



EAST TEXAS TRUCK CENTER

3009 NW Stallings Drive

Nacogdoches, TX 75964

(281)916-7196

<https://www.easttexastruckcenter.com>



	MANUFACTURER RATING	FEDERAL LEGAL AXLE RATING	TIRE TYPE	TIRE SIZE
Peterbilt 389 Tri Axle Steer Axle #1	20,000 lbs.	12,000 lbs.	Michelin X One Line Energy Super Single 10,200 lbs. Max. Load	24.5"
Peterbilt 389 Tri Axle Lift Steerable Axle #2	20,000 lbs.	12,000 lbs.	Michelin X One Line Energy Super Single 10,200 lbs. Max. Load	24.5"

	MANUFACTURER RATING	FEDERAL LEGAL AXLE RATING	TIRE TYPE	TIRE SIZE
Peterbilt 389 Tri Axle Drive Front Axle #3	23,000 lbs.	17,000 lbs.	Michelin X Multi D 295 Duals 7,390 lbs. Max. Load	24.5"
Peterbilt 389 Tri Axle Drive Rear Axle #4	23,000 lbs.	17,000 lbs.	Michelin X Multi D 295 Duals 7,390 lbs. Max. Load	24.5"
Globe 55-Ton Extendable #5 Tandem Axle	25,000 lbs.	12,000 lbs.	Michelin X Multi Z - 275 Duals 6,940 lbs. Max. Load	22.5"
Globe 55-Ton Extendable #6 Tandem Axle	25,000 lbs.	12,000 lbs.	Michelin X Multi Z - 275 Duals 6,940 lbs. Max. Load	22.5"
Globe 55-Ton Extendable #7 Lift Axle	25,000 lbs.	12,000 lbs.	Michelin X Multi Z - 275 Duals 6,940 lbs. Max. Load	22.5"
Globe 55-Ton Extendable #8 Hydraulic Flip Axle	25,000 lbs.	17,000 lbs.	Michelin X Multi Z - 275 Duals 6,940 lbs. Max. Load	22.5"

CLOSED TRAILER SPECIFICATIONS

	AXLE SPACING (Feet)	AXLE CLASSIFICATION (DOT Requirements)	FEDERAL BRIDGE WEIGHT FORMULA	NORTH CAROLINA STATE POLICE COMMERCIAL DIVISION PERMIT REGULATIONS
Peterbilt 389 Tri Axle Steer Axle #1	N/a	Single	N/a	20,000 lbs. Single - Steer
Peterbilt 389 Tri Axle Lift Steerable Axle #2	22.5'	1st of Tridem	N/a	20,000 lbs. (Tridem - 60,000 lbs.)

				<i>1st of 3</i>
Peterbilt 389 Tri Axle Drive Front Axle #3	4.5'	<i>2nd of Tridem</i>	61,500 lbs. 29' Spacing (USDOT 4-AXLES)	20,000 lbs. (Tridem - 60,000 lbs.) 2nd of 3
Peterbilt 389 Tri Axle Drive Rear Axle #4	4.5'	<i>3rd of Tridem</i>	N/a	20,000 lbs. (Tridem - 60,000 lbs.) 3rd of 3
Globe 55-Ton Extendable #5 Tandem Axle	34.5' [45' from front]	<i>Dual</i>	N/a	17,000 lbs. (1st of 4 Quad Axle) 68,000 lbs.
Globe 55-Ton Extendable #6 Tandem Axle	4.5' [49.5' from front]	<i>Dual</i>	N/a	17,000 lbs. (2nd of 4 Quad Axle) 68,000 lbs.
Globe 55-Ton Extendable #7 Lift Axle	4.5' [54' from front]	<i>Dual</i>	N/a	17,000 lbs. (3rd of 4 Quad Axle) 68,000 lbs.
Globe 55-Ton Extendable #8 Hydraulic Flip Axle	4.5' [58.5' from front]	<i>Dual</i>	84,500 lbs. 41' Spacing (USDOT 4-AXLES)	17,000 lbs. (4th of 4 Quad Axle) 68,000 lbs.

