

SURVIVOR® PT Pit Type Truck Scale - Concrete Deck



SEE CHART ON BACK FOR PART NUMBERS

The SURVIVOR PT Series truck scales are prepared for a 6-inch-thick concrete weighbridge, and an up to 12-foot-wide loading area for greater safety and faster processing during peak usage times.

The 24-inch* main I-beams limit deflection under heavy loads. Eight-inch structural steel cross-members located approximately every 4 feet spread the loads evenly for less flexing and a longer life cycle.

The SURVIVOR PT Series truck scales maintain accuracy even with a 90,000 lb load in mid span (on a 4-foot loading area). The weighbridge deflection is less than 1:900 (e.g., 0.26 inches on a 20-foot span). Less deflection means less cumulative metal fatigue and much longer life cycles.

For dependable weighments over the long haul and a design life of decades, look to the SURVIVOR PT.

Standard Features

- Three standard widths: 10, 11, and 12 feet
- Lengths from 10 feet through 117 feet
- One 2' x 2' square manhole opening
- 75,000 lb capacity load cells and pre-assembled mounts
- Junction box(es) appropriate for number of load cells utilized
- 90,000 lb Concentrated Load Capacity (CLC)
- 2.65 "r" factor
- 6" reinforced concrete deck
- Up to 200,000 lb full scale capacity
- Very low deflection (1:900) under maximum load
- Up to 42' section span

Options/Accessories

- Additional manholes
- Light fixture with bulb protection screen/guard
- Sump pump (UL listed power supply)
- Pit venting system (exhaust fan, UL listed power supply)
- Lightning protection package
- Special loading configurations available
- Steel deck
- Grain dump modules

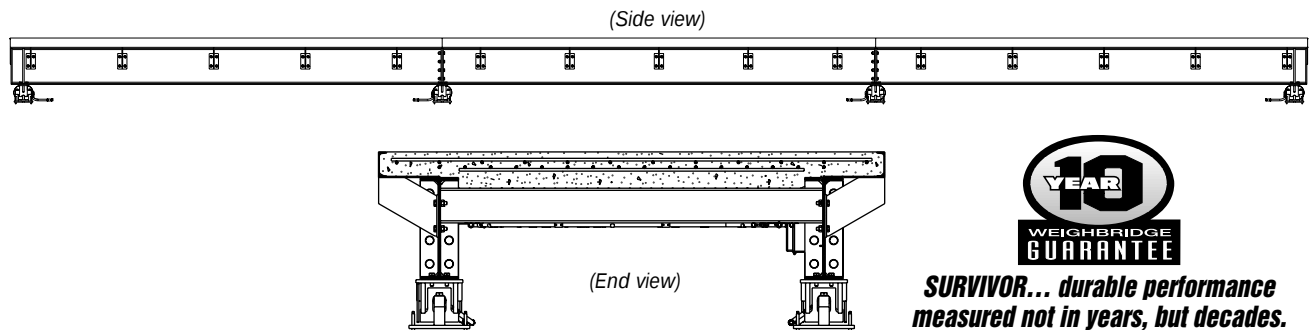
Consult catalog for these additional options:

- IQ plus® Series digital indicators
- Ticket and document printers
- 4" or 6" remote flip-digit displays
- TransAct®/TransAct Plus® data management software
- Unattended truck scale system (ATS-1 & ATS-2)
- Concrete batching control system (CB-1)

** States with 48" pit clean-out requirements must specify 18" main beams at time of order.*

Pit scales are designed to fit inside correctly-sized pits.

Example: 70' x 10' scale is actually 69' 10 1/2" L x 9' 10 1/2" W.



Package includes: Weighbridge steel; weighbridge fasteners; load cells with conduit fitting; load cell mounts with leveling bolts and anchor bolts; copper transient bypass cables at each load cell; flexible plastic conduit from load cell to metal conduit; conduit fittings from plastic to metal conduit; conduit for each load cell cable; FRP junction box(es); summing board; homerun cable to indicator (60' long); print packages including deck assembly, foundation drawing and rebar placement for concrete deck; along with detailed installation manual

Package does not include: Corrugated sheeting for deck; rebar for concrete deck; pit coping; rebar and mesh for foundation; concrete; indicator; printer; freight charges including material handling, shipping charges, transportation permits and fees, escort(s) charge, and insurance transportation fees.

