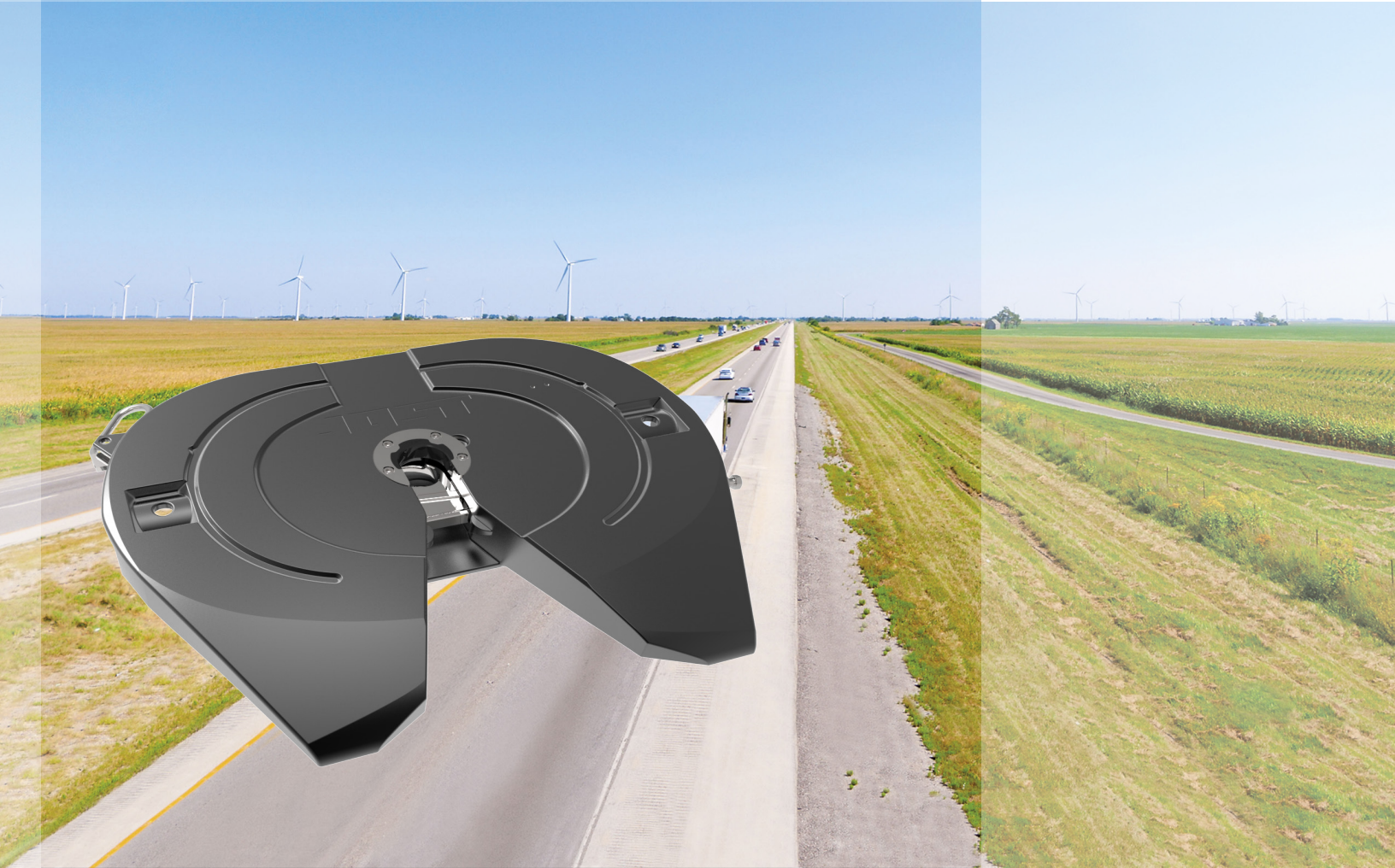


# Air Release



## Moving Forward

From large national fleets to owner operators the move is on to JOST and to automation. JOST cab air release is a technology that drivers love for ease of operation and safety directors embrace as a tool to minimize the cost of insurance and claims.

- A safety system interlock requires the truck to be stopped and the trailer brakes applied before cab controls are activated.
- An automatically engaging secondary lock ensures security.
- A visual lock indicator to confirm proper locking.
- The fifth wheel can be rebuilt in under an hour without taking it off the truck.
- The throat cushion ring reduces wear on the kingpin and absorbs impact.
- A full size release handle for easy manual release.
- Available for specification at all major OEMs.

### CAPACITIES & RATINGS

Max. Vertical Capacity  
50,000 lb.

