



# Data Sheet: Model 7541

I-Beam Concrete Deck  
Extreme Duty



## 7541 I-Beam Concrete Deck

The 7541 is an I-beam scale designed for pit installations. Each scale comes equipped with a continuous deck channel. It is designed for Extreme Duty Applications.

Feature	Specification
Main Beam	W24x68lb./ft.
Cross Members	W12x35lb./ft. C8x11.5lb./ft.
Deck Channel	C10x15.3lb./ft.
Concrete Thickness	10"
Number of Cross Members	5 (20'-25' modules) 4 (12'- 20' modules)
Module Concrete	12' – 4.4 cubic yd. 20' – 7.4 cubic yd. 25' – 9.3 cubic yd.
Module Rebar	12' – 1660 lb. 20' – 2790 lb. 25' – 3425 lb.
Module Corrugated	12' – 144 square ft. 20' – 240 square ft. 25' – 300 square ft.
Material Type	ASTM A-36
Capacity	120,000 lb. ( $\leq 20'$ ) 200,000 lb. ( $>20'$ )
CLC	70,000 lb.
Profile	45.2" (1/4" Shims)
Module Lengths	12', 20' or 25'
Scale Widths	12'
Scale Lengths	12' to 120'
CoC	90-046
Foundation Types	Pit
Duty Cycle	Extreme
eMin	20 lb.
nMax	10,000 divisions

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.

Feature	Std	Opt
Manholes	X	
Polyester Epoxy		X
Carboline 15LO	X	
45t MTX	X	
Lightning Protection	X	
Cougar Indicator		X
Jaguar Indicator	X	
Grain Dumps		X
Custom Width	X	
Custom Length	X	

## 7541 Cross Section

