



**J & B**  
**PAVELKA**  
 TRUCK & TRAILER SALES

***J & B PAVELKA***

*Truck & Trailer Sales*

*11113 Wallisville Road*

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|                      | <b><i>TRACTOR</i></b> | <b><i>UPPER DECK</i></b> | <b><i>BOTTOM DECK</i></b> | <b><i>TRI AXLE DECK</i></b> |
|----------------------|-----------------------|--------------------------|---------------------------|-----------------------------|
| <b><i>LENGTH</i></b> | 440" (36.6')          | 144" (12')               | 315" (26.25')             | 177" (14.75)                |

|                                  |              |            |                |              |
|----------------------------------|--------------|------------|----------------|--------------|
| <b>(Closed Trailer)</b>          |              |            |                |              |
| <b>LENGTH<br/>(Open Trailer)</b> | 440" (36.6') | 144" (12') | 586.2" (48.85) | 177" (14.75) |

|  | <b>AXLE #1<br/>(Steer)</b> | <b>AXL2 #2<br/>(Lift)</b>           | <b>AXLE #3<br/>(Front<br/>Drive)</b>  | <b>AXLE #4<br/>(Rear<br/>Drive)</b> | <b>AXLE #5<br/>(Front)</b>           | <b>AXLE #6<br/>(Middle)</b>         | <b>AXLE #7<br/>(Rear)</b>           |
|--|----------------------------|-------------------------------------|---|-------------------------------------|--------------------------------------|-------------------------------------|-------------------------------------|
| <b>MANUFACTURER<br/>RATING</b>   | 20,000 lbs.                | 20,000 lbs.                         | 23,000 lbs.   | 23,000 lbs.                         | 25,000 lbs.                          | 25,000 lbs.                         | 25,000 lbs.                         |
| <b>FEDERAL RATING</b>  | 12,000 lbs.                | 12,000 lbs.                         | 17,000 lbs.   | 17,000 lbs.                         | 17,000 lbs.                          | 17,000 lbs.                         | 17,000 lbs.                         |
| <b>SPACING (feet)</b>  | 0'                         | 270"<br>(22.5')                     | 54"<br>(4.5')   | 54"<br>(4.5')                       | 468"<br>(39')                        | 61"<br>(5')                         | 61"<br>(5')                         |
| <b>FEDERAL PERMIT<br/>RATING</b>   | Single Axle<br>20,000 lbs. | Tri Axle<br>(1 of 3)<br>17,000 lbs. | Tri Axle<br>(2 of 3)<br>17,000 lbs..  | Tri Axle<br>(3 of 3)<br>17,000 lbs. | Tri Axle<br>(1 of 3)<br>17,000 lbs.. | Tri Axle<br>(2 of 3)<br>17,000 lbs. | Tri Axle<br>(3 of 3)<br>17,000 lbs. |
| <b>NORTH<br/>CAROLINA<br/>PERMIT RATING</b>                                      | Single Axle<br>20,000 lbs. | Tri Axle<br>(1 of 3)<br>20,000 lbs. | Tri Axle<br>(2 of 3)<br>20,000 lbs.   | Tri Axle<br>(3 of 3)<br>20,000 lbs. | Tri Axle<br>(1 of 3)<br>20,000 lbs.  | Tri Axle<br>(2 of 3)<br>20,000 lbs. | Tri Axle<br>(3 of 3)<br>20,000 lbs. |
| <b>TARE WEIGHT<br/>BETWEEN AXLES</b>   | 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                         |
| <b>LEGAL SHIPMENT<br/>WEIGHT<br/>(80,000 lbs.)<br/>BETWEEN AXLE</b>              | 12,350.4<br>lbs.           | 12,052.8<br>lbs.                    | 4,017.6 lbs.  | 19,418.4<br>lbs.                    | 19,641.6<br>lbs.                     | 4,464 lbs.                          | 4,285.4                             |
| <b>NORTH<br/>CAROLINA<br/>PERMIT WEIGHT<br/>(110,000 lbs.)<br/>BETWEEN AXLES</b> | 16,940.8<br>lbs.           | 16,572.6<br>lbs.                    | 5,524.2 lbs.  | 26,700.3<br>lbs.                    | 27,007.2<br>lbs.                     | 6,138 lbs                           | 5,892.4 lbs.                        |
| <b>TARE WEIGHT<br/>AXIS POINT<br/>(Tractor 5th<br/>Wheel)</b>                    | N/a                        | N/a                                 | 5th Wheel;<br>Slide up to<br>the front<br>Position<br>295" Mark<br>from Front<br>Bumper | N/a                                 | N/a                                  | N/a                                 | N/a                                 |
| <b>TARE WEIGHT</b>   | N/a                        | N/a                                 | N/a   | N/a                                 | N/a                                  | 6' From Rear                        | N/a                                 |

|  |            |            |            |            |            |  |            |
|--|------------|------------|------------|------------|------------|--|------------|
| <b>AXIS POINT<br/>(Trailer)</b>                                      |            |            |            |            |            | <i>Of Trailer<br/>Axis Point</i>   |            |
| <b>LEGAL WEIGHT<br/>(80,000 lbs.) AXIS<br/>POINT<br/>(Trailer)</b>   | <i>N/a</i> | <i>N/a</i> | <i>N/a</i> | <i>N/a</i> | <i>N/a</i> | <i>31' From<br/>Rear Of<br/>Trailer Axis<br/>Point<br/>(Pick up<br/>Tractor and<br/>Trailer)<br/>Drop First<br/>Pallet</i> | <i>N/a</i> |
| <b>PERMIT WEIGHT<br/>(110,000 lbs.)<br/>AXIS POINT<br/>(Trailer)</b> | <i>N/a</i> | <i>N/a</i> | <i>N/a</i> | <i>N/a</i> | <i>N/a</i> | <i>14' From<br/>Front Of<br/>Trailer Axis<br/>Point for<br/>Tractor &amp;<br/>Trailer<br/>Drop First<br/>Pallet</i>        | <i>N/a</i> |

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

|                          |                                  |  |                                |                 |  |  |
|--------------------------|----------------------------------|--|--------------------------------|-----------------|--|--|
| <i>102' Total Length</i> | <i>On a Right Turn 60' Width</i> |  | <i>Trailer will cross Over</i> | <i>Required</i> |  |  |
|--------------------------|----------------------------------|--|--------------------------------|-----------------|--|--|

**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.**