



Description:

ANYLOAD's ORCA™-series steel deck truck scales are engineered to endure harsh North American environments through superior structural integrity, uncompromising build quality, and simplified serviceability. Deep U-channel (orthotropic) construction with pre-cambering provides exceptional strength and rigidity under heavy, repeated axle loads. H-bracket sectional connectors enable seamless alignment and long-term modular performance.

Standard Features

- U-channel (orthotropic) construction
- H-bracket module connection system
- 102BHM1 self-aligning weigh mounts
- Continuous welded structural seams
- Longitudinal pre-cambering
- Full-scale automated omni-jet steel abrasive blasting (shot + grit) to SA2.5, coated with high solids polyurethane primer-finish system, oven-cured. Channel interiors painted.

Options

- Intrinsic Safety (FM, ATEX, IECEx) certified electronics
- Galvanized or stainless steel weighbridge
- 1/2 in top deck upgrade
- 6000e resolution
- End cleanout
- Grain dump
- Manhole
- Guardrails
- Catwalk
- Steel ramps
- Scale risers

Specifications

- **Approvals:**
Measurement Canada (AM-6024) Class III/III HD
- **Load Cell: ANYLOAD 102BH**
NTEP/OIML Certified Double-ended Shear Beam
Alloy Steel, 60 Klb or 75 Klb capacity
- **Junction box: ANYLOAD J04/08 fiberglass**
IP67 / NEMA 4X waterproof / lightning protection
- **Standard Dimensions:**
10 ft to 14 ft width (3 m to 4 m)
30 ft to 150 ft length (9 m to 46 m)
- **Concentrated Load Capacity:** 110 Klb / 50 t
- **Dual Tandem Axle (DTA):** 110 Klb / 50 t
- **Warranty:** ORCA™ Limited Manufacturer's Warranty
Weighbridge (12 or 6-year), Parts: (6 or 3-year)

Custom configurations available:

Because truck scale requirements vary by site and application, please contact ANYLOAD to discuss your project specifications. Our engineering team can provide detailed technical data and tailored quotations for your configuration.



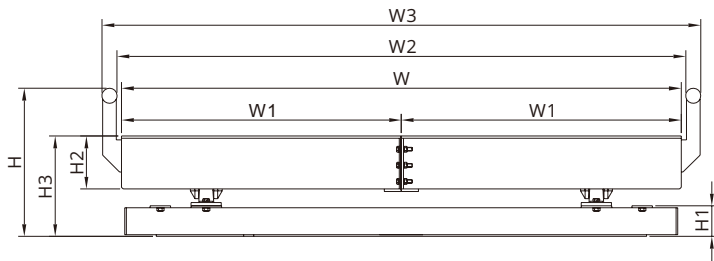
ANYLOAD®

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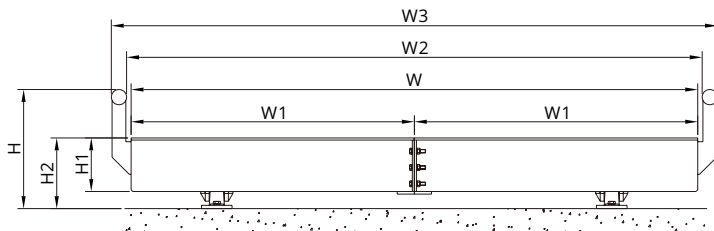
Portable



HEIGHT				
Length	H	H1	H2	H3
30 ft – 70 ft	2 ft 10.4 in	7.1 in	1 ft 0.2 in	1 ft 11.3 in
80 ft – 90 ft	3 ft	7.1 in	1 ft 1.9 in	2 ft 1 in
100 ft – 150 ft	2 ft 10.4 in	7.1 in	1 ft 0.2 in	1 ft 11.3 in
WIDTH				
W	W1	W2	W3	
10 ft	5 ft	10 ft 1 in	10 ft 8 in	
11 ft	5.5 ft	11 ft 1 in	11 ft 7 in	

