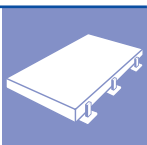


Load Cells



Weighbridge



Indicators



Lightning Protection



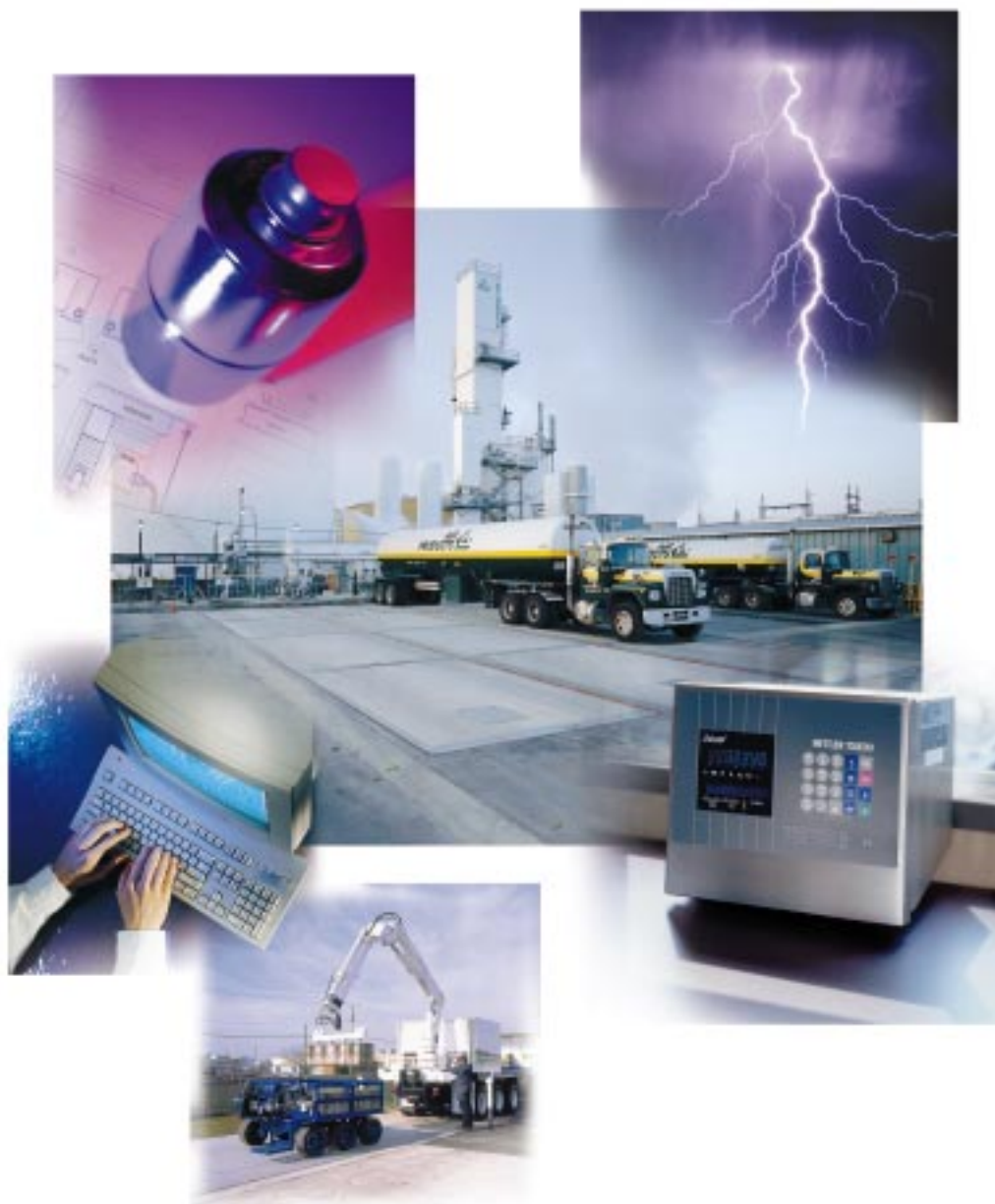
Software



Delivery



Service



**The Value of the Whole
Exceeds the Sum of the Parts**

METTLER TOLEDO

With METTLER TOLEDO's Integrated Capability...

