

# *JSK37USK Sensor Technology*

## *For Air Release System*

### *Sensor Coupling System*

The JSK37USK Series wheel is revolutionary, it allows the driver to know when the fifth wheel is properly and safely coupled from inside the cab. The sensor technology in the wheel sends a signal to a display in the cab that clearly illustrates (for the driver) when the wheel is properly coupled.

#### *Capacities & Ratings*

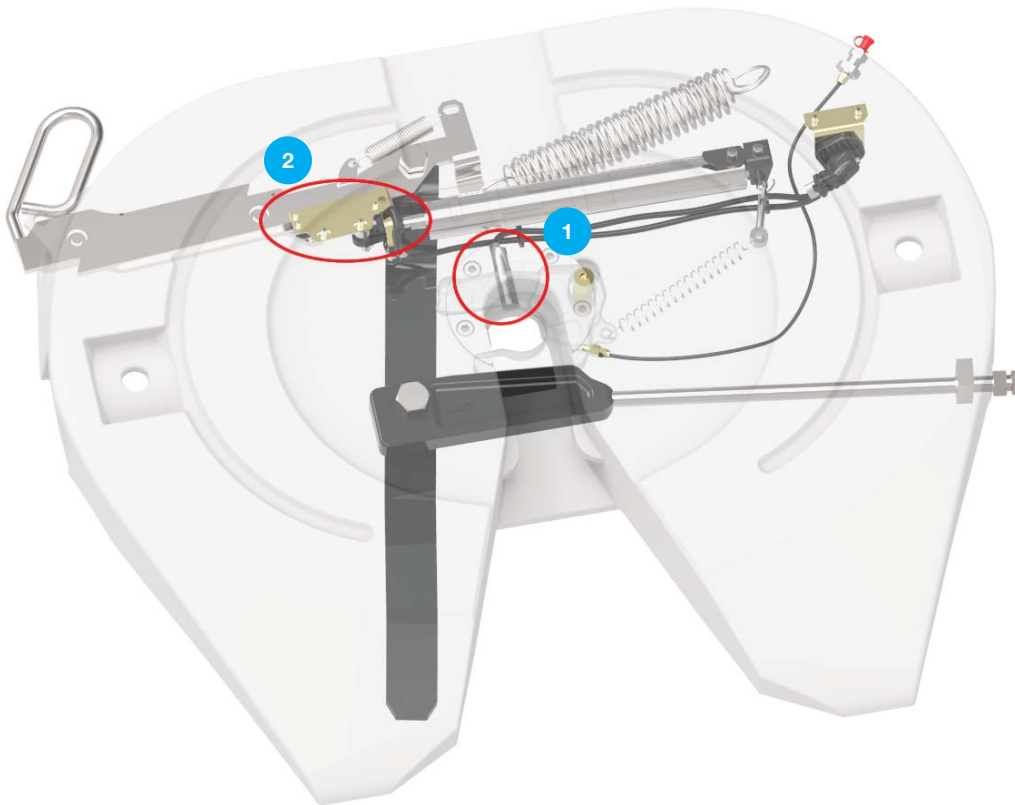
Maximum Vertical Rating  
50,000 lbs

Maximum Horizontal Rating  
150,000 lbs



#### *Features*

- A visual lock indicator to confirm proper locking.
- An automatically engaging secondary lock to ensure security.
- A simple design for reliable coupling.
- Fifth wheel can be rebuilt in under an hour without taking it off the truck.
- Cushion ring in throat reduces wear on the kingpin and absorbs impact.
- A full size release handle for easy manual release.



## **First Sensor**

The first sensor verifies that the kingpin is in the lock.

To check this manually the driver would need to get out and go under the trailer to verify that the kingpin was properly in the throat of the wheel.

## **Second Sensor**

The second sensor indicates that the fifth wheel is locked and the release handle secured.

This would normally need to be confirmed by a visual inspection by the driver to make sure the handle is fully retracted to the casting.

## **The Dashboard Display**

The display clearly indicates the condition of the wheel and the trailer. When properly coupled, the dashboard display shows the locked icon in green, when ready to couple it shows the uncoupled icon in red. Please refer to the owners manual for the full range of displays and reasons for each of them.

### **Securely Coupled**



Dash Top Display

### **Ready to Couple**



Dash Top Display