Width	Length	Capacity	Number of Modules	Number of Load Cells	CLC	P/N	Price
Steel Deck - 3/8 in Deck Thickness							
10 ft	30 ft	130,000 lbs	2	6	110,000 lbs	ORCA10X30-60t-P-XX	Consult
10 ft	40 ft	130,000 lbs	2	6	110,000 lbs	ORCA10X40-60t-P-XX	Consult
10 ft	50 ft	130,000 lbs	2	6	110,000 lbs	ORCA10X50-60t-P-XX	Consult
10 ft	60 ft	220,000 lbs	3	8	110,000 lbs	ORCA10X60-100t-P-XX	Consult
10 ft	70 ft	220,000 lbs	3	8	110,000 lbs	ORCA10X70-100t-P-XX	Consult
10 ft	80 ft	220,000 lbs	3	8	110,000 lbs	ORCA10X80-100t-P-XX	Consult
10 ft	90 ft	220,000 lbs	3	8	110,000 lbs	ORCA10X90-100t-P-XX	Consult
10 ft	100 ft	220,000 lbs	5	12	110,000 lbs	ORCA10X100-100t-P-XX	Consult
10 ft	120 ft	220,000 lbs	5	12	110,000 lbs	ORCA10X120-100t-P-XX	Consult
10 ft	150 ft	220,000 lbs	7	16	110,000 lbs	ORCA10X150-100t-P-XX	Consult
Steel Deck - 3/8 in Deck Thickness							
11 ft	30 ft	130,000 lbs	2	6	110,000 lbs	ORCA11X30-60t-P-XX	Consult
11 ft	40 ft	130,000 lbs	2	6	110,000 lbs	ORCA11X40-60t-P-XX	Consult
11 ft	50 ft	130,000 lbs	2	6	110,000 lbs	ORCA11X50-60t-P-XX	Consult
11 ft	60 ft	220,000 lbs	3	8	110,000 lbs	ORCA11X60-100t-P-XX	Consult
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11 ft	120 ft	220,000 lbs	5	12	110,000 lbs	ORCA11X120-100t-P-XX	Consult
11 ft	150 ft	220,000 lbs	7	16	110,000 lbs	ORCA11X150-100t-P-XX	Consult
Steel Deck - 1/2 in Deck Thickness							
10 ft	30 ft	130,000 lbs	2	6	110,000 lbs	ORCA10X30-60t-P-XX	Consult
10 ft	40 ft	130,000 lbs	2	6	110,000 lbs	ORCA10X40-60t-P-XX	Consult
10 ft	50 ft	130,000 lbs	2	6	110,000 lbs	ORCA10X50-60t-P-XX	Consult
10 ft	60 ft	220,000 lbs	3	8	110,000 lbs	ORCA10X60-100t-P-XX	Consult
10 ft	70 ft	220,000 lbs	3	8	110,000 lbs	ORCA10X70-100t-P-XX	Consult
10 ft	80 ft	220,000 lbs	3	8	110,000 lbs	ORCA10X80-100t-P-XX	Consult
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11 ft	150 ft	220,000 lbs	7	16	110,000 lbs	ORCA11X150-100t-P-XX	Consult

Permanent*



* Portability Frame may be purchased separately

HEIGHT			
Length	H	H1	H2
30 ft – 70 ft	2 ft 3.4 in	1 ft 0.2 in	1 ft 4.2 in
80 ft – 90 ft	2 ft 5 in	1 ft 1.9 in	1 ft 6 in
100 ft – 150 ft	2 ft 3.4 in	1 ft 0.2 in	1 ft 4.2 in
WIDTH			
W	W1	W2	W3
10 ft	5 ft	10 ft 1 in	10 ft 8 in
11 ft	5.5 ft	11 ft 1 in	11 ft 7 in

Width	Length	Capacity	Number of Modules	Number of Load Cells	CLC	P/N	Price
Steel Deck - 3/8 in Deck Thickness							
10 ft	30 ft	130,000 lbs	2	6	110,000 lbs	ORCA10X30-60t-M-XX	Consult
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10 ft	50 ft	130,000 lbs	2	6	110,000 lbs	ORCA10X50-60t-M-XX	Consult
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Components and Accessories

