Avery Weigh-Tronix

SteelBridge XT:
100 tons of solid confidence.

Specifications

SteelBridge XT—Model FCXT Concrete Deck Truck Scale

The Model FCXT concrete deck truck scale arrives at the installation site in pre-assembled sections. Weigh Bars® sensors, junction boxes and cables are factory calibrated. Final assembly is done in the field. Calibration of electronics is completed after the scale decks have been installed, and concrete deck poured.

All FCXT truck scales have a concentration load capacity (CLC) of 45 tons and dual tandem axle capacity (DTA) of 90,000 lb. (45,000 kg). The "r" factor rating is 2.65 on all sizes.
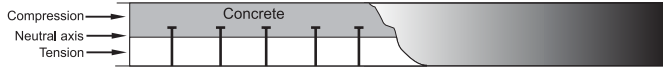
The Model FCXT is a modular design with nominal capacities up to 100 tons.

SteelBridge XT Series Concrete Deck Truck Scale

General Specifications:

- 5" Ready-to-pour concrete deck (4000 PSI Fiber Mesh Concrete recommended)
- Deck module 10-1/4" deep. Intricate steel deck substructure with 5/16" lower plate supports concrete.
- Profile 14"

- 10 longitudinal I-Beams (11' model)
- Module lengths: 10', 12', 20', and 24'
- Module widths: 10', 11' and 12'
- Weigh Bar® capacity: 60,000 lb. each (200% overload safety factor)
- Dual tandem axle capacity: 90,000 lb.
- Concentrated Load Capacity (CLC): 45 tons
- "r" factor: 2.65
- Class IIIL, 10,000 Divisions, NTEP-approval pending.
- Each Weigh Bar comes with 33' stainless steel sheathed cable (rodent proof). Cable is routed through dedicated conduit runs located within the weighbridge.
- Bolt-on top access cover plates
- Junction boxes: NEMA 4X standard stainless steel
- Surge voltage: Contained within junction boxes. Platform ground wire with clamps provided.
- Electronics warranty: 5 years
- Weighbridge warranty: 15 years
- Operational environment from –30° to 130° F
- Finish: All steel surfaces shot blasted to a finish of SSPC-A-SP6. High quality epoxy primer is applied to a 2-3 mil finish. Final coat of a superior enamel top coat.
- Foundations: Shallow Pier, Deep Pier, Slab, Shallow Pit, Deep Pit
- No grout plates necessary.
- 100% Weigh-Tronix manufactured—Scale Decks, Instruments, and Weigh Bar sensors.
- All anchors are drilled
- AC voltage line suppression

Options/Accessories

- Safety guide rails
- Remote displays
- Digital instruments
- Manhole rings and covers
- Other models with CLC to 50 tons available
- Printers
- Computer software packages
- Custom sizes and configurations
- Multi-platform, multi-axle configurations
- Infra-red and card reader systems
- Guard posts

Platform

WT Model	Capacity (lb/kg)	Length (ft/in)	Weigh Bar Sensors	Modules	Weight (lbs)
FCXT-10' Width (9'-10-1/2" actual), 14" Profile					
FCXT-1010	100,000	10'0"	4	1	4,548
FCXT-1210	100,000	12'0"	4	1	5,067
FCXT-2010	100,000	20'8"	4	1	7,178
FCXT-2410	100,000	24'0"	4	1	7,994
FCXT-3010	200,000	29'7"	6	2	10,826
FCXT-3510	200,000	34'11"	6	2	12,162
FCXT-4010	200,000	40'3"	6	2	13,457
FCXT-4710	200,000	46'11"	6	2	15,089
FCXT-6010	200,000	59'-101/2"	8	3	19,735
FCXT-7010	200,000	69'-101/2"	8	3	22,184
FCXT-8010	200,000	79'6"	10	4	26,014
FCXT-9310	200,000	92'10"	10	4	29,280
FCXT-10010	200,000	99'1"	12	5	32,293
FCXT-11610	200,000	115'9"	12	5	36,375
FCXT-11'WIDTH, 14" Profile					
FCXT-1011	100,000	10'0"	4	1	4,945
FCXT-1211	100,000	12'0"	4	1	5,514
FCXT-2011	100,000	20'8"	4	1	7,842
FCXT-2411	100,000	24'0"	4	1	8,740
FCXT-3011	200,000	29'7"	6	2	11,828
FCXT-3511	200,000	34'11"	6	2	13,295
FCXT-4011	200,000	40'3"	6	2	14,725
FCXT-4711	200,000	46'11"	6	2	16,522
FCXT-6011	200,000	59'-101/2"	8	3	21,608
FCXT-7011	200,000	69'-101/2"	8	3	24,303
FCXT-8011	200,000	79'6"	10	4	28,491
FCXT-9311	200,000	92'10"	10	4	32,084
FCXT-10011	200,000	99'1"	12	5	35,374
FCXT-11611	200,000	115'9"	12	5	39,866
FCXT-12' WIDTH, 14" Profile					
FCXT-1012	100,000	10'0"	4	1	5,306
FCXT-1212	100,000	12'0"	4	1	5,922
FCXT-2012	100,000	20'8"	4	1	8,472
FCXT-2412	100,000	24'0"	4	1	9,434
FCXT-3012	200,000	29'7"	6	2	12,765
FCXT-3512	200,000	34'11"	6	2	14,344
FCXT-4012	200,000	40'3"	6	2	15,931
FCXT-4712	200,000	46'11"	6	2	17,856
FCXT-6012	200,000	59'-101/2"	8	3	23,390
FCXT-7012	200,000	69'-101/2"	8	3	26,278
FCXT-8012	200,000	79'6"	10	4	30,849
FCXT-9312	200,000	92'10"	10	4	34,699
FCXT-10012	200,000	99'1"	12	5	38,308
FCXT-11612	200,000	115'9"	12	5	43,121

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