

# Weighbridge 7800

Functional design and fast installation

## Highlights

- Built-in placement in pit
- Pre-fabricated solution
- Fast installation - just one day
- Relocatable solution
- Length up to 25 m
- Minimum preparatory work
- Cost-efficient investment



# Weighbridge 7800



## Hard-to-wear weighbridge for fast installation

Weighbridge type 7800 has a sturdy, functional design, making installation fast as well as simple.

The weighbridge is ideal for all weighing jobs, where a built-in weighbridge is the optimum solution.

The 7800 weighbridge is available as a single or double weighing solution. We naturally can supply a complete system, including data-terminals, traffic lights, barriers, video-surveillance etc.

In addition to the hardware we also designs and provide IT-systems for data-capture and PC-based automation systems, enabling us to supply our customers with the complete turnkey solution.

## Smart, functional design

The 7800 weighbridge is a high-quality, pre-assembled solution, made by the concrete top quality C45/55. It is fitted with robust stainless steel loadcells type RTN of the highest quality, which are placed on VEN-elastomer mounts, ensuring a very stabile and fast weighing operation, even of quite heavy vehicles. No high-maintenance guides and balls are used in the construction.

As the loadcells are pre-mounted in the weighbridge at delivery, the weighbridge is ready for placement in the foundation bed, resulting in very short installation time.

## Fast and easy installation

The 7800 weighbridge is simple to place and install - everything can be done in just one day, thanks to the pre-assembled construction and the pre-fitted components.

Supply of the weighbridge can take place in 3 ways:

1. the strip foundations are cast in the site by the customer
2. the strip foundations are supplied by Scanvaegt
3. the strip foundations are integrated in the foundation bed; - this provides a cheaper transportation and the only required preparatory work on the site is a pit with an even surface, finished off with a levelled layer of sand.

The 7800 weighbridge has many functional features, e.g.:

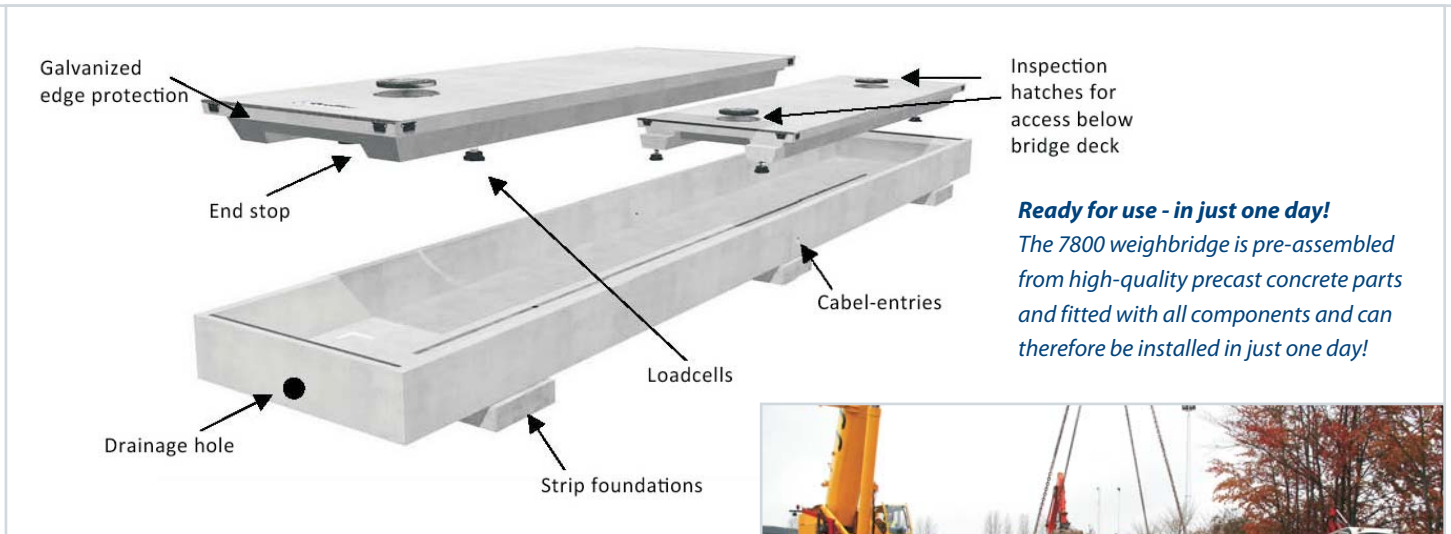
- 1% slope in the base of the pit for efficient draining-off of water and auto-cleaning function
- drain Ø110 mm in the ends of the foundation bed (std.)
- drain Ø110 mm in the base of the foundation bed (option)
- curbs for platform and bed (option).