TRACTOR (GVWR)	TRAILER (GVWR)	GROSS COMBINATION VEHICLE WEIGHT RATING	TRAILER SHIPMENT WEIGHT CAPACITY	TRACTOR & TRAILER MANUFACTURER WEIGHT CAPACITY
61,500 lbs. GVWR	84,500 lbs. GVWR	146,000 lbs. GCVWR	97,290 lbs.	186,000 lbs Manufacturing Weight Rating
25,000 lbs. Tare Weight	23,710 lbs. Tare Weight	48,710 lbs. Tare Weight		137,290 lbs. Manufacturing Shipment Weight Rating

OPEN TRAILER SPECIFICATIONS

	AXLE SPACING (Feet)	AXLE CLASSIFICATION (DOT Requirements)	FEDERAL BRIDGE WEIGHT FORMULA	NORTH CAROLINA STATE POLICE COMMERCIAL DIVISION PERMIT REGULATIONS
Peterbilt 389 Tri Axle Steer Axle #1	N/a	Single	N/a	20,000 lbs. Single - Steer
Peterbilt 389 Tri Axle Lift Steerable Axle #2	22.5'	1st of Tridem	N/a	20,000 lbs. (Tridem - 60,000 lbs.) 1st of 3
Peterbilt 389 Tri Axle Drive Front Axle #3	4.5'	2nd of Tridem	61,500 lbs. 29' Spacing (USDOT 4-AXLES)	20,000 lbs. (Tridem - 60,000 lbs.) 2nd of 3
Peterbilt 389 Tri Axle Drive Rear Axle #4	4.5'	3rd of Tridem	N/a	20,000 lbs. (Tridem - 60,000 lbs.) 3rd of 3
Globe 55-Ton Extendable #5 Tandem Axle	54.5' [65' from front]	Dual	N/a	17,000 lbs. (1st of 4 Quad Axle) 68,000 lbs.
Globe 55-Ton Extendable #6 Tandem Axle	4.5' [69.5' from front]	Dual	N/a	17,000 lbs. (2nd of 4 Quad Axle) 68,000 lbs.
Globe 55-Ton Extendable #7 Lift Axle	4.5' [74' from front]	Dual	N/a	17,000 lbs. (3rd of 4 Quad Axle) 68,000 lbs.
Globe 55-Ton Extendable #8 Hydraulic Flip Axle	4.5' [78.5' from front]	Dual	95,000 lbs. 61' Spacing (USDOT 4-AXLES)	17,000 lbs. (4th of 4 Quad Axle) 68,000 lbs.

TRACTOR (GVWR)	TRAILER (GVWR)	GROSS COMBINATION VEHICLE WEIGHT RATING	TRAILER SHIPMENT WEIGHT CAPACITY	TRACTOR & TRAILER MANUFACTURER WEIGHT CAPACITY
61,500 lbs. GVWR	95,000 lbs. GVWR	156,500 lbs. GCVWR	107,790 lbs.	186,000 lbs Manufacturing Weight Rating

25,000 lbs. Tare Weight	23,710 lbs. Tare Weight	48,710 lbs. Tare Weight	137,290 lbs. Manufacturing Shipment Weight Rating
----------------------------	----------------------------	----------------------------	---

2024 GLOBE 55LB160552 55-TON EXTENDABLE LOWBOY TRAILER

1. **TOTAL SPECIFICATIONS (Gross Vehicle Weight Rating)**
2. **Gooseneck Kingpin to Belly of Trailer (Swing Radius):...98" (8.1")**
3. **Gooseneck Length:.....147" (12.25')**
4. **Gooseneck Width:.....54" (4.5')**
5. **Belly Deck Length (Open):.....600" (50')**
6. **Belly Deck Length (Closed):.....360" (30')**
7. **Belly Deck Width:.....102" (8'6")**
8. **Belly Deck Ground Clearance:.....8" (0.66')**
9. **Belly Deck Height:.....24" (2')**
10. **Rear Deck Height:39" (3.25')**
11. **Rear Deck Length (w/3rd Lift Axle - 4th Flip Axle):.....230" (19.1")**
12. **Loaded 5th Wheel Height:.....50" (4.1')**
13. **Quad Axle Lowboy Trailer Tare Weight:.....23,710 lbs. (11.8 Tons)**
14. **Total Length:.....732" (61')**
15. **Gooseneck Ride Height Adjustments:7-Ride Height Adjustments**
 - a. 25 Degrees Gooseneck Approach Angle Max
 - b. 4.6' Max. Ride Height
 - c. Length (from gooseneck) - 585" (48.75)' To rear of Trailer
 - d. Rear of Belly Deck (231" from Rear of Trailer)
 - i. Rear of Belly Deck Ground Clearance 1st Travel Height:.....10.8"
 - ii. Rear of Belly Deck Ground Clearance 2nd Travel Height:.....13.6"
 - iii. Rear of Belly Deck Ground Clearance 3rd Travel Height:.....16.4"
 - iv. Rear of Belly Deck Ground Clearance 4th Travel Height:.....19.2"
 - v. Rear of Belly Deck Ground Clearance 5th Travel Height:.....22"
 - vi. Rear of Belly Deck Ground Clearance 6th Travel Height:.....24.8"
 - vii. Rear of Belly Deck Ground Clearance 7th Travel Height:.....27.6"
 - viii. Max. Railroad Crossing or Crown in the Road Capability:.....05" per 1' Length
 - ix. Max. Length Wood for Ramp:.....4" x 10" x 16'
 - x. # of Ramps Required:.....4 Total
 - xi. Ramps Angle from 0" to 4" Height:.....3'
 - xii. Ramps Approach Angle:.....27 Degrees
 - xiii. Max. Railroad Crossing or Crown with Wood Ramps:.....9/16" per 1' Length

