**Parameters:**

- **Inside Cramp Angle:** 45.00°
- **Axle Track:** 82.92 in.
- **Wheel Offset:** 4.68 in.
- **Tread Width:** 15.90 in.
- **Chassis Overhang:** 68.99 in.
- **Additional Bumper Depth:** 16.00 in.
- **Front Overhang:** 84.99 in.
- **Wheelbase:** 188.50 in.

**Calculating Turning Radii:**

- **Inside Turn:** 14 ft. 8 in.
- **Curb to Curb:** 28 ft. 7 in.
- **Wall to Wall:** 32 ft. 10 in.

**Comments:**

21828

**Components**

- **PRIDE #**
- **Description**

<table>
<thead>
<tr>
<th>Components</th>
<th>PRIDE #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Front Axle</td>
<td>0030262</td>
<td>Axle, Front, Oshkosh TAK-4, Non Drive, 19,500 lb, DLX/Enf/Qtn/AXT</td>
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<tr>
<td>Front Wheels</td>
<td>0019611</td>
<td>Wheels, Frt, Alum, Alcoa, 22.50&quot; x 12.25&quot; (425/ &amp; 385/)</td>
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<tr>
<td>Front Tires</td>
<td>0001630</td>
<td>Tires, Goodyear, 385/65R22.50 18 ply G286 tread</td>
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<tr>
<td>Chassis</td>
<td>0041906</td>
<td>Arrow-XT Chassis</td>
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<tr>
<td>Front Bumper</td>
<td>0550015</td>
<td>Bumper, 16&quot; extended - AXT</td>
</tr>
</tbody>
</table>

**Notes:**

Actual Inside Cramp Angle may be less due to highly specialized options.

Curb to Curb turning radius calculated for a 9.00 inch curb.

**Definitions:**

- **Inside Cramp Angle:** Maximum turning angle of the front inside tire.
- **Axle Track:** King-pin to king-pin distance of the front axle.
- **Wheel Offset:** Offset from the center-line of the wheel to the king-pin.
- **Tread Width:** Width of the tire tread.
- **Chassis Overhang:** Distance from the center-line of the front axle to the front edge of the cab. This does not include the bumper depth.
- **Additional Bumper Depth:** Depth that the bumper assembly adds to the front overhang.
- **Wheelbase:** Distance between the center lines of the vehicle's front and rear axles.
- **Inside Turning Radius:** Radius of the smallest circle around which the vehicle can turn.
- **Curb to Curb Turning Radius:** Radius of the smallest circle inside of which the vehicle's tires can turn. This measurement assumes a curb height of 9 inches.
- **Wall to Wall Turning Radius:** Radius of the smallest circle inside of which the entire vehicle can turn. This measurement takes into account any front overhang due to the chassis, bumper extensions and/or aerial devices.