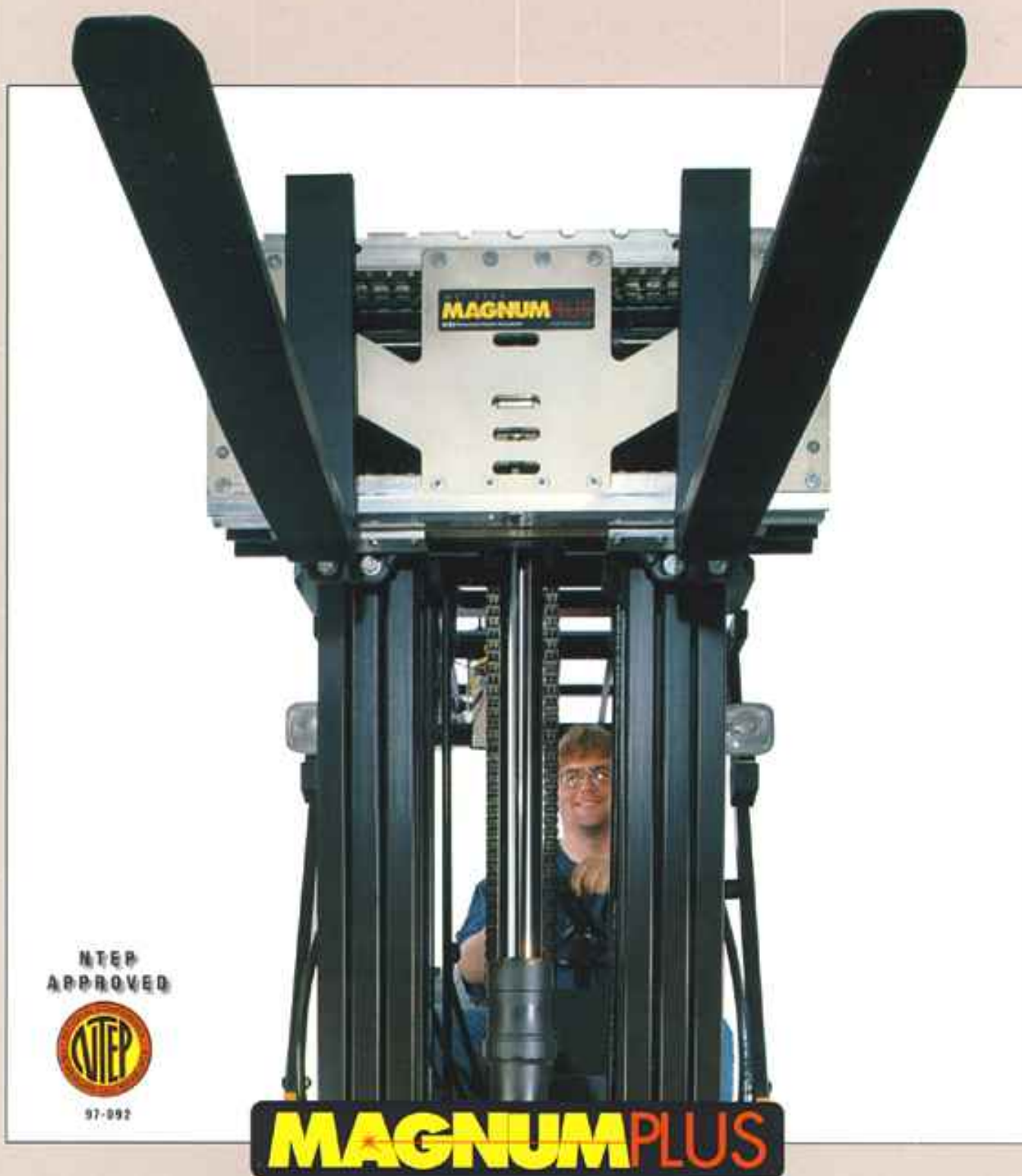


MSI - 3700 MAGNUM PLUS

ELECTRONIC LIFT TRUCK SCALES



NTEP  
APPROVED

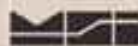


97-092

**MAGNUM PLUS**

MSI - 3700

YOUR NON-STOP MATERIAL WEIGHING AND HANDLING SOLUTION



Measurement Systems International

# MSI-3700 Magnum Plus



## Reliable scales for tough applications

The MSI-3700 "Magnum Plus" is an innovative break from conventional lift truck scales. While other models rely on sheer bulk for strength, the Magnum Plus incorporates advanced design concepts to provide a unique set of product advantages.

