



► **Truck Scales**

May 2006



NT- 3 Pit version



NT- 3 Surface version

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 **surface or pit mounted steel version** providing a free load carrying structure with an impressive life span.

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.



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

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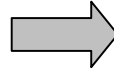
Web site: www.leon-engineering.com





GENERAL DESCRIPTION

Surface or pit mounted installation options

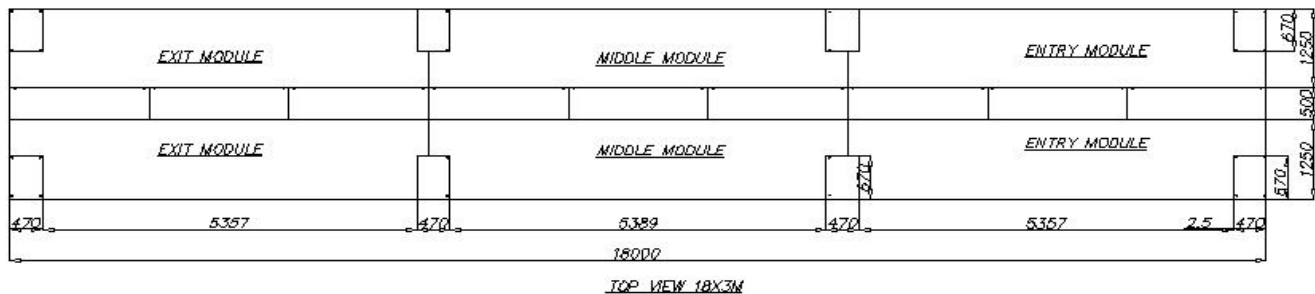
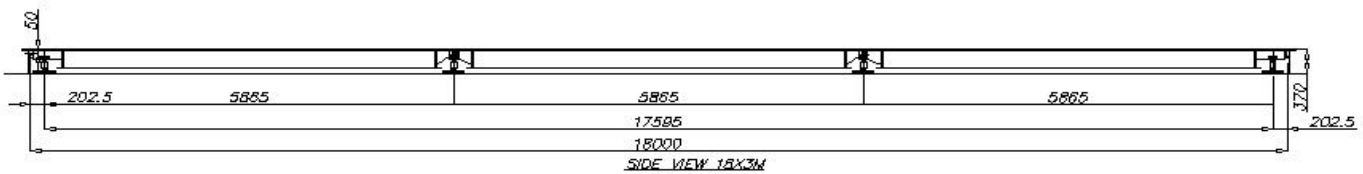


- Complete steel deck
- Designed for easy transportation
- Very easy to install
- Pit constructed on site
- The surface steel version is perfectly suitable for temporary sites
- Deck mounted on 8 or 6 compression type stainless steel load cells
- Connection to a wide range of terminals and printers
- Complies with EU-Type and OIML regulations
- Constructed according to DIN 8119

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





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

