

## JOST JSK36C Recommended Applications.

When specifying equipment for your new truck and trailer purchase you need to take not only the static forces but also dynamic forces imposed by the trailer as well as the environmental factor into account. Dirty operating environments? This is where the **JOST JSK36C** steps up.

### JOST JSK36 Specifications

- Imposed load 20 tons
- GCM 65 Tons
- D-Value 152kN
- 36" support across the top plate
- Height 150/185mm
- Material - Cast Steel

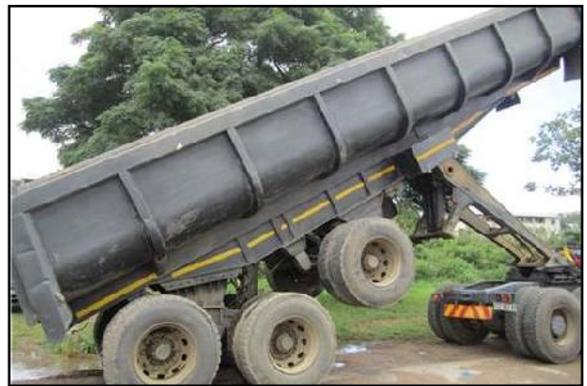


Blocked JSK36C: Copelan Tipper application

Where would we need a fifth wheel with these attributes in South Africa's transport industry?



Sloper Tippers



Copelan Tippers



Sugar Cane



Timber

The question is:

Why recommend the **JOST JSK36C** fifth wheel for these applications?

The **JOST JSK36C** fifth wheel has 36 inches across the top plate and is made from cast steel which is a very tough material. Cast steel is highly resistant to abrasion and will increase the life of the fifth wheel when used in dusty or contaminated environments. The cast steel construction is also tough enough to be used in Copelan tipper applications where the fifth wheel needs to be blocked off underneath on the front and rear of the fifth wheel.

The **JOST JSK36C** excels in contaminated or dusty environments and works well with EP2 Graphite lubrication to extend service life and minimize potential damage to the skid plate.



Dusty road conditions

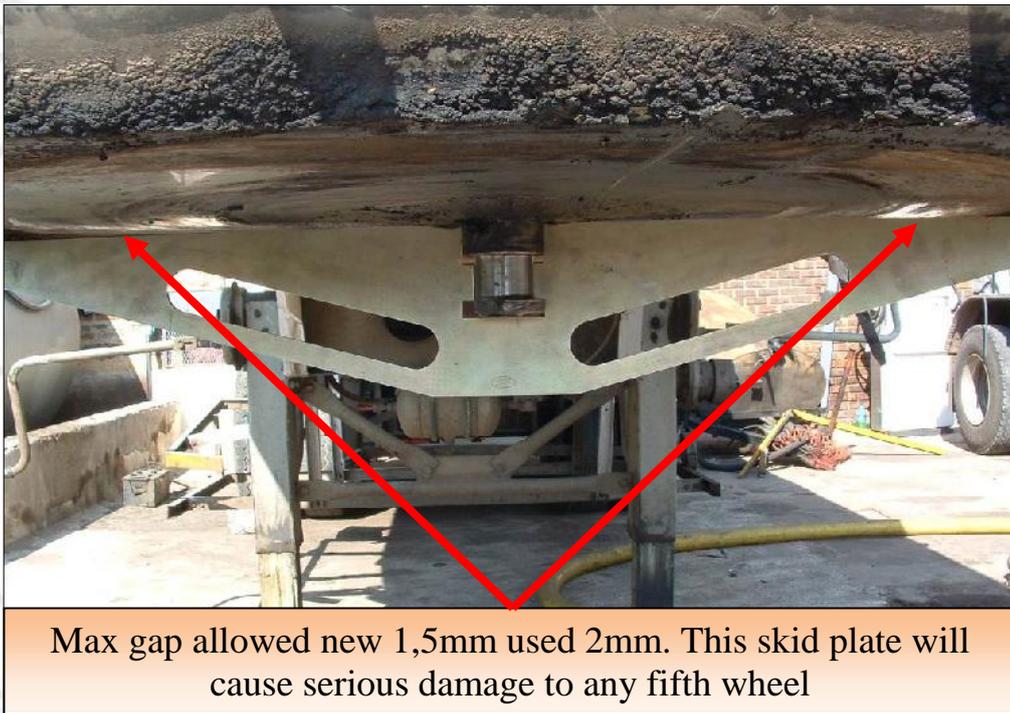


Dusty or contaminated mining applications

The **JOST JSK36C** fifth wheel provides 20 ton imposed load that will give good shock absorbing properties to trailers with a medium to low centre of gravity running static loads that do not impose a high side force on the skid plate and fifth wheel top plate. Keep an eye on the rubbers and replace them when required. The superior shock absorbing properties of the **JOST JSK36C** rubbers will minimize vibration and provide shock absorption to provide protection to the truck and trailer chassis and the drivetrain of the truck.

For best results use EP2 Graphite lubrication, clean the skid plate and fifth wheel top plate regularly. The **JOST JSK36C** is auto adjusting and only requires regular inspection. To get the best from your JSK36C fifth wheel replace the wearing kit before the handle touches the fifth wheel top plate body when hitched to a legal inspected kingpin.

Having the correct fifth wheel for the application is one thing, but getting the most out of that fifth wheel is up to the condition of the skid plate and its ability to support the load and deal with the forces imposed on the skid plate without deforming. A skid plate that does not make 100% even load contact with the fifth wheel top plate will create high pressure areas that will lead to lubrication being removed prematurely in those high load areas leading to increased friction and abnormal wear on the skid plate and fifth wheel which will lead to premature replacement.



**Jost** recommends for tipper trailers running static loads on poor road conditions the correct skid plate thickness to be either 10mm or 12mm WR50C material fitted with a KZ1010 flange type kingpin for 10mm skid plates ideal for medium centre of gravity trailers and better road conditions. The KZ1012 flange type kingpin fitted on 12mm thick skid plates running poorer road conditions and higher centre of gravity trailers. Installed and supported as per **Jost** recommended installation instructions and government legislation:

Government Gazette no: 32916 5 Feb 2010. Compulsory specification of motor vehicles type O3 and O4 point no 3.6 Requirements for couplings on semi-trailers.

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