



LARSON TRUCK SALES / L & M TRAILER COMPANY

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2024 REITNOUER 47' ALL ALUMINUM BUNK 12' SPREAD TRIDEM AXLE LOG TRAILER

	AXLE SPACING (Feet)	AXLE CLASSIFICATION (DOT Requirements)	FEDERAL BRIDGE WEIGHT FORMULA	NORTH CAROLINA STATE POLICE COMMERCIAL DIVISION PERMIT REGULATIONS
Peterbilt 567 Tri Axle Steer Axle #1	N/a	Single	N/a	20,000 lbs. Single - Steer
Peterbilt 567 Tri Axle Lift Steerable Axle #2	22.5' (264.5")	1st of Tridem	N/a	20,000 lbs. (Tridem - 60,000 lbs.) 1st of 3
Peterbilt 567 Tri Axle Drive Front Axle #3	4.5' (54")	2nd of Tridem	58,000 lbs. 24' Spacing (USDOT 4-AXLES)	20,000 lbs. (Tridem - 60,000 lbs.) 2nd of 3
Peterbilt 567 Tri Axle Drive Rear Axle #4	4.5' (54")	3rd of Tridem	N/a	20,000 lbs. (Tridem - 60,000 lbs.) 3rd of 3
Reitnouer 47' All Aluminum Bunk Tri Axle Log Trailer #5 Tri Axle (Steerable Lift Axle)	17.75' (213')	Super Single	N/a	20,000 lbs. (1st of 3 Tri Axle) 60,000 lbs.
Reitnouer 47' All Aluminum Bunk Tri Axle Log Trailer #6 Tri Axle (Steerable Lift Axle)	12' (144")	Super Single	N/a	20,000 lbs. (2nd of 3 Tri Axle) 60,000 lbs.
Reitnouer 47' All Aluminum Bunk Tri Axle Log Trailer #7 Tri Axle	12' (144")	Dual	75000 lbs. 34' Spacing (USDOT 3-AXLES)	20,000 lbs. (3rd of 3 Tri Axle) 60,000 lbs.

TRACTOR (GVWR)	TRAILER (GVWR)	GROSS COMBINATION VEHICLE WEIGHT RATING	TRAILER SHIPMENT WEIGHT CAPACITY	TRACTOR & TRAILER MANUFACTURER WEIGHT CAPACITY
58,000 lbs. GVWR	66,000 lbs. GVWR	89,000 lbs. GCVWR	50,000 lbs. Legal	143,000 lbs Manufacturing Weight Rating

<i>20,000 lbs. Tare Weight</i>	<i>10,000 lbs. Tare Weight</i>	<i>30,000 lbs. Tare Weight</i>	<i>59,000 lbs. Permit</i>	<i>113,000 lbs. Manufacturing Shipment Weight Rating</i>
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	MANUFACTURER RATING	FEDERAL LEGAL AXLE RATING	TIRE TYPE	TIRE SIZE
Peterbilt 567 Tri Axle Steer Axle #1	<i>23,000 lbs.</i>	<i>12,000 lbs.</i>	<i>Michelin X One Line Energy Super Single 10,200 lbs. Max. Load</i>	<i>24.5"</i>
Peterbilt 567 Tri Axle Lift Steerable Axle #2	<i>20,000 lbs.</i>	<i>12,000 lbs.</i>	<i>Michelin X One Line Energy Super Single 10,200 lbs. Max. Load</i>	<i>24.5"</i>
Peterbilt 567 Tri Axle Drive Front Axle #3	<i>23,000 lbs.</i>	<i>17,000 lbs.</i>	<i>Michelin X Multi D 295 Duals 7,390 lbs. Max. Load</i>	<i>24.5"</i>
Peterbilt 567 Tri Axle Drive Rear Axle #4	<i>23,000 lbs.</i>	<i>17,000 lbs.</i>	<i>Michelin X Multi D 295 Duals 7,390 lbs. Max. Load</i>	<i>24.5"</i>
MAC MFG 48' Moving Floor Tri Axle Trailer #5 Tri Axle	<i>20,000 lbs.</i>	<i>17,000 lbs.</i>	<i>Michelin X One Line Energy Super Single 10,200 lbs. Max. Load</i>	<i>22.5"</i>
MAC MFG 48' Moving Floor Tri Axle Trailer #6 Tri Axle	<i>20,000 lbs.</i>	<i>17,000 lbs.</i>	<i>Michelin X One Line Energy Super Single 10,200 lbs. Max. Load</i>	<i>22.5"</i>
MAC MFG 48' Moving Floor Tri Axle Trailer #7 Tri Axle	<i>25,000 lbs.</i>	<i>17,000 lbs.</i>	<i>Michelin X Multi Z - 275 Duals 6,940 lbs. Max. Load</i>	<i>22.5"</i>

