METTLER TOLEDO

DATABRIEF

7541

I-Beam Concrete Deck
Commercial Duty

Model 7541 is an I-beam truck scale designed for pit installations. Each scale is equipped with a continuous deck channel. It is designed for Commercial Duty applications.

Feature	Specification
Concrete Thickness	6 in. (152 mm)
Scale Lengths	10 ft. to 120 ft. (3 to 36.6 m)
Scale Widths	10 ft. (3 m)
Main Beam	W21 x 50 lb/ft.
Cross Beams	W12 x 19 lb/ft. C6 x 8.2 lb/ft.
Number of Cross Beams	5 (25' Modules) (7.6 m) 4 (20' Modules) (6.1 m)
Foundation Type	Deep Pit
Profile	38 in. (965 mm) (1/4 in. Shims Nominal)
Module Lengths	10 ft., 12 ft., 20 ft., or 25 ft. (3, 3.7, 6.1, or 7.6 m)
Material Type	ASTM A-36
Capacity	70,000 lb ($\leq$ 25 ft.) 120,000 lb (> 25 ft. < 60 ft.) 200,000 lb ($\geq$ 60 ft.)
Module Concrete	20' – 4 Cubic Yards 25' – 5 Cubic Yards
Module Rebar	20 ft. – 635 lb 25 ft. – 800 lb
Module Corrugated	20 ft. – 200 Square Feet 25 ft. – 250 Square Feet
eMin	20 lb (10 kg)
nMax	10,000 Divisions
CLC	60,000 lb (27,215 kg)
CC	90-046A4

Features	Standard	Options
Carboline 15LO Finish	X	
Manholes	X	
22.5t POWERCELL® Load Cells	X	
25t MTX® Load Cells		X
IND310 Indicator	X	
IND780 Indicator		X
Lightning Protection	X	
Hazardous Area*		X
Custom Length/Width		X
Grain Dump		X
Multi-Axle		X
Galvanizing		X
DOT Version/70K CLC		X
OverDrive® Software		X

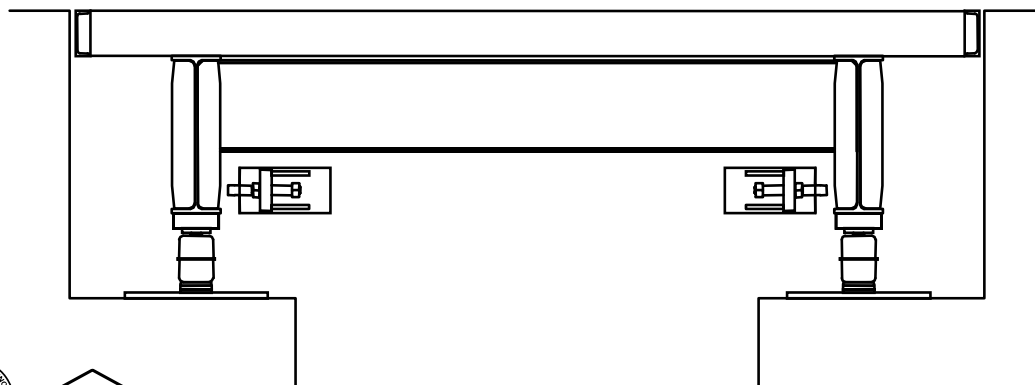*Class I, II, III; Division 1 & 2; Groups C, D, E, F, & G; Canadian Approval AM-4900; Temperature Code T-4. Consult application group for details.

Options:

■ The 7541 is equipped with all of the features required for most standard vehicle weighing applications. Many of the product features can be upgraded to provide the exact performance characteristics that are required.

Contact your local METTLER TOLEDO authorized distributor or sales office for more information.

7541 Cross Section

Produced in a facility that is
ISO 9001 certified

Specifications subject to change without notice.