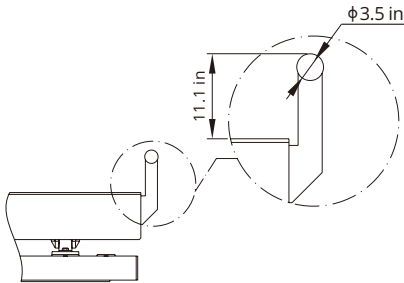
Component name	Description	Price
Scale Components		
102BH	Alloy steel double-ended shear beam load cell, 50-75 Klb capacity	Consult
102BH-Ex	Alloy steel double-ended shear beam load cell, 50-75 Klb capacity (FM/ATEX/IECEX Certified)	Consult
102BH-02	Alloy steel double-ended shear beam load cell, 50-75 Klb capacity (Integrated Transient Protection)	Consult
102BS	Stainless steel double-ended shear beam load cell, 50-75 Klb capacity, IP69K	Consult
102BS-EX	Stainless steel double-ended shear beam load cell, 50-75 Klb capacity, IP69K (FM/ATEX/IECEX Certified)	Consult
102BS-02	Stainless steel double-ended shear beam load cell, 50-75 Klb capacity, IP69K (Integrated Transient Protection)	Consult
102BHM1-TRK	Self-seating load cell weigh mount, galvanized steel	Consult
102BHM1-TRK-H2	Self-seating load cell weigh mount, galvanized steel (2 in higher profile for snow/ice clearance)	Consult
102BHM1-LINK	Weigh mount suspension link	Consult
102BHM1-BLOCK	Weigh mount support block	Consult
Varied	3-section portability kit	Consult
Varied	5-section portability kit	Consult
Varied	7-section portability kit	Consult
Varied	Cover plate replacement for service pocket (bolt-free)	Consult
Weighbridge Material Options		
N/A	Galvanized steel weighbridge (scale bodies hot-dip galvanized)	Consult
N/A	Stainless steel weighbridge	Consult
Electronics		
J04/08 Junction Box	Fibreglass 4- or 8-channel junction box with integrated transient protection	Consult
808AH	LED scale remote display	Consult
808BH	LED scale remote display with RED/GREEN traffic light	Consult
WL900-T/R	Wireless RF transmitter / receiver for 808-series remote displays	Consult
CB4-7.6	Load cell cable	Consult
CAHP20-1/2	Cable armour for load cell cables	Consult
Varied	Copper grounding straps	Consult
Ramps		
Varied	16.4 ft – 23 ft long approach ramp, with optional widths of 10 ft or 11 ft and optional panel thicknesses ranging from 8mm to 12mm	Consult
Miscellaneous		
Shim kit	Scale riser shim, painted steel, 1/8 or 1/4 in thick	Consult
EYE-M20-TRK	M20x45 Eye Bolts for lifting scale section	Consult
M30X150-10.9	Limiting bolts for truck scale, Galvanized	Consult
M24X200-10.9	Bolts for securing the weighing platform during transportation, Galvanized	Consult
N/A	Touch-up paint (grey or yellow)	Consult

Standard Package includes: Load cells, weigh modules, copper grounding straps, assembly/installation/ anchor bolts (with extras), fiberglass junction box, standard guardrails, eyebolts/straps for lifting, shim plates.

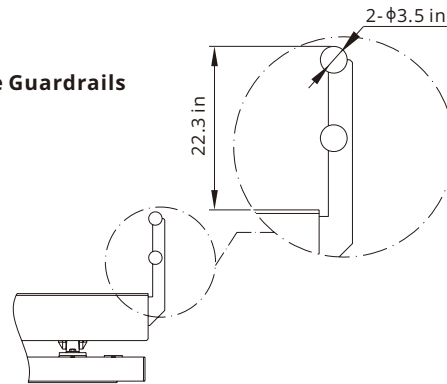
Standard Package does not include: Prefabricated ramps, LA2 lightning arrestor, indicators, remote displays, printers, shipping & handling charges, transportation permits & fees, customs fees & tariffs, insurance.

Guardrail Dimensions

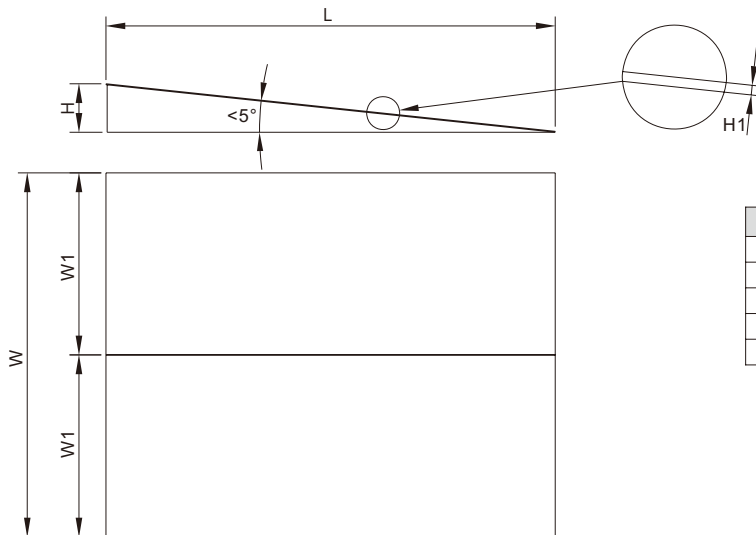
Standard Guardrails



Double Guardrails



Ramp (Optional)



	Dimensions
L	16 ft – 24 ft
H	1 ft 4.2 in – 2 ft 1 in
H1	3/8 in (default), 1/2 in
W	10 ft / 11 ft
W1	5 ft / 5.5 ft

Custom Configurations

ANYLOAD offers a wide range of truck scale configurations and customizations to suit specific site and application requirements. Due to the number of available variations, please contact us to discuss your project.

Detailed specifications, drawings, and quotations are available upon request.

Disclaimer: Dimensions and specifications are nominal, rounded to the nearest 0.1 inch, and provided for reference only. For all design, fabrication, or installation work, refer exclusively to the certified control drawings supplied with your quotation—these define the governing dimensions and tolerances. Dimensional reporting follows ASME Y14.100 and ASTM A6 conventions for structural steel fabrication. ANYLOAD reserves the right to revise specifications without prior notice.

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