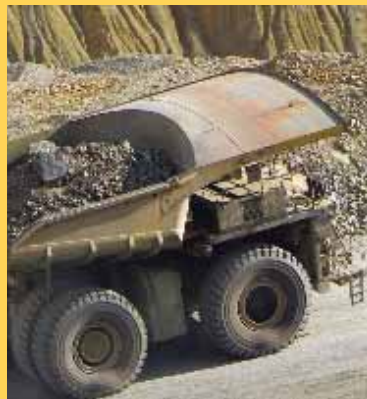


Heavy Capacity Vehicle Scales



MONITOR Series • ENTERPRISE Series • NAUTILUS Series

Weighing Vehicles Since 1897





GSE Driving Forward

Heavy Capacity Vehicle Scales

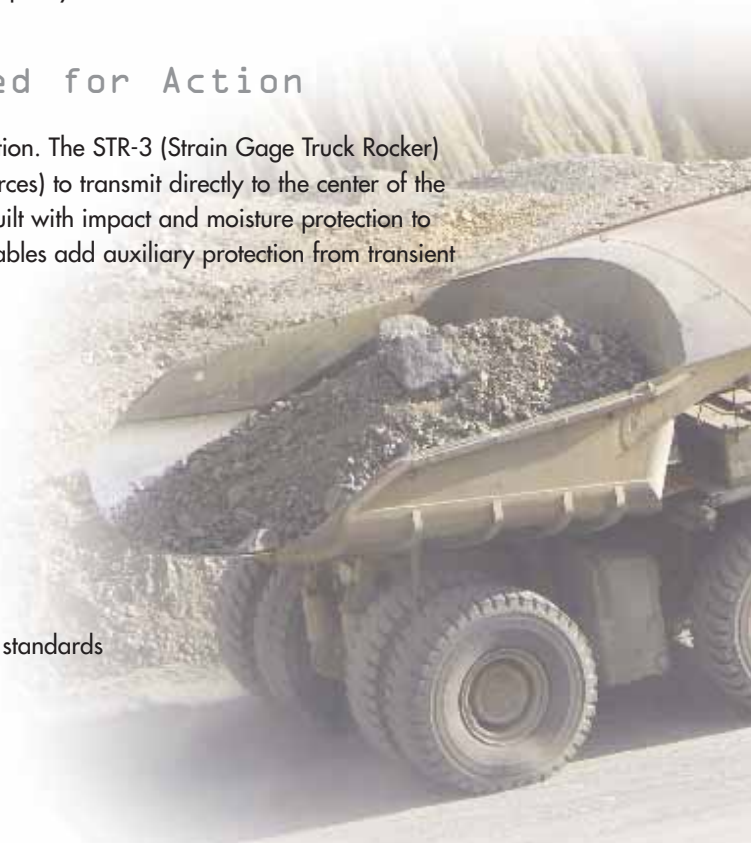
Imagine an NTEP approved weighbridge and unlimited weighing cycles for 20 years. Imagine hermetically sealed, stainless steel, self centering load cells and elegant components. Imagine mud, debris, ice and snow removal aren't a problem. Dual axles are handled with ease. Imagine an innovative, built-like-a-road design made to last even in off-road applications. In reality, it is the complete line of Heavy Capacity Vehicle Scales from GSE.

and STR-3 Load Cells Designed for Action

A heavy duty scale starts with a rugged load cell designed for action. The STR-3 (Strain Gage Truck Rocker) load cell has a spherical top and bottom which allows LF (load forces) to transmit directly to the center of the load cell. This minimizes deflection and reduces wear and tear. Built with impact and moisture protection to IP68 Standards. FM approved for Hazardous locations. Bypass cables add auxiliary protection from transient sources of electrical damage.