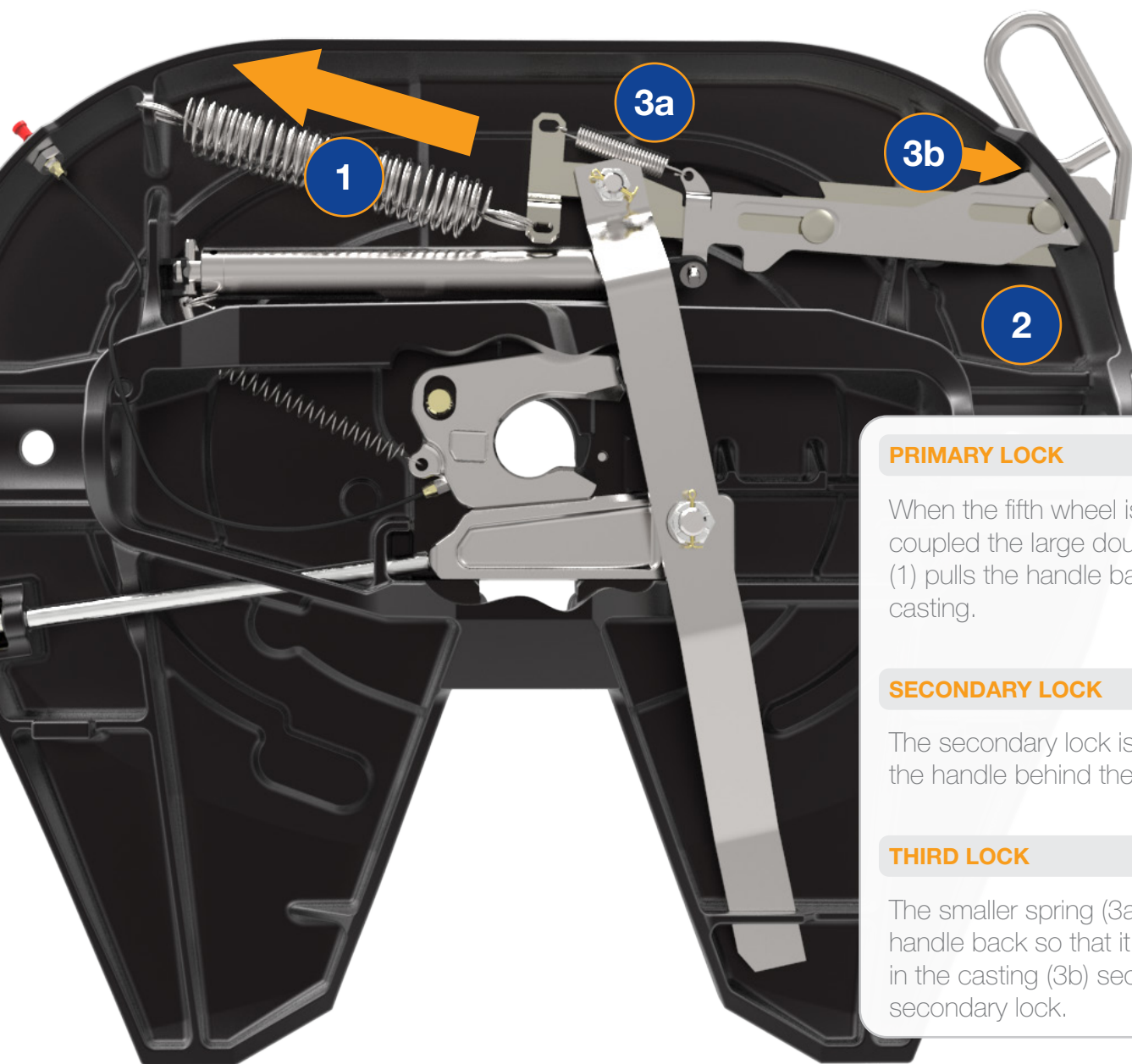
Max Horizontal Capacity  
150,000 lb.

### AVAILABLE OPTIONS

Low Lube Pads  
No-Tilt Bracketry  
Additional Sensor System  
Steel Wear Pads  
Steel Wear Ring

# JSK37 Air Release

## HOW IT WORKS



### PRIMARY LOCK

When the fifth wheel is properly coupled the large double coil spring (1) pulls the handle back into the casting.

### SECONDARY LOCK

The secondary lock is the notch (2) on the handle behind the casting skirt.

### THIRD LOCK

The smaller spring (3a) pulls the handle back so that it fills the slot in the casting (3b) securing the secondary lock.

### OPENING THE WHEEL

The handle on the JOST air release operates independently from the release arm. This means the handle can be activated by the air release cylinder and cab switch or manually pulled open with the handle to release the kingpin. The air release system is protected by an interlock which requires that the vehicle is stopped and the trailer brakes set before air is provided to the cab controls.

Once these steps have been completed the air cylinder will push the handle, allowing it to disengage the secondary lock notch. This allows the handle to move out of the casting into the uncoupled position.

For ordering information, please contact our sales department.