



J & B PAVELKA

Truck & Trailer Sales

11113 Wallisville Road

Houston, TX 77013

(713)670-0733

	TRACTOR	UPPER DECK	BOTTOM DECK	TRI AXLE DECK
LENGTH (Closed Trailer)	440" (36.6')	144" (12')	315" (26.25')	177" (14.75)
LENGTH (Open Trailer)	440" (36.6')	144" (12')	586.2" (48.85)	177" (14.75)

	AXLE #1 (Steer)	AXL2 #2 (Lift)	AXLE #3 (Front Drive)	AXLE #4 (Rear Drive)	AXLE #5 (Front)	AXLE #6 (Middle)	AXLE #7 (Rear)
MANUFACTURER RATING	20,000 lbs.	20,000 lbs.	23,000 lbs.	23,000 lbs.	25,000 lbs.	25,000 lbs.	25,000 lbs.
FEDERAL RATING	12,000 lbs.	12,000 lbs.	17,000 lbs.	17,000 lbs.	17,000 lbs.	17,000 lbs.	17,000 lbs.
SPACING (feet)	0'	270" (22.5')	54" (4.5')	54" (4.5')	468" (39')	61" (5')	61" (5')
FEDERAL PERMIT RATING	Single Axle 20,000 lbs.	Tri Axle (1 of 3) 17,000 lbs.	Tri Axle (2 of 3) 17,000 lbs..	Tri Axle (3 of 3) 17,000 lbs.	Tri Axle (1 of 3) 17,000 lbs..	Tri Axle (2 of 3) 17,000 lbs.	Tri Axle (3 of 3) 17,000 lbs.
NORTH CAROLINA PERMIT RATING	Single Axle 20,000 lbs.	Tri Axle (1 of 3) 20,000 lbs.	Tri Axle (2 of 3) 20,000 lbs.	Tri Axle (3 of 3) 20,000 lbs.	Tri Axle (1 of 3) 20,000 lbs.	Tri Axle (2 of 3) 20,000 lbs.	Tri Axle (3 of 3) 20,000 lbs.

TARE WEIGHT BETWEEN AXLES	5,403.3 lbs.	6,151.9 lbs.	1,757.7 lbs.	9,374.4 lbs.	8,593.2 lbs.	1,953 lbs.	1,887.9 lbs
LEGAL SHIPMENT WEIGHT (80,000 lbs.) BETWEEN AXLE	12,350.4 lbs.	12,052.8 lbs.	4,017.6 lbs.	19,418.4 lbs.	19,641.6 lbs.	4,464 lbs.	4,285.4
NORTH CAROLINA PERMIT WEIGHT (110,000 lbs.) BETWEEN AXLES	16,940.8 lbs.	16,572.6 lbs.	5,524.2 lbs.	26,700.3 lbs.	27,007.2 lbs.	6,138 lbs	5,892.4 lbs.
TARE WEIGHT AXIS POINT (Tractor 5th Wheel)	N/a	N/a	5th Wheel; Slide up to the front Position 295" Mark from Front Bumper	N/a	N/a	N/a	N/a
TARE WEIGHT AXIS POINT (Trailer)	N/a	N/a	N/a	N/a	N/a	6' From Rear Of Trailer Axis Point	N/a
LEGAL WEIGHT (80,000 lbs.) AXIS POINT (Trailer)	N/a	N/a	N/a	N/a	N/a	31' From Rear Of Trailer Axis Point (Pick up Tractor and Trailer) Drop First Pallet	N/a
PERMIT WEIGHT (110,000 lbs.) AXIS POINT (Trailer)	N/a	N/a	N/a	N/a	N/a	14' From Front Of Trailer Axis Point for Tractor & Trailer Drop First Pallet	N/a