LOAD CELLS AND MOUNT ASSEMBLIES:

75,000 lb capacity; G-Force™ Patented Self-Checking Mounting System

"I" FACTOR:

2.65 (35 ft to 117 ft) [dual tandem axle design load, e.g., 90,000 lb ÷ 34,000 lb]

FULL SCALE CAPACITY:

Up to 200,000 lb (x 20 lb)

DEFLECTION FACTOR:

1:900 of span distance

CONCENTRATED LOAD CAPACITY (CLC):

90,000 lb (35 ft to 117 ft)

APPROVALS:

NTEP-certified per H-44, Class IIIIL, CC #98-011A1

WARRANTY:

Ten-year limited warranty on the weighbridge
Two-year limited warranty on load cells/electronics
Up to five-year "build your own" lightning extended warranty

PT SERIES – 10 FOOT WIDTH

LENGTH	FULL SCALE CAPACITY	PART NUMBER	MODEL NUMBER	SHIPPING WEIGHT	NUMBER OF MODULES	NUMBER OF LOAD CELLS	"I" FACTOR	CLC (TONS)
10 ft	60 tons	51341	SR1010-PC-60	4900 lb	1	4	2.65	45
20 ft	60 tons	51342	SR2010-PC-60	7800 lb	1	4	2.65	45
24 ft*	60 tons	51343	SR2410-PC-60	8900 lb	1	4	2.65	45
40 ft	100 tons	51344	SR4010-PC-60	14,700 lb	2	6	2.65	45
47 ft*	100 tons	51345	SR4710-PC-60	17,400 lb	2	6	2.65	45
60 ft	100 tons	51346	SR6010-PC-100	21,800 lb	3	8	2.65	45
70 ft	100 tons	51347	SR7010-PC-100	25,400 lb	3	8	2.65	45
80 ft	100 tons	51348	SR8010-PC-100	28,800 lb	4	10	2.65	45
93 ft*	100 tons	51349	SR9310-PC-100	33,600 lb	4	10	2.65	45
100 ft	100 tons	51350	SR10010-PC-100	36,000 lb	5	12	2.65	45
117 ft*	100 tons	51351	SR11710-PC-100	42,300 lb	5	12	2.65	45

PT SERIES – 11 FOOT WIDTH

LENGTH	FULL SCALE CAPACITY	PART NUMBER	MODEL NUMBER	SHIPPING WEIGHT	NUMBER OF MODULES	NUMBER OF LOAD CELLS	"I" FACTOR	CLC (TONS)
10 ft	60 tons	51352	SR1011-PC-60	5100 lb	1	4	2.65	45
20 ft	60 tons	51353	SR2011-PC-60	8100 lb	1	4	2.65	45
24 ft*	60 tons	51354	SR2411-PC-60	9100 lb	1	4	2.65	45
40 ft	100 tons	51355	SR4011-PC-60	15,100 lb	2	6	2.65	45
47 ft*	100 tons	51356	SR4711-PC-60	17,900 lb	2	6	2.65	45
60 ft	100 tons	51357	SR6011-PC-100	22,400 lb	3	8	2.65	45
70 ft	100 tons	51358	SR7011-PC-100	26,300 lb	3	8	2.65	45
80 ft	100 tons	51359	SR8011-PC-100	29,800 lb	4	10	2.65	45
93 ft*	100 tons	51360	SR9311-PC-100	35,600 lb	4	10	2.65	45
100 ft	100 tons	51361	SR10011-PC-100	36,900 lb	5	12	2.65	45
117 ft*	100 tons	51362	SR11711-PC-100	43,400 lb	5	12	2.65	45

PT SERIES – 12 FOOT WIDTH

LENGTH	FULL SCALE CAPACITY	PART NUMBER	MODEL NUMBER	SHIPPING WEIGHT	NUMBER OF MODULES	NUMBER OF LOAD CELLS	"I" FACTOR	CLC (TONS)
10 ft	60 tons	51363	SR1012-PC-60	5400 lb	1	4	2.65	45
20 ft	60 tons	51364	SR2012-PC-60	8400 lb	1	4	2.65	45
24 ft*	60 tons	51365	SR2412-PC-60	9700 lb	1	4	2.65	45
40 ft	100 tons	51366	SR4012-PC-60	15,900 lb	2	6	2.65	45
47 ft*	100 tons	51367	SR4712-PC-60	18,800 lb	2	6	2.65	45
60 ft	100 tons	51368	SR6012-PC-100	23,500 lb	3	8	2.65	45
70 ft	100 tons	51369	SR7012-PC-100	27,600 lb	3	8	2.65	45
80 ft	100 tons	51370	SR8012-PC-100	31,100 lb	4	10	2.65	45
93 ft*	100 tons	51371	SR9312-PC-100	36,400 lb	4	10	2.65	45
100 ft	100 tons	51372	SR10012-PC-100	38,700 lb	5	12	2.65	45
117 ft*	100 tons	51373	SR11712-PC-100	45,600 lb	5	12	2.65	45

* 24 ft actual = 23' 2 1/2", 47 ft actual = 46' 6 1/2", 93 ft actual = 93' 2 1/2", 117 ft actual = 116' 6 1/2"

Pit scales are designed to fit inside correctly-sized pits. Example: 70' x 10' scale is actually 69' 10 1/2" L x 9' 10 1/2" W.

States with 48" pit clean-out requirements must specify 18" main beams at time of order.

Consult factory for pricing on 14' wide scales.