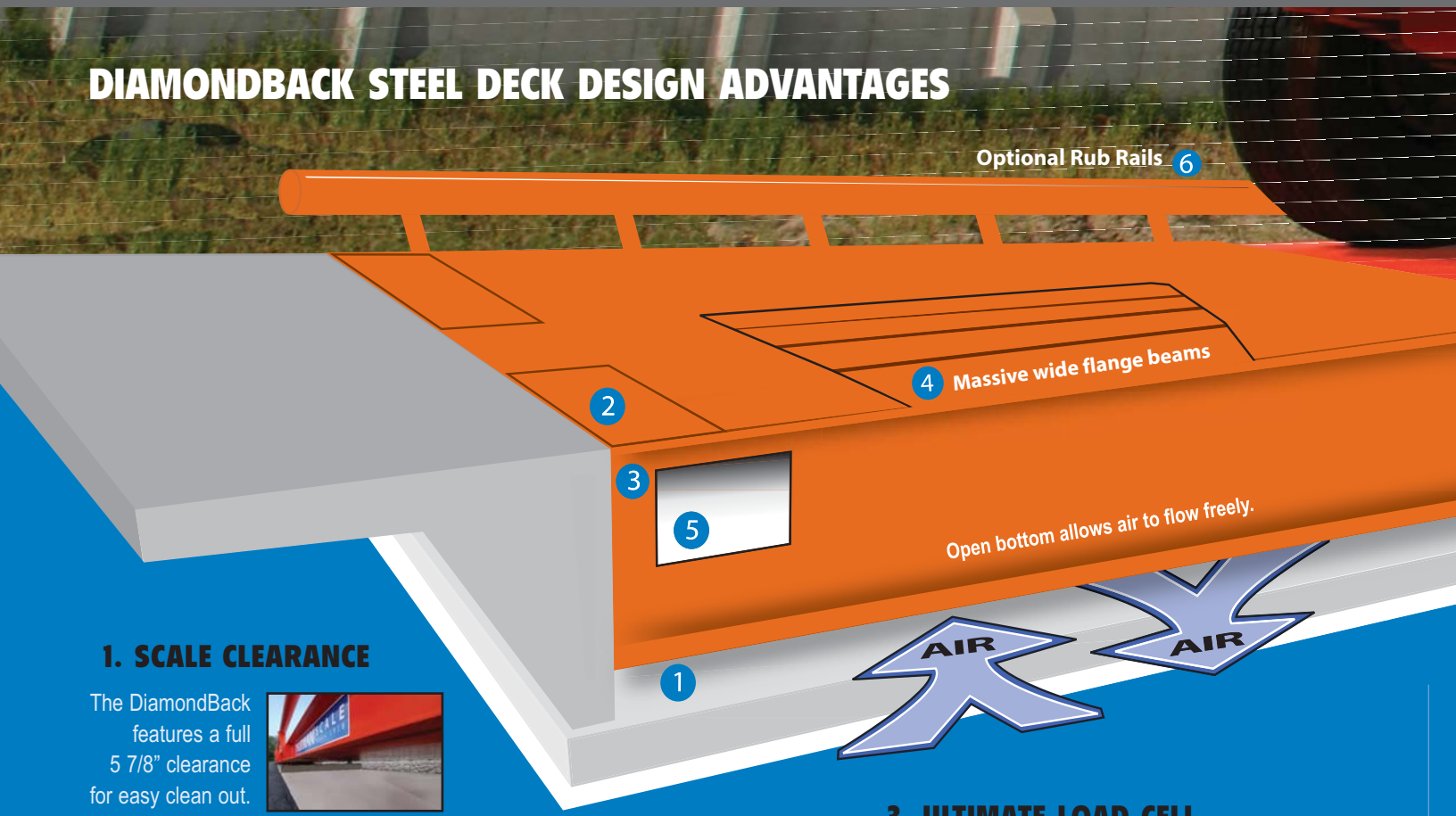
- **CLC Advantage**

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

- **Deflection Advantage**

  The DiamondBack weighbridge is designed to experience the least possible bending when load is applied. This ultra-low deflection ratio (1:1260) means that your DiamondBack was built to outlast all the competition.

DIAMONDBACK STEEL DECK DESIGN ADVANTAGES



1. SCALE CLEARANCE

The DiamondBack features a full 5 7/8" clearance for easy clean out.

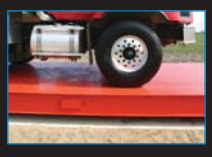
2. EASY ACCESS

Easy-to-remove top access plate speeds routine maintenance.

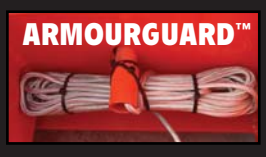
3. ULTIMATE LOAD CELL

Inside each easy-access load cell compartment you find the heart of the Diamondback — its 75,000 lb. alloy tool steel, double-ended shear beam load cell.

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



Sherwin-Williams® high quality KEM industrial paint system stands up under heavy use.



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 89 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.

4. ULTIMATE SCALE DESIGN

Thurman uses Finite Element Analysis during the design process to achieve the highest strength weighing platforms possible.

Each DiamondBack steel deck module is built with nine massive structural steel I-beam supports and features an Open Bottom design that allows for free air flow and eliminates internal condensation that causes corrosion.

5. EXTERNAL ELECTRONIC COMPONENTS

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

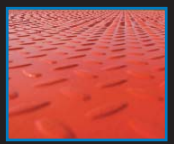
6. ACCESSORIES

- Welded rub rails
- Deck runners
- Traffic light kits
- Scale instruments
- Remote displays
- Ticket printers
- Traffic lights

CheckLink™ — WORRY-FREE LOAD CELL CHECKING TECHNOLOGY

Thurman's unique self-checking, parallel link suspension system has an accurate and reliable, high performance design that provides full 360 degree shock suspension. This system easily handles hard shocks and side loads, plus, after installation, it never requires further adjustment.

ArmourGuard™ protects cabling against the elements and gnawing rodents.



Diamond tread promotes tire traction and deck durability.

THURMAN® SCALE

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ELECTRONIC, LOW-PROFILE, STEEL DECK TRUCK SCALES

**TOUGH SCALES
FOR TOUGH JOBS.**

SPECIFICATIONS

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

Scale capacity. . . . . 60-135 ton
Concentrated Load Capacity . . . . . 90,000 lbs
Deck Construction . . . . . Welded steel deck plate
Product Assembly. . . . . Modular
Approvals . . . . . NTEP CC# 89-016
Scale options . . . . . Traffic lights and kits; ticket printers; instrumentation; welded rub rails; deck runners; remote displays

Load Cell
- Capacity . . . . . 75,000 lbs
- Type . . . . . Double-ended shear beam
- Resistance . . . . . 700 ohm cells
- Output. . . . . 3.0 mv/V
- Cable Protection. . . . . ArmourGuard™
- Checking. . . . . CheckLink™
- Approvals . . . . . NTEP CC# 06-114, Factory Mutual

LOCAL AUTHORIZED THURMAN DISTRIBUTOR

Call toll-free:

(800) 688–9741

Call between 8:00 a.m. – 5:00 p.m. CST
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Internet Address: http://www.thurmanscale.com

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