STR-3 Load Cell Features

- **2 Year Load Cell Warranty**
- NTEP Approved, Legal-for-Trade
FM Approved
- 66,000 lb Full Capacity
- 10,000d Resolution
- Stainless Steel, welded construction
- Hermetically sealed, Impact and Moisture protection to IP68 standards
- Matched outputs for simplified calibration
- Transient Bypass Cables
- Extended Lightning Protection Package Option



MONITOR Series

Low Profile • Steel Deck • Above Ground

The Monitor, a low profile, steel deck vehicle scale, is ideal for applications that require quick installation, and future expandability. Flexure plates, and the simplified mounting design allow the scale to "float" on the self centering load cells; minimizing load errors, and deflection. Side access to load cells simplifies debris removal in harsh environments.

Vehicle Scale Features

- **5 Year Weighbridge Warranty**
- NTEP Approved
- 100 ton Gross Capacity:
 - 35 ton DTA (dual tandem axle) Rating
 - 35 ton CLC (concentrated load capacity)
- Widths: 10 ft, 11 ft, and 12 ft
- Lengths: Variable by Adding Modules
- Side access to load cells for easy cleaning

Options

- Multi-axle version
- Heavy Duty Weighbridge for higher point loads
- Heavy Duty Tread Plate Top ($\frac{3}{8}$ " to $\frac{1}{2}$ " *Consult Factory*)
- Top Access to load cells
- Side Rails
- Specialty finishes and coatings

ENTERPRISE Series

Low Profile • Concrete Deck • Above Ground

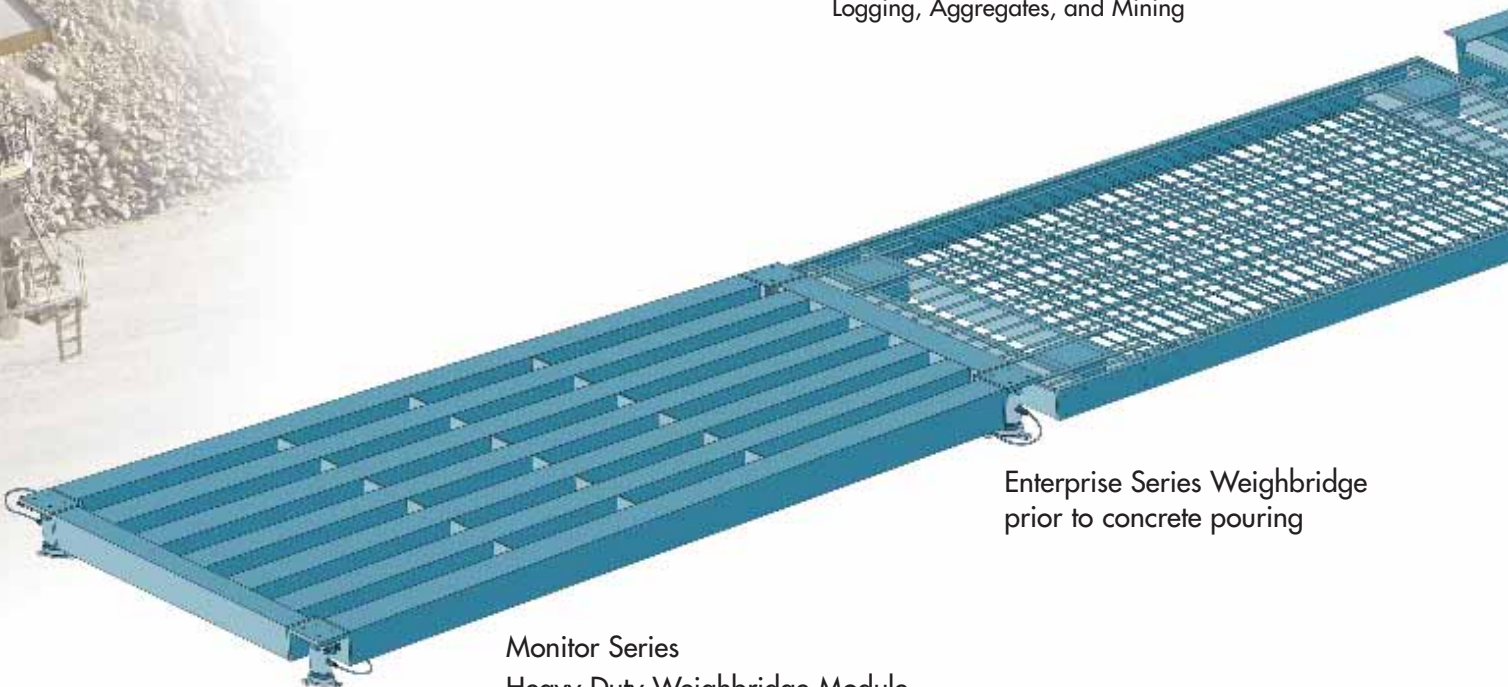
The Enterprise is a low profile, concrete deck vehicle scale designed to the same standards as a concrete bridge or roadway. With the monolithic weighbridge, double mat of rebar, and 10" poured concrete deck, it is the perfect design for demanding application needs. The sheer deadload outweighs most vehicles; eliminating the stresses endured by competitor's lighter weight vehicle scales. Full 20 year weighbridge warranty.