### Minimize your lost lifting capacity

Although you will always lose some lifting capacity when adding an attachment to your lift truck, you can minimize the loss. Magnum Plus reduces the loss more than any other scale because it addresses the cause: load center shift. The solution is an attachment that is lighter and narrower. At 165 lbs (75 kg), Magnum Plus is the lightest lift truck scale available. Its advanced design, which utilizes materials with high strength-to-weight ratios, reduces mass and bulk without compromising strength. Magnum Plus maintains a 200 percent safe and an ultimate overload rating of 500 percent.

### A single load cell for simplicity

A single load cell system like the Magnum Plus is the most practical and efficient weighing design for lift truck scales. Unlike multiple load cell designs, it is simple for you to calibrate and maintain. It eliminates the problems associated with multiple load cells, which often must be adjusted painstakingly.

### You can avoid extended downtime and expensive repairs

Unlike other models, which put multiple load cells at risk of damage from overload, the Magnum Plus load cell will never cause you downtime or expensive repairs. Excessive loads never reach the load cell because it is guarded by a double-protection system. A series of mechanical overload stops transfer shock loads through the truck. If there is a severe shock such as a collision, the Magnum Plus also utilizes flexures that give way like a fuse before the load cell can be damaged. Flexures can be replaced easily in the field without special tools or welding, and they are a fraction of a load cell's cost.

### Indicators stretch your weighing system capabilities

Your weight indicator is a critical component of your lift truck's weighing system — its functions and durability determine how and where you can use your lift truck. MSI created the 3650 digital weight indicator specifically for lift truck applications. Its full feature set helps you to manage inventory, quality control and commerce applications with ease. You can generate customized reports simply with an optional printer. And its rugged construction resists industrial abuse.

### Your performance guarantee

Magnum Plus is backed by a one-year warranty, and is guaranteed to perform to your highest expectations. Quality sales, service and installation is provided through MSI's worldwide network of factory-trained representatives. If you would like additional information on the Magnum Plus or other MSI products, you can call or write to MSI, or browse web site "[www.msiscales.com](http://www.msiscales.com)".



*Advanced, rugged construction.*

*Strategically placed viewholes provide better operator visibility when picking loads.*

*Single load cell design offers 0.1 percent accuracy.*

*Installation is quick, easy and requires no permanent modifications to your lift truck.*



# Lift Truck Scales

## STRETCH YOUR WEIGHING SYSTEM CAPABILITIES

### MSI-3650 ▶

Simple to read and operate, the MSI-3650 indicator is a perfect complement for Magnum Plus.

Dozens of built-in functions like totalizing and product codes help you to manage any scaling application.

A large, backlit display and digital filtering ensure accurate weight readings in all conditions.

Shock-mounted electronics and a rugged NEMA IV enclosure are made for industrial abuse.

MSI indicators connect easily to gas or electric-powered lift trucks.



### optional MSI-3750 ▶

MSI's most versatile indicator maximizes system flexibility.

A unique software package calculates pertinent statistics for inventory and quality control reports.



### optional Printer ▶

Generate customized reports instantly so you will have a record of daily activity.



## The Magnum Plus concept: saving you time, space and money

- **Accuracy.** Magnum Plus delivers an accuracy of 0.1 percent of the truck's rated capacity, no matter whether you place the load on one fork, both forks, heel or toe. So the benefits of portability are achieved while maintaining accuracy. An optional NTEP configuration is available for commercial trade applications.
- **Weighing Mobility.** Weighing incoming/outgoing materials on a lift truck can be far more efficient than transporting your loads to a distant floor scale. Magnum Plus allows you to lift, weigh and transport materials in a single, timesaving operation.
- **Space Conservation.** The Magnum Plus requires no dedicated floor space, but a floor scale may take up to 16-25 square feet of premium floor space that you could use for more productive purposes.