- 1. TOTAL SPECIFICATIONS (Gross Vehicle Weight Rating)**
- 2. Total Length:.....564" (47')**
- 3. Kingpin Spacing:.....36" (3')**
- 4. Swing Radius:.....180" (15')**

5. Log Trailer Trailer Specs:

- a. Length:.....564" (47')
- b. Width:.....102" (8.5')
- c. Side Post Interior Height:.....102" (8.5')

6. Tires Size:.....22.5"

7. Wheelbase (Kingpin to Center Axle of Tridem).....215" (18')

8. Tri Axle Trailer GVWR

- a. Tractor (297") [24.75'] Spacing 4-Axles):.....58,000 lbs.
- b. Tri Axle (Lift, Drives & Trailer Tri Axle- 18' Spacing):...66,000 lbs.
- c. Tractor Steer Axle:.....23,000 lbs.
- d. TOTAL GROSS COMBINATION VEHICLE RATING:.....89,000 lbs.

9. Tare Weight:

- a. Tractor (404" [33.7'] Length):.....20,000 lbs (10-Tons)
- b. Trailer (564" [47'] Length):.....10,000 lbs. (5-Tons)

10. Weight & Measure

- a. Cubic Yards of Space (126 cu. yards) or (50,000 lbs.)
- b. Max. Legal Weight:.....50,000 lbs.

i. WEST ROCK PAPER & PULP MILL (West Point, VA) RAILCAR CONTRACT

1. Contract - 150 miles of Rocky Mount, NC

- a. Naomi Jeanette Robinson Logistics Group Pays - \$2.00 per mile to Rocky Mount, NC Warehouse Railyard (\$300.00 Per Trailer Load)
- b. One Tree:..... 6.7 Cubic Yards of Space
- c. Ton of Paper Requires:..... 19 Trees
- d. 1,000 Sq. Feet Wood Structure Requires:..... 20 Trees
- e. Log Trailer Circumference of Trailer Log Space - 53.3' (639.6")
 - i. Log Trailer Cubic Space - 126 Cu. Yards
 - ii. Log Trailer Average:.....19-Trees
 - iii. Circumference Average of a Tree - 2.8' (33.6")
- f. Rail Log Trailer Circumference of Railcar Log Space - 65.9'
 - i. Rail Log Trailer Cubic Space - 220 Cu. Yard
 - ii. Log Railcar Average:.....25 Trees
 - iii. Circumference Average of a Tree - 2.8' (33.6")

2. CSX RAILCAR CONTRACT TO WEST ROCK PAPER MILL

a. CSX RAILCAR CONTRACT TO WEST ROCK PAPER MILL

(2310 King William Ave. / West Point, VA 23181 /

<http://wwwwestrock.com>)

- i. From Rocky Mount, NC to West Point, NC Mileage - 123 miles
- ii. Transport Time - 8.2 hours One Way
- iii. # of Railcars on Contract:.....3 Cars
- iv. CSX Log Railcar Cost- \$275.00 per Car

v. *Trailer Loads to Fill Log Railcar - 1.3 Trailers*

3. ***NAOMI JEANETTE ROBINSON LOGISTICS GROUP RAILYARD FACILITY*** (1549 Vance Street / Rocky Mount, NC)

a. *Log Transfer Equipment:.....Cat 966 Loader Log Grapple Bucket*

b. *Loading Time:.....,3.5 minutes (0.125 Hours)*