Vehicle Scale Features

- **20 Year Weighbridge Warranty**
- NTEP Approved
- 100 ton Gross capacity:
 - 35 ton DTA (dual tandem axle) Rating
 - 35 ton CLC (concentrated load capacity)
- Widths: 10 ft, 11 ft, and 12 ft
- Lengths: Customized to your application specifications
- Top access to load cells

Options

- Factory assembled Weighbridge (10 yr warranty)
- Side Guide Rails or Concrete Curbing
- Shallow Pit
- Deck Heater
- Specialty finishes and coatings
- Specialty Scale Versions:
 - Livestock, Grain Dump, Multi-Axle
 - Logging, Aggregates, and Mining



Monitor Series
Heavy Duty Weighbridge Module

Enterprise Series Weighbridge
prior to concrete pouring

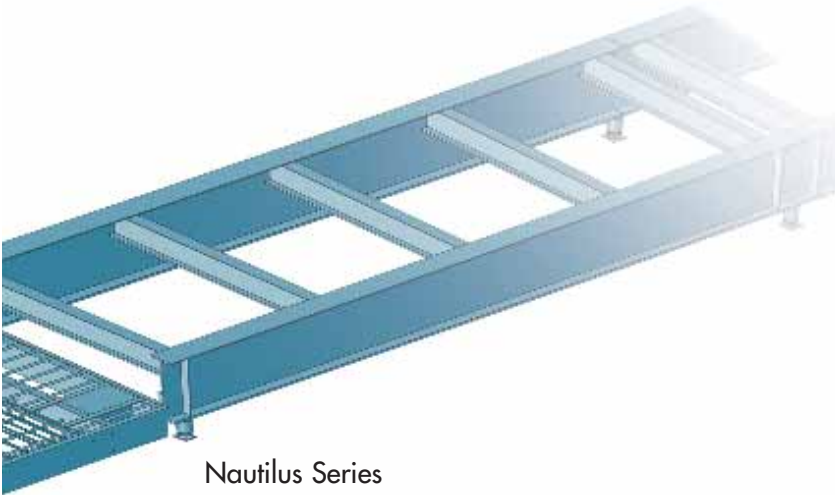
NAUTILUS Series

Closed/Open Pit Type
Concrete/Steel Deck

The Nautilus, with massive weighbeams and vertical supports, is designed for decades of use in heavy duty applications. Our concrete, and optional heavy duty steel deck versions are made for off-road vehicles, extreme operating environments, and specialty applications. When limited space is available for a vehicle scale, this pit type scale is the perfect choice.

Vehicle Scale Features

- **Concrete Deck:**
10 Year Weighbridge Warranty
- **Steel Deck for Over-the-Road Vehicles:**
5 Year Weighbridge Warranty
- NTEP Approved
- 100 ton Gross Capacity
 - 35 ton DTA (dual tandem axle) Rating
 - 35 ton CLC (concentrated load capacity)
- Widths: 10 ft, 11 ft, and 12 ft
- Lengths: Variable by Adding Modules
- Top Access to Load Cell Design for confined areas



Nautilus Series
Weighbridge Understructure

Options

- Extra Wide/Extra Heavy Duty Versions
- Heavy Duty Weighbridges (Steel Deck)
- Multi-axle
- Additional Manholes for Top access
- Specialty finishes and coatings

