



# DIAMONDBACK XD

**EXTREME DUTY, ELECTRONIC, STEEL DECK TRUCK SCALES**



CC No. 89-016



Extreme capacity steel deck truck scales that are built tough to handle extreme, off-road applications in the mining, quarrying and logging industries.



**THURMANSCALE.COM**

## LOAD HANDLER

Double-ended shear beam load cells are the heart of the Diamondback XD extreme weighing system.

These 100K capacity, NTEP and FM approved cells are enhanced with powerful technologies that shield against the effects of power surges, lightning strikes, shocks and side loads.



## EASY ACCESS

The XD's load cells and electronic component are mounted to the side of the scale for quick and easy routine maintenance.



## NATURAL VENTILATION

Open-bottom design creates a natural ventilation system to combat corrosion and 5.375" deck clearance enables easy cleanout.



## EXTREME SUPPORT

Massive 16" I-beams provide maximum weighbridge support for truckloads up to 135 tons.



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### THE DIAMONDBACK DIFFERENCE

Thurman's new DiamondBack XD Steel Deck Truck Scales are built extra-tough to handle the monster truckloads typical of extreme weighing applications. This dynamic new line boasts the greatest load capacity and overall weighbridge strength of any off-road steel deck truck scale that's carried the Thurman name. It's also packed with standard features that other manufacturers quote as extras.

- **CLC Advantage**

The DiamondBack XD features the highest Concentrated Load Capacity of any scale in its class — 130,000 lbs.

- **Deflection Advantage**

The DiamondBack XD weighbridge is designed to experience the least possible bending when load is applied. This ultra-low deflection ratio (1:2600) means that your DiamondBack XD was built to outlast all the competition.



**THURMAN**  
SCALE  
TOUGH SCALES FOR TOUGH JOBS

## EXTREME ENGINEERING FOR EXTREME WEIGHING APPLICATIONS

- Intalogix® Technology provides advanced lightning/surge protection and unsurpassed load cell diagnostics.
- CheckLink™, Thurman's unique, maintenance-free, self-checking parallel link suspension system provides full 360° shock suspension.
- Diamondback XD weighbridge modules can be configured to create standard length scales from 60' to 80'. Custom lengths available.
- 100,000 lb. capacity load cells enable 135 ton scale capacity.
- Diamond deck tread promotes tire traction and deck durability.
- Deck thickness of 3/8" promotes scale longevity.
- Armour Guard protects electronic component cabling.
- Two-component, chemically cross-linked, acrylic urethane industrial coating system.

## DIAMONDBACK XD SCALE OPTIONS

Instrumentation



Traffic signals



Rub rails



Remote displays



Ticket printers



Deck runners



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### 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.

#### SPECIFICATIONS

##### Platform sizes

- Widths . . . . . 10' to 14' standard
- Lengths . . . . . 60' to 80' standard  
(custom lengths available)

Scale capacity . . . . . 135 tons

##### Concentrated load

capacity (CLC) . . . . . 130 k

Sections . . . . . 4 to 5

Deck construction . . . . . Welded steel deck plate

Deck height . . . . . 21.625 inches

Product assembly . . . . . Modular

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

##### Load cell

- Capacity . . . . . 100,000 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

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



### LOCAL AUTHORIZED THURMAN DISTRIBUTOR

Call toll-free:

**(800) 688-9741**

Call between 8:00 a.m. – 5:00 p.m. Central Time  
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