

Jost's latest product release: The new locally produced Jost axle!

Yet another reason to specify **