

U.S. Patent No. 9,682,600

**LINEWISE**

HiRail Trailer Axle



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## SPECIFICATIONS & FEATURES

- $\pm 90^\circ$  of rotation for rail gear assembly to make it easy to rotate the rail gear to the track instead of trying to line the trailer up to the track
- Locking mechanism is located on the drivers side to prevent crawling under trailer
- Rail gear locks into 3 positions: straight ahead for use on road, float  $10^\circ$  to allow the truck and trailer to go through a 100ft curve, and free to line up with the track.
- Rotating railgear has receiver tubes so a bar can be inserted to quickly rotate the rail gear to line up to the track
- Remote grease port to bearing is done with a bulkhead located at side of trailer frame for easy access for maintenance
- Hydraulic hoses and couplers are oversized to get the maximum hydraulic pressure to the lifting mechanism
- Walking beam rail keeps the wheels on the track while backing up the trailer to get on rail and to equally share the weight of the trailer

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