



***TEC EQUIPMENT***

*2050 E. Louise Ave.*

*Lathrop, CA 95339*

*(888)596-7689*

*<http://www.tecequipmentinventory.com>*



***2023 MAC TRAILER MFG 48' MOVING FLOOR MVP SS SPLIT AXLE TRAILER***

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

	<b>AXLE SPACING (Feet)</b>	<b>AXLE CLASSIFICATION (DOT Requirements)</b>	<b>FEDERAL BRIDGE WEIGHT FORMULA</b>	<b>NORTH CAROLINA STATE POLICE COMMERCIAL DIVISION PERMIT REGULATIONS</b>
<b>Peterbilt 567 Tri Axle Steer Axle #1</b>	N/a	Single	N/a	20,000 lbs. Single - Steer
<b>Peterbilt 567 Tri Axle</b>	22.5'	1st of Tridem	N/a	20,000 lbs.

<b>Lift Steerable Axle #2</b>	(264.5")			(Tridem - 60,000 lbs.) 1st of 3
<b>Peterbilt 567 Tri Axle Drive Front Axle #3</b>	4.5' (54")	2nd of Tridem	58,000 lbs. 24' Spacing (USDOT 4-AXLES)	20,000 lbs. (Tridem - 60,000 lbs.) 2nd of 3
<b>Peterbilt 567 Tri Axle Drive Rear Axle #4</b>	4.5' (54")	3rd of Tridem	N/a	20,000 lbs. (Tridem - 60,000 lbs.) 3rd of 3
<b>MAC MFG 48' Moving Floor Tri Axle Trailer #5 Tri Axle (Lift Axle)</b>	31' (378")	Dual	N/a	20,000 lbs. (1st of 3 Tri Axle) 60,000 lbs.
<b>MAC MFG 48' Moving Floor Tri Axle Trailer #6 Tri Axle (Lift Axle)</b>	4.5' (54")	Dual	N/a	20,000 lbs. (2nd of 3 Tri Axle) 60,000 lbs.
<b>MAC MFG 48' Moving Floor Tri Axle Trailer #7 Tri Axle</b>	4.5' (54")	Dual	75000 lbs. 34' Spacing (USDOT 3-AXLES)	20,000 lbs. (3rd of 3 Tri Axle) 60,000 lbs.

<b>TRACTOR (GVWR)</b>	<b>TRAILER (GVWR)</b>	<b>GROSS COMBINATION VEHICLE WEIGHT RATING</b>	<b>TRAILER SHIPMENT WEIGHT CAPACITY</b>	<b>TRACTOR &amp; TRAILER MANUFACTURER WEIGHT CAPACITY</b>
58,000 lbs. GVWR	75,500 lbs. GVWR	98,000 lbs. GCVWR	42,178 lbs. Legal	161,000 lbs Manufacturing Weight Rating
20,000 lbs. Tare Weight	17,822 lbs. Tare Weight	37,822 lbs. Tare Weight	60,178 lbs. Permit	123,178 lbs. Manufacturing Shipment Weight Rating

1. **TOTAL SPECIFICATIONS (Gross Vehicle Weight Rating)**
2. **Total Length:.....576" (48')**
3. **Kingpin Spacing:.....36" (3')**
4. **Swing Radius:.....180" (15')**
5. **Walking Floor Trailer Trailer Specs:**
  - a. **Length:.....576" (48')**
  - b. **Width:.....102" (8.5')**

- c. Side Wall Interior Height:.....106" (8.8')
- 6. Tires Size:.....22.5"
- 7. Wheelbase (Kingpin to Center Axle of Tridem).....432" (36')
- 8. Tri Axle Trailer GVWR
  - a. Tractor (297") [24.75'] Spacing 4-Axles):.....58,000 lbs.
  - b. Tri Axle (Lift, Drives & Trailer Tri Axle- 36' Spacing):...75,500 lbs.
  - c. Tractor Steer Axle:.....23,000 lbs.
  - d. TOTAL GROSS COMBINATION VEHICLE RATING:.....98,500 lbs.
- 9. Tare Weight:
  - a. Tractor (404" [33.7'] Length):.....20,000 lbs (10-Tons)
  - b. Trailer (576" [48'] Length):.....17,822 lbs. (8.9-Tons)
- 10. Weight & Measure
  - a. Cubic Yards of Space (132.9 cu. yards) or (42,118 lbs.)
  - b. Max. Legal Weight:....., 42,118 lbs.
    - i. MUNICIPAL WASTE
      - 1. 500 lbs. Per Cubic Yard
      - 2. 84-Cubic Yard
    - ii. MULCH
      - 1. 1,000 lbs. Per Cubic Yard
      - 2. 42-Cubic Yards
    - iii. SAND
      - 1. 2,400 lbs. Per Cubic Yard
      - 2. 17.5 Cubic Yards
    - iv. FERTILIZER
      - 1. 70 lbs. Per Cubic Yard
      - 2. 132 Cubic Yards
    - v. WOOD CHIPS
      - 1. 1,300 lbs. Per Cubic Yard
      - 2. 32-Cubic Yards
    - vi. DECORATIVE STONES
      - 1. 2,970 lbs. Per Cubic Yard
      - 2. 14 Cubic Yards
    - vii. ROAD SALT
      - 1. 2,160 lbs. Per Cubic Yard
      - 2. 19.4 Cubic Yards
    - viii. PEANUTS
      - 1. 477.4 lbs. Per Cubic Yard
      - 2. 88 Cubic Yard
    - ix. CANNABIS BUDS / WHEAT
      - 1. 1,302 lbs. Per Cubic Yard
      - 2. 32,3 Cubic Yards
- 11. Equipment (Caterpillar 420):.....16 Cubic Yards

3. Backhoe Bucket (0.34 cubic yards):.....47 buckets
  - a. Loading Time:.....58 minutes (1 hours)
4. Front Loader (1.75 cubic yards):.....9 buckets
  - a. Loading Time:.....13.5 minutes (0.25 hours)
5. Track Loader [Cat 973] (3.8 cubic yards):.....4.2 buckets
  - a. Loading Time:.....6 minutes (0.125 hours)
6. Wheel Loader (Cat 966 Loader):.....8 cubic yards
  - a. Loading Time:.....3.5 minutes (0.125 Hours)
7. Cat 349 Excavator:.....4.2 cubic yards
  - a. Loading Time:.....2 Minutes (0.125 hours)
8. Transfer Station (Cat 986 Waste Management):.....13.5 cubic yards
  - a. Loading Time:.....1 Minutes (0.125 hours)
9. Quarry (Cat 986 Wheel Loader) :.....13.5 cubic yards
  - a. Loading Time:.....1 minutes (0.125 hours)