- 16. **Wheelbase (Kingpin to Center Tandem Axle):.....492" (41')**
- 17. **Trailer GVWR (4-Axles w/Flip Axle Down - Trailer Closed).....84,500 lbs. (42.25-Tons)**
- 18. **Trailer GVWR (4-Axles w/Flip Axle Down - Trailer Open).....95,000 lbs. (47.5-Tons)**
- 19. **Tare Weight w/Peterbilt 389 Tri Axle (Weight Preferred).....48,710 lbs. (24.3-Tons)**
- 20. **Belly Section Specifications.....30' Length x 8.5'Width x 24" Height**
 - a. **Max. Shipment Weight Allowed With a Permit:**
 - i. *Max.Weight (Closed Deck):97,290 lbs. (48.6-Tons)*
 - ii. *Max.Weight (Open Deck):.....107,790 lbs. (53.9-Tons)*
 - b. **Max. Shipment Weight Allowed Legal:**
 - i. *Max.Weight:31,290 lbs. (15.6-Tons)*
 - c. **Max. Permit Shipment Cubic Inches of Space (14' Height)**
 - i. *Max Space Closed Trailer:.....5,287,680 Cu. Inches (3,060 Cu. Feet)*
 - ii. *Max. Space Open Trailer:.....8,812,800 Cu. Inches (5,100 Cu. Feet)*
 - d. **Max. Legal Shipment Cubic Inches Space (13'6" Height):**
 - i. *Max. Space Closed Trailer.....5,067,360 Cu. Inches (2,932.5 Cu. Feet)*
 - ii. *Max. Space Open Trailer:.....8,445,600 Cu. Inches (4,887.5)*
 - e. **Max. Shipment Weight Per Cubic Inch Permit**
 - i. *Max Shipment Closed Trailer:....0.02 lbs. Per Cubic Inch*
 - ii. *Max Shipment Open Trailer:....0.01 lbs. Per Cubic Inch*
 - f. **Max. Shipment Weight Per Cubic Inch Legal**
 - i. *Max. Shipment Closed Trailer:....0.006 lbs. Per Cubic Inch*
 - ii. *Max Shipment Open Trailer:.....0.004 lbs. Per Cubic Inch*
 - g. **Max. Permit Shipment Weight Per Square Inch:**
 - i. *Max. Shipment Closed Trailer:.....36,720 Sq. Inch*
 - 1. *Closed Trailer:.....2.6 lbs. Per Sq. Inch*
 - ii. *Max. Shipment Open Trailer:61,200 Sq. Inch*
 - 1. *Open Trailer:.....1.8 lbs. Per Sq. Inch*
 - h. **Max. Legal Shipment Weight Per Square Inch:**
 - i. *Max. Shipment Closed Trailer:....36,720 Sq. Inch*
 - 1. *Closed Trailer:.....0.9 lbs. Per Sq. Inch*
 - ii. *Max. Shipment Open Trailer:....61,200 Sq. Inch*
 - 1. *Open Trailer:.....0.5 lbs. Per Sq. Inch*
 - i. **Max. Shipment Height Per Inch :**
 - i. *Permit 14' Height:*
 - 1. *Closed Trailer:....675.6 lbs. Per Foot*
 - 2. *Open Trailer:.....748.5 lbs. Per Foot*
 - ii. *Legal 13'6" Height:*
 - 1. *Closed Trailer:.....226.7 lbs. Per Foot*
 - 2. *Open Trailer:.....226.7 lbs. Per Foot*