



UTILITY TRAILER INTERSTATE

*9200 Brighton Road
Henderson, CO 80640*

(888)619-4779

<http://www.utilitytrailer.net>



	TRACTOR	REEFER
LENGTH (144' Spacing Split Axle)	404" (33.7')	636" (53')
LENGTH (54" Spacing Tandem Axle)	404" (33.7')	636" (53')

	AXLE #1 (Steer)	AXL2 #2 (Drive Front)	AXLE #3 (Drive Rear)	AXLE #4 (Trailer First)	AXLE #5 (Trailer Rear)
MANUFACTURER RATING	13,200 lbs.	20,000 lbs.	20,000 lbs.	25,000 lbs.	25,000 lbs.
FEDERAL RATING	12,000 lbs.	17,000 lbs.	17,000 lbs.	17,000 lbs.	17,000 lbs.
SPACING (feet) TRAILER REAR AXLE Split Axle Tandem	0'	350" (29.1')	54" (4.5')	417" (34.75')	SPLIT AXLE 144" (12') TANDEM AXLE 54" (4.5')
FEDERAL PERMIT RATING TRAILER Single (Split Axle) Tandem Axle	Single Axle 13,200 lbs.	Drive Front (1 of 2) 20,000 lbs.	Drive Rear (2 of 2) 20,000 lbs.	Split Axle (1 of 2) 20,000 lbs. Tandem Axle (1 of 2) 25,000 lbs.	Split Axle (2 of 2) 20,000 lbs.. Tandem Axle (2 of 2) 25,000 lbs.
NORTH CAROLINA PERMIT RATING	Single Axle 13,200 lbs.	Drive Front (1 of 2) 20,000 lbs.	Drive Rear (2 of 2) 20,000 lbs.	Split Axle (1 of 2) 20,000 lbs. Tandem Axle (1 of 2) 25,000 lbs.	Split Axle (2 of 2) 20,000 lbs.. Tandem Axle (2 of 2) 25,000 lbs.
PERMIT WEIGHT	Axle 1	Axle 1-2	Axle 2-3	Axle 3-4	SPLIT AXLE

	Spacing - 0'	Spacing - 323" Feet - 26' Rating -40,000 lbs.'	Spacing - 54" Feet - 4.5' Rating -34,000 lbs.	Spacing - 420" Feet - 35' Rating -40,000 lbs.	Axle 4-5 Spacing - 144 Feet - 12' Rating -40,000 lbs. GCVWR - 154,000 lbs. TANDEM AXLE Axle 4-5 Spacing - 54" Feet - 4.5' Rating -34,000 lbs. GCVWR- 148,000 lbs.
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**2024 UTILITY 3000R REEFER 53' AIR-RIDE SWING DOOR WITH
THERMO KING S600 HEAD UNIT5 w/12' SPREAD AXLE SPACING
AND SLIDING REAR AXLE REFRIGERATED TRAILER**

1. **TOTAL SPECIFICATIONS (Gross Vehicle Weight Rating)**
2. **Total Length:.....636" (53')**
3. **Kingpin Spacing:.....36" (3')**
4. **Swing Radius:.....108" (9')**
5. **Refrigerated Trailer Specs:**
 - a. Length:.....636" (53)
 - b. Width:.....102" (8.5')
 - c. Ext. Bottom Clearance:.....47" (3.9')
 - d. Int. Height:.....112" (9.3')
 - e. Cubic Inches of Space:.....7,265,664 Cubic Inches
 - f. Cubic Feet of Space:.....4,189.7 Cubic Feet
 - g. Square Inches of Space:.....64,872 Square Inches
6. **Tires Size:.....22.5"**
7. **Wheelbase (Kingpin to Split Axle 144" Spacing).....492" (41')**
8. **Split Axle Trailer GVWR**
 - a. Tractor (350" [29'] Spacing 3-Axles):.....57,500 lbs.
 - b. 3-Axles (Drives & Front Split Axle- 41' Spacing):...60,000 lbs.
 - c. 2-Axles (Split Axles - 12' Spacing):.....40,000 lbs.
 - d. TOTAL GROSS COMBINATION VEHICLE RATING:.....157,500 lbs.
9. **Wheelbase (Kingpin to Tandem Axle 54" Axle Spacing):.....444" (37')**

10. Tandem Axle Trailer GVWR

- a. Tractor (350" [29'] Spacing 4-Axles):.....57,500 lbs.
- b. 4-Axles (Drives & Tandem Axles 37' Spacing):.....66,500 lbs.
- c. TOTAL GROSS COMBINATION VEHICLE RATING:.....124,000 lbs.

11. Tare Weight:

- a. Tractor (404" [33.7'] Length):.....22,000 lbs (11-Tons)
- b. Trailer (636" [53'] Length):.....17,500 lbs. (8.75-Tons)

12. Refrigerated GCVWR (Split Axle) Permit

- a. Max. Permit Weight:.....118,000 lbs.
 - i. # of Pallets:.....26-Pallets
 - ii. Max. Weight Per Pallet:.....4,538.5 lbs.
- b. Max. Legal Weigh:.....40,500 lbs.
 - i. # of Pallets:.....26-Pallets
 - ii. Max. Weight Per Pallet:.....1,557.7 lbs.

13. Refrigerated GCVWR (Tandem Axle) Permit

- a. Max. Permit Weight:.....84,500 lbs.
 - i. # of Pallets:.....26-Pallets
 - ii. Max. Weight Per Pallet:.....3,250 lbs.
- b. Max. Legal Weigh:.....40,500 lbs.
 - i. # of Pallets:.....26-Pallets
 - ii. Max. Weight Per Pallet:.....1,557.7 lbs.