The 7800 weighbridge can be delivered to installation sites in Denmark, Norway, Sweden and Europe and mounted for a fixed price.

## Accredited laboratory for calibration and verification

The Scanvaegt-group is accredited by the authorities and is approved as "notified body" by EU for verification of EU-type approved scales. We are also authorized to carry-out the compulsory re-verifications in Denmark and Sweden.

# ...hard-to-wear, flexible and functional!



### **Ready for use - in just one day!**

*The 7800 weighbridge is pre-assembled from high-quality precast concrete parts and fitted with all components and can therefore be installed in just one day!*



### **Flexible construction**

The weighbridge has a standard width of 3 m or 3.5 m and is available in lengths of 8, 10, 12, 16, 18, 20, 24 and 25 m. Special measurements is also possible.

The space-saving construction requires an installation depth of only 89 cm. There is easy access to the scale pit through inspection hatches in the bridge deck for inspection of the drainage system or cleaning of the pit.

As an option the weighbridge is also available as an extra-low version with an installation depth of 79 cm - an ideal solution for installation sites without sufficient excavation depth or with problems with the ground water.

All required information and excavation drawings for the 7800-weighbridge concept is provided by Scanvaegt, together with a complete assembly drawing of the entire system.

### **Numerous options are available for the weighbridge, e.g.:**

- curbs for platform and bed
- t-rubber profiles for platform gap
- lightning protection equipment
- construction for use in hazardous areas (Atex)
- custom colour to platform and foundation
- integrated heating in platform
- integrated drive-markings
- surface sealing
- all metal parts made in stainless steel
- all-round edge protection
- installation on sloping areas.

### **Technical specifications**

Weighing capacity	60 t (option: 80 t and 100 t)
Division	20 kg (dual range: 10 kg for 30 t weighing range)
Bridge deck: length	8, 10, 12, 16, 18, 20, 24 or 25 m.
Bridge deck: width	3 m or 3,5 m (option: other width)
Depth: foundation bed	88,5 cm (standard) - 78,5 cm (option)
Depth: strip foundation	40 cm (cast in installation site)
Loadcell type	Schenck Process RTN
Accuracy	Verification according to EU-directive EN45501/OIML R 76-1 kl. III scales for trade

### **The Scanvaegt total solution can include:**

- Project management
- Supply of soil and concrete
- Complete turnkey solutions (hardware & software)
- Total IT-systems
- Installation
- Verification with approval for trade
- On-site service
- All-inclusive service-agreements.

# Scanvaegt - a versatile partner

## Market leading supplier

Scanvaegt is a Danish company, established in 1932.

We develop, produces and market weighing systems, labelling solutions and inspection equipment, related IT-systems and traceability solutions.

Scanvaegt is market leading supplier of solutions for the food industry, the nonfood industry, the transportation-, energy- and environmental sector, the agriculture and the retail sector.

Scanvagt has 170 employees, head office in Aarhus, a nation-wide sales and service net in Denmark and subsidiaries in Norway and Sweden.

## The complete partner

Service and support are crucial factors in any type of production company and key words for Scanvaegt.

We provide comprehensive service and support facilities at disposal for our customers, we have a team of more than 75 competent technicians and specialists in local centres, who ensure our customers fast response.

Scanvaegt's service package comprises e.g.:

- preventive maintenance agreements
- training and instruction
- installation
- spare parts
- hotline support
- software service
- verification & calibration



The logo for Scanvaegt, featuring the word "scanvaegt" in a bold, lowercase, sans-serif font. The "s" is red and the rest of the letters are white. A thin vertical line is positioned to the left of the text.