VEHICLE SCALE Series

Packages Include:

- Stainless Steel Load Cells
- Summing box(es), NEMA 4
- Bumper bolts, and assemblies
- Base plates, anchor, and leveling bolts
- Transient Bypass cables
- Grounding Rod(s)
- 100 ft Copper grounding wire
- Installation and Maintenance Manual
- Certified Foundation & Assembly Prints
- Fabrication prints for Bulkheads and Pit coping

MONITOR SERIES Also Includes:

- Weighbridge Module(s)
- 4 weighbridge lifting/positioning lugs

ENTERPRISE SERIES Also Includes:

- Weighbridge and Nest Assembly Components
- Color Coded Deck Rebar

NAUTILUS SERIES Also Includes:

- Weighbridge Support Modules
- Deck Coping Channel





GSE Vehicle Scale Support Products

- 60 Series Indicators
- Wedge Plus™ Software
- Custom Application Programming
- Printers
- Remote Displays



Digital Indicators, Software, Remote Displays & Peripherals Complement Every Vehicle Scale

60 Series Programmable Indicators: The 460/560/660 Series delivers precision weighing accuracy. The Truck In/Out program, an exclusive, pre-programmed turnkey application, is easy to use as-is or customize for your application specifications. The 60 Series has flexible software options for configuring your vehicle scale and advanced field bus communication capabilities for networking.

Custom Application Programming: Rabbit™ Software and the User C Development Kit allow your distributor to customize your instrumentation beyond factory standard applications.

Wedge Plus™ Software Wedge Plus™ Software with ActiveX controls allows uploading/downloading of databases, and collects real-time data. Customize the user interface by incorporating it with the 60 Series Truck In/Out program for reports, inventory, truck management systems, and etc.

Printers & Remote Displays Send data to any Printer or Remote Display from our extensive line of peripherals. Whatever your application, GSE delivers a complete solution.



Specifications

MONITOR Series			
Length (feet)	Capacity (tons)	DTA (tons)	# Load Cells
10', 20', 23' 4"	40 t	35 t	4
40', 46' 8"	60 t	35 t	6
60', 70'	100 t	35 t	8
80', 93' 4"	100 t	35 t	10
100', 117' 8"	100 t	35 t	12
ENTERPRISE Series			
Length (feet)	Capacity (tons)	DTA (tons)	# Load Cells
10', 20', 25'	40 t	35 t	4
40', 45'	60 t	35 t	6
50', 60, 70	100 t	35 t	8
80', 90'	100 t	35 t	10
90' + Available, Consult Factory			
NAUTILUS Series			
Length (feet)	Capacity (tons)	DTA (tons)	# Load Cells
10', 20', 25'	40 t	35 t	4
40', 50'	60 t	35 t	6
60'	75 t	35 t	6
60', 70'	100 t	35 t	8
80', 90'	100 t	35 t	10
90' + Available, Consult Factory			

Standard Widths are 10 ft, 11 ft, and 12 ft

DTA (tons)=Dual Tandem Axle Rating



...More Weighing Solutions for Heavy Capacity Applications



AIRCRAFT BALANCING SYSTEMS

Airfield or Hangar Systems



LIVESTOCK SCALES

Electronic or Mechanical



RAILROAD TRACK SCALES

Twin or Full Bridge – AREA Rated
(American Railway Engineering Association)

MECHANICAL TRUCK SCALES

Econoweigh, Portaweigh, & Roadweigh Series

COIL SCALES & SPECIALTY SCALES

Electronic and Mechanical

CONSULT FACTORY FOR CUSTOM APPLICATIONS



Your Local Distributor is:

SPX GSE Scale Systems
42860 Nine Mile Road
Novi, MI 48375 USA
Toll Free: 866-622-1990
Fax: 317-462-6199
www.gse-inc.com

Lüripper Straße 62
41065 Mönchengladbach Germany
Phone: 0049 (0) 2161-59906-11
Fax: 0049 (0) 2161-59906-20
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