Combined Value Creates a Stronger Product Solution

TRUCKS
PER DAY

With a complete line of vehicle scale products, accessories, and services METTLER TOLEDO can provide the solution that best meets your needs. This brochure gives an overview of all of the considerations in selecting a vehicle scale and its components.



Load Cells

The type of load cell used in heavy capacity scales is critical to long-term performance. The digital technology used in our rugged load cells provides more robust electronics and greater resistance to lightning damage, reducing maintenance costs and increasing uptime. Unlike analog load cells, digital cells with a built-in microprocessor transmit a powerful signal...about six million times stronger than analog signals. Built-in diagnostics simplify service and maintenance. Designs are based on the reliable technology used in our proven POWERCELL® load cell, with over 250,000 installed worldwide.



Weighbridge

It is very important to match the scale platform – or weighbridge – to the specific application. Misapplying a weighbridge will always cost the scale user more in the long run. To determine which weighbridge is right for you, we list two rating criteria for each scale. The first is the Concentrated Load Capacity (CLC) and the second is the Duty Cycle. Duty Cycle refers to the average number of cycles per day that a weighbridge has been designed for. We have classified each of our weighbridges as Commercial Duty, Cycle Duty, or Extreme Duty.

Truckmate® vehicle scales consists are modular scales. By combining standard modules we can supply virtually any length of scale. Concrete deck and Orthotropic Steel deck weighbridges are available. Additional options include Axle scales, Multi-Axle weighing, Full Frame portability, manholes and side rails. Each of these scales can be installed in either an above-ground foundation or in a pit.

Truckmaster® vehicle scales are constructed from wide flange beams in two configurations. The first is an integral side rail, bolt-together, above-ground scale. The second is a pit scale. Both scales have concrete decks and are based on proven structural steel designs.

Railmate® products are designed to weigh virtually any rail car. All scales are designed in accordance with the AAR Scale Handbook including Cooper E-80 loading. Different models have been developed to weigh statically, Coupled In-Motion (CIM) or provide the flexibility of weighing both rail cars and over-the-road trucks.



Indicators

METTLER TOLEDO manufactures vehicle scale indicators and terminals to meet every need:

- Whether your need is for basic transactions, or for complex data handling when information will be sent to a PC.
- For a single operator or multiple operators.
- When the scale is either attended or unattended.
- If one instrument must handle multiple scales.

Special enclosures and remote displays are available. We can provide an indicator or terminal to match your precise application.



Lightning Protection

METTLER TOLEDO's Lightning Protection is a 360° Grounding System designed to maximize uptime. It consists of independently tested equipment designed specifically to prevent lightning from damaging load cells and instrumentation. You get real protection... not just a warranty.



Software

What you do with the data from your scales is the most important consideration for deciding what software you need. Are your needs simple or complex? Our top-of-the-line WinBridge® Vehicle Scale Management Program is a powerful vehicle scale software package with an easy-to-use MS Windows® format that makes vehicle transactions easier. It helps make your operators more productive by simplifying inventory control and billing procedures.



Installation

Consider everything. How qualified is the installer? Do you need to supply tools and equipment...or rent a crane? How much time will be needed? In the U.S. virtually all METTLER TOLEDO vehicle scales can be delivered on our unique delivery truck. Plus the driver is a fully qualified installation specialist. The truck includes a specially designed crane to set scale modules in place...no need to rent a crane. The complete scale is delivered on this self-unloading truck. The driver installs the scale...typically in less than a day.



Service

METTLER TOLEDO's Heavy Capacity Service Program provides scale technicians who have been trained and certified in heavy capacity service. Heavy Capacity Test Trucks and equipment are available to certify scales. Preventive Maintenance, Inspection and Calibration services can be included, as well as standard and custom Service Agreements and Emergency Service. Response time is fast virtually everywhere in the world from a nearby service location.

METTLER TOLEDO

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www.mt.com

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