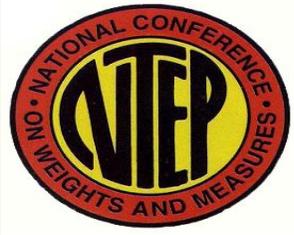




# Portable Axle Scales Heavy Duty and Semi-Portable

*Technology to weigh  
and balance the world*



**Over 45 years as  
the leader in the  
field of heavy,  
portable scale de-  
sign and manufac-  
turing**

GENERAL  
ELECTRODYNAMICS  
CORPORATION

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When it comes to heavy duty axle scales design, GEC has the know-how. For over 45 years, GEC has led the field in heavy-duty scale design and manufacturing.

Three sizes and capacities from which to choose. Whether you choose the MD700, MD1100, or MD1200, you are choosing high-performance scales designed to withstand the rigors of military and regulatory weighing. All the MD series Axle scales make use of a unique load cell design and made of only the highest quality materials resulting in consistent high accuracy, repeatability, and longevity not found in similar scale systems. With a capacity up to 120,000lbs., our semi-portable axle scales can handle virtually any heavy duty weighing job almost any extreme application.

Solid Aluminum Weigh Bridges can take high volume weighing without fatigue or failure. They are made of high-strength 6061-T-6 with a diamond tread plate surface— eliminating downtime caused by welded steel and aluminum bridge failures.

**Fully Electronic Load Cell Design**  
GEC uses an NTEP Certified Fully Electronic Load Cell to obtain the highest accuracy. Hermetically sealed, these fully electronic shear beam load cells are moisture proof and provide pinpoint accuracy throughout a wide temperature range. Our load cells are Certified to 5,000 Divisions by NTEP, National Institute of Standards & Technologies.

**Easy Setup** GEC semi-portables are proven as the most reliable and trouble free axle scales.



# Axle Scales

## Specifications and Options

### MD 700

<b>Overall Length</b>	11'
<b>Length</b>	7'
<b>Width</b>	30" "to 36"
<b>Height</b>	3.5"
<b>Capacity</b>	90,000 lbs.

\*Also available in split axle configuration

### MD 1100

<b>Overall Length</b>	14.5'
<b>Length</b>	11'
<b>Width</b>	30" to 36"
<b>Height</b>	3.5"
<b>Capacity</b>	120,000 lbs.

\*Also available in split axle configuration

### MD 1200

<b>Overall Length</b>	16'
<b>Length</b>	12'
<b>Width</b>	30" to 36"
<b>Height</b>	3.5"
<b>Capacity</b>	120,000 lbs.

\*Also available in split axle configuration.

**Detachable End Ramps.** Our axle scales can be used above ground or recessed in shallow pits for semi-permanent applications.



These Portable Axle Scales are configured in pairs to communicate either wirelessly or through Interconnect cables to our CPU. Our CPU receives an RS485 output signal from the scales for less interference and higher accuracy. Our unique scale design allows you to add additional sections for more capacity and longer weighing areas. All scale calibration is stored at the scales meaning all A to D conversion is performed at the load cell. Quick disconnect cabling is used for fast and easy setup and take down.



**Weight Indicator WI300.** This NTEP certified instrument receives the weight either through wireless communications or RS485 cabling. The WI300 is user friendly, has an accumulate option and can accept over 5,000 weighing features with over 300 vehicle I.D. in/out modes. The WI300 is self contained in a durable mil-spec. case and can be equipped with either an internal or external printer to print custom formatted weight and center of balance forms.

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