

Type CS

CS Steel-Concrete Weighing Platform

40t-60t-80t



Product Description

With its robust construction, Esit's CS type concrete weighbridges offer considerable cost savings and a very long service life as compared to other models.

Easy-to-mount steel frames are fitted at the location where the scale is mounted and once reinforced with iron, they are filled with concrete. Although mounting the weighbridge is a little laborious, the savings and the superior features it provides make it worth the effort.

Stainless, non-decay and maintenance-free Esit CS weighbridges easily adjust to the weighing environment and are capable of withstanding heavy conditions. Since it is fully covered on top, it does not let in any dust, debris or mud.

CS weighbridges feature a modular structure with a width of 350 cm and are produced in various lengths from 4 m to 24 m. These are at least 50 cm wider than conventional scales, which ensures an easy and secure weighing operation.

Features

- Rubber pads
- Multiple load cells
- Low profile
- Steel cable housings
- Lightning protection
- Assigning incremental sequence numbers to every weighing ticket
- Memory capacity to store 100,000 weighing operations
- Capability to recognize vehicles of fixed tare values
- 10 user-definable ticket data fields
- Detailed reporting between given dates
- Ability to edit ticket and report formats
- Access to any data based on given criteria
- Printer connection
- Label and report printing
- Legal metrology approval
- CE certificate

Options

- Traffic lights
- Remote display
- Automatic vehicle recognition system
- External modem output

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Technical Specifications

Type	Nominal capacity (ton)	Minimum capacity (kg)	Division e=d* (kg)	Platform dimension (m)	Platform material	Number of load cells	Load cell type	Junction box	Indicator
040T-CS-0304-PWIT	40	400	20	3.5x4	Steel & Concrete	4	SC / CA	J-4	PWI-T
040T-CS-0306-PWIT				3.5x6					
040T-CS-0308-PWIT				3.5x8					
040T-CS-0310-PWIT				3.5x10					
060T-CS-0304-PWIT	60	400	20	3.5x4	Steel & Concrete	4	SC / CA	J-4	PWI-T
060T-CS-0306-PWIT				3.5x6					
060T-CS-0308-PWIT				3.5x8					
060T-CS-0310-PWIT				3.5x10					
060T-CS-0312-PWIT				3.5x12					
060T-CS-0314-PWIT				3.5x14					
060T-CS-0316-PWIT				3.5x16					
060T-CS-0318-PWIT				3.5x18					
060T-CS-0320-PWIT				3.5x20					
060T-CS-0322-PWIT				3.5x22					
060T-CS-0324-PWIT	3.5x24								
080T-CS-0314-PWIT	80	1000	50	3.5x14	Steel & Concrete	8	SC / CA	J-8	PWI-T
080T-CS-0316-PWIT				3.5x16					
080T-CS-0318-PWIT				3.5x18					
080T-CS-0320-PWIT				3.5x20					
080T-CS-0322-PWIT				3.5x22					
080T-CS-0324-PWIT				3.5x24					

Load Cells**	
Type	SC / CA
Protection class	IP 68
Mounting kits	SC-EL
Operating temperature range	-10°C ... +40°C
Storing temperature range	-40°C ... +80°C
Indicator***	
Type	PWI-T
Protection class	IP 54
Operating voltage and power	90-265VAC, 60W
Storing temperature range	-10°C ... +40°C
Junction Box	
Protection class	IP 66
Material	Aluminum
Environment	
Operating temperature range	-10°C ... +40°C
Storing temperature range	-40°C ... +80°C
Operating power and voltage	<300W (monitor & printer), 220VAC

* Multi interval option is available.
 ** For detailed information about load cells and mounting accessories used in vehicle scales, please refer to ESIT's Load Cells and Mounting Kits Catalog.
 *** For detailed information about indicators used in vehicle scales, please refer to ESIT's Indicators and Controllers Catalog.