



► **Truck Scales**

February 2007

**MODEL NT - 3**

**Steel Surface or Pit Mounted Weighbridge**



Our long time experience in the field of industrial weighing, added to inventive engineering and excellent technological resources enable us to lead the market in many areas of weighbridge design and production.

A typical example is the NT-3 weighbridge, a

← **Pit mounted version**  
*or*  
**Surface mounted version** →

providing a free load carrying structure with an impressive life span.



**NT- 3 Surface version  
(18x3 with option side rails)**

With our model NT-3 we offer you the opportunity to select a suitable pit mounted weighbridge appropriate for transversal crossing of the truck. The installation time for the NT-3 usually takes less than one day.

All weighbridge components are **fully compliant to the European regulations** and for legal metrology and to strict quality standards, offering a scale that will weigh accurately and trouble free over a lifetime under the harshest conditions.

Based on our design and installation manuals, we offer to the customer a complete scale at economic cost, ensuring at the same time high standards in quality and reliability. Key items like load cells and very latest in weighbridge instrumentation are provided by us.

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**GENERAL DESCRIPTION**

**Surface or pit mounted installation options**

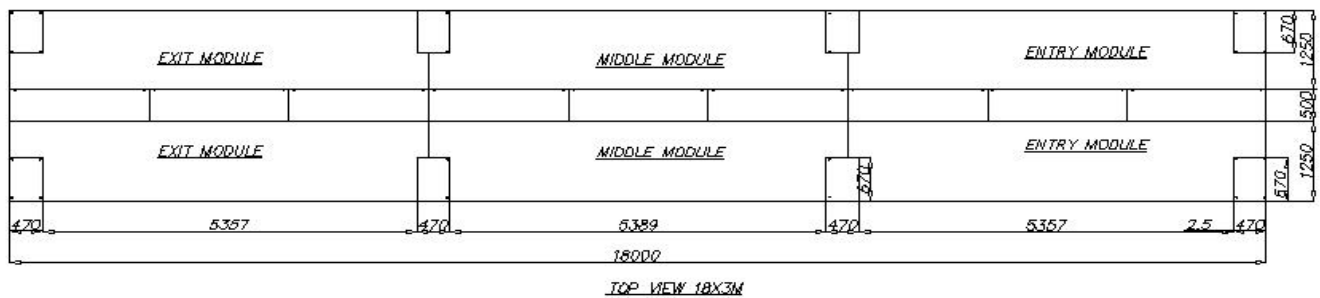
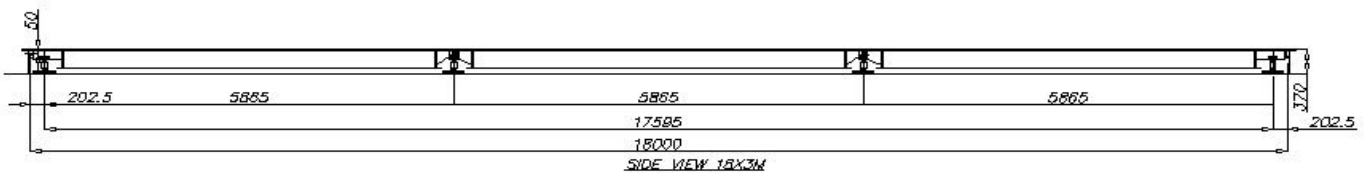


- Complete steel and modular construction
- Approved to OIML and EU regulations.
- Overcomes DIN 8119 calculations.
- A standard 2000kg capacity forklift truck is enough for loading / offloading and for the installation work
- The modules (drive sections) are connected across with connective beams for the easier transportation and assembly of the Weighbridge
- Fully covered. Appropriate for transversal crossing of the truck
- Valuable on sites where space is a problem
- Excavation work is required for the pit construction on site
- Available Heavy Duty 18x3 model according DIN 1072 calculations

The only difference between the two options is that the surface scale is not for transversal crossing of the truck. On the contrary pit mounted scale is appropriate for transversal crossing of the truck.

**STANDARD VERSIONS:**

Dimensions	Number of load cells, model ASC, 30tn	Capacity
6x3m	4	40tn
8x3m	6	60tn
12x3m	6	60tn
14x3m	8	70tn
16x3m	8	70tn
18x3m	8	70tn
18x3m	10	100tn





## WEIGHBRIDGE COMPONENTS

### Weighbridge terminal LD5218

This state-of-the-art terminal comes with software dedicated to handle weighbridge operations and:

- a stainless steel IP65 housing
- a large 16-character LCD, backlight display - display resolution up to 990,000div.
- an integrated alphanumeric keyboard with tactile feedback for data entry, operation and programming of weighing data
- with RS232 serial port for connection with PC or printer; with standard additional RS485 serial port for connection to remote display
- with tilt input and two digital outputs (set points)
- complete with real time clock and totalizing memory
- mains power supply (85-265VAC)



### Load cell ASC

The ASC has proven to be the most reliable solution in hundreds of weighbridges installed over the world with a minimum failure rate.

- high precision component, with built-in surge protection tubes,
- certified to OIML R60, 6000d, with a protection rating of IP68.
- stainless steel construction and complete hermetic sealing, which makes it suitable for use in the toughest industrial environments.
- designed in combination with a low cost self aligning rocker assembly unites excellent load introduction with a low profile outline.

Each weigh module arrives with the load cells already integrated, each with a 18m shielded signal cable for connection to the central junction box. while protective conduits for the load cell cables are part of the standard supply.



### Fanfold printer type EPSON LX-300

The printer EPSON LX300 prints the weigh tickets. We can also provide the weigh tickets where the customer can print the details that he needs (for example the company name, address, telephone number etc.) via a programme that we install in the memory of the electronic weigh tickets.



### LEWIS, Truck Scale Operations Management

**Lewis** is a comprehensive and user friendly software package, developed by Leon Engineering for weighing and vehicle flow control in weighbridge applications

