

MSI - 5400

AxleMAX

Portable axle scales for the trucking industry



*A Straight Approach to Improve Your Bottom Line
Load to the maximum – No more overload fines!*



MAXimize Portability

MAXimize Versatility

MAXimize Time Savings

MAXimize Ease of Installation

MAXimize Weighing Accuracy



AxleMAX provides quick and accurate confirmation of axle weights before you hit the highway.

"We weigh quality first"



Measurement Systems International

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- **Modular Twin Weighbridge Design**
- **Fully Electronic – No Moving Parts to Wear Out**
- **Extremely Rugged Construction for High Volume Use**

In the trucking industry, it is important to maximize the efficiency of your fleet and avoid unnecessary expenses (today more than ever...). Through the use of MSI's AxleMAX weighing system, trucking companies can accurately load their vehicles to maximum gross capacity at the point of loading and ensure the weight is properly dispersed over the axle groups.

The benefits are tremendous – improved fleet efficiency, reduced wear to your tractors and trailers, confirmed compliance with axle load requirements (avoiding both costly overload fines and jeopardized insurance coverage) and the always important, enhanced safety during your haul over the road.

AxleMAX System

The MSI-5400 AxleMAX is a complete weighing system that is designed for high volume use in harsh environment locations. The standard system configuration includes twin weighbridges that are manufactured from high strength, structural steel. Each weighbridge contains a pair of sealed load cells that have been extensively tested to withstand extreme dynamic loading and are proven reliable under adverse operating conditions. A MSI-9002 Summing Box is provided with each system.

Users can choose the type of indicator and/or display

options that best suit their needs. Digital weight indicators, remote scoreboard displays, stop-and-go light sets and RF wireless systems featuring MSI's innovative CellScale are all available. Many facilities employ a combination to maximize their operational efficiencies and obtain the greatest return on their investment.

AxleMAX Versatility

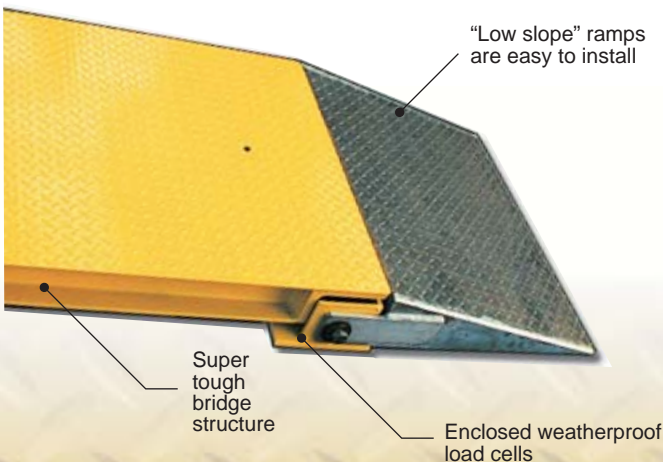
The modular design and portability of the AxleMAX system allows it to be used as your needs require. With the optional ramps installed, the system can be moved from one location to another for use at temporary loading sites. Remove the ramps and the system can be flush installed at its home location.

AxleMAX Time Savings

Many trucking companies go to public scales to verify their weights. In addition to the fees for weighing at these locations, there are also the time and fuel costs for your driver and vehicle. With the MSI-5400 AxleMAX system installed at your facility, you will avoid these expenses.

AxleMAX Indicator / Display Options

All indicators and displays include options for AC, DC or Battery power input. The standard digital weight indicator option is the MSI-3650 configured with RS-232 I/O and Real Time Clock for driving hardwired remote scoreboard



Above Ground Installations – Quick and Easy!

The most efficient place to check-weigh your vehicle's axle and gross weight is at the point of loading.

Detachable ramp sets are offered for "above ground" installations. Each set includes 4 steel ramps and required hardware. The ramps are designed with a low slope and do not require the weighbridges be anchored for use (saving time). Maneuvering the weighbridges with or without the ramps installed is easily accomplished with removable lifting eyebolts.

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- **Simple Setup and Operation**
- **No Deep, Expensive Pits Required**
- **Removable Lifting Eyebolts for Easy Maneuvering**

displays or tape printers. This has proved to be the ideal setup for “above ground” installations at temporary loading sites and portable use.

For “in ground” installations, the MSI-3650-A digital weight indicator option is available to best optimize operational efficiencies. The MSI-3650-A is configured with a second isolated RS-232 I/O, set point relay outputs (7 available), Real Time Clock and AxleMAX Truck Weighing Software (special programming for the control of stop-and-go light sets). Everything required to fully automate the check-weighing process by an individual driver is provided with this option.

CellScale Wireless Network Solutions are ideal for installations where hardwired indicators and displays require extensive installation costs or are prohibitive due to constraints at the site. The MSI-5400 AxleMAX easily integrates with CellScale components to create an advanced RF wireless system. With the MSI-9000 CellScale serving as the central controller, multiple indicators, scoreboards, displays and/or modems can be communicated with simultaneously. Log the weighing information on a PC in your office for record keeping, tracking and analysis to further improve operational efficiencies! CellScale Network Solutions make it all possible.

An additional benefit to integrating CellScale with the MSI-5400 AxleMAX comes when your facilities change. Without wires to excavate and relocate, reconfiguration of your operation can be accommodated in less time at significantly lower costs.



Your Performance Guarantee

AxleMAX is backed by MSI's exclusive limited warranty and is guaranteed to perform to your highest expectations. Quality sales, service and installation are provided by MSI's worldwide network of factory-authorized distributors. Your local distributor can give free product demonstrations and provide answers for your specific weighing application. If you would like additional information on the MSI-5400 AxleMAX, other MSI products or locate the distributor nearest you, contact MSI at 206-433-0199, toll free 800-874-4320 (U.S. and Canada) or visit our website at "www.msiscals.com".

In Ground Installations – Simple, Low Cost Construction!

To flush mount the MSI-5400 AxleMAX system “in ground” at your truck terminal or distribution center, only minimal saw cutting and material removal is required to pour a shallow concrete pit. An optional construction kit is available to expedite the process of creating the pit to the specified dimensions. An “in concrete” heating system is available for cold weather climates.

The center section is manufactured from the same materials used in the weighbridges and is recommended for “in ground” installations. In addition to enhancing safety, its physical size maintains the proper location of the weighbridges in the pit.

Typical in ground installation