	<i>INTERSECTION TYPE</i>	<i>4-LANE HIGHWAY</i>	<i>OFF-TRACKING</i>	<i>SPACE NEEDED FROM CORNER OF INTERSECTION</i>	<i>WHERE IS TRACTOR REQUIRED TO STOP AND BACK</i>	<i>PROFESSIONAL DRIVER WILL?</i>
<i>CLOSED TRAILER</i> 80' Total Length	Two-Lane to a Two Lane Road On a Right Turn 30' Width	Off Track 19'	19' in the Median. The Center of Trailer will be i Required to pass over without backing	64.8' Center of Triangle at 45 Degrees into Intersection The Middle of Trailer will be required for a right Turn without backing	60' into th 90 degree Turn. The Tractor is required to back up a max. of 28'to reduce the 64.8' Center to 49.8' from 45 Degree triangle	Best to Make U-turn and turn in from the left
<i>OPEN TRAILER</i> 102' Total Length	Four-Lane to a Four Lane Road On a Right Turn 60' Width	Off Track 29'	17' From Median the Center of Trailer will cross Over	No Adjustment or Backing Required	No Backing Required	Continue into the turn



2024 DOONAN 53' DROP DECK EXTENDABLE TRI AXLE TRAILER

1. **TOTAL SPECIFICATIONS (Gross Vehicle Weight Rating)**
2. **Total Length (Fully Open Trailer).....908" (75.6')**
3. **Total Length (Fully Closed Trailer).....636" (53')**
4. **Wheelbase (Kingpin to Center Axle - Open).....801" (66.75')**
5. **Fully Open Trailer GVWR (6-Axles).....90,000 lbs. (45-Tons) + 20,000 Steer Axle = 110,000 lbs.**
6. **Wheelbase (Kingpin to Center Axle - Closed).....529" (44')**
7. **Fully Closed Trailer GVWR (6-Axles).....80,500 lbs. (40.25-Tons) + 20,000 lbs. Steer Axle = 105,000 lbs.**
8. **Tare Weight w/Peterbilt 389 Tri Axle (Estimated & Max Weight Preferred)....45,000 lbs. [Est.] 47,000 lbs. [Max.]**
9. **Top Deck Specifications'..... 12 Length x 8.5'Width x 52" Height**
 - a. **Max. Shipment Weight Per Square Inch (With Permit)....0.70 lbs. Per Square Inch**
 - b. **Max. Shipment Weight Per Square Inch (Legal 80,000 lbs.)....0.53 lbs. Per Square Inch**
 - c. **Max. Shipment Weight Top Deck (Permit).....10.281.6 lbs.**

- d. *Max. Shipment Weight Top Deck (Legal).....5,434.5 lbs*
- e. *Max. Shipment Weight Tri Axle Deck (Permit).....12,637.8 lbs.*
- f. *Max. Shipment Weight Tri Axle Deck (Legal).....7,784.6 lbs.*

10. Bottom Deck Specifications (Closed Trailer)..26.25' Length x 8.5' Width x 36" Height

- a. *Max. Shipment Weight Per Square Inch (With Permit)....0.70 lbs. Per Square Inch*
- b. *Max. Shipment Weight Per Square Inch (Legal 80,000 lbs.)....0.53 lbs. Per Square Inch*
- c. *Max Shipment Weight Bottom Deck (Permit).....22,491 lbs.*
- d. *Max. Shipment Weight Bottom Deck (Legal).....17,028.9 lbs.*

11. Bottom Deck Specification (Open Trailer)....48'.85' Length x 8.5 Width x 36" Height

- a. *Max. Shipment Weight Per Square Inch (With Permit)....0.81 lbs. Per Square Inch*
- b. *Max. Shipment Weight Per Square Inch (Legal 80,000 lbs.)....0.37 lbs. Per Square Inch*
- c. *Max Shipment Weight Bottom Deck (Permit).....48,431.8 lbs.*
- d. *Max. Shipment Weight Bottom Deck (Legal).....22,123.1 lbs.*

12. Tri Axle Deck Specifications.....14.75' Length x 8.5' Width x 36" Height (64,872 Square Inches)

- a. *Max. Shipment Weight Per Square Inch (With Permit)....0.70 lbs. Per Square Inch*
- b. *Max. Shipment Weight Per Square Inch (Legal 80,000 lbs.)...0.53 lbs. Per Square Inch*
- c. *Max Shipment Weight Tri Axle Deck (Permit).....12,637.8 lbs.*
- d. *Max. Shipment Weight Tri Axle Deck (Legal).....9,568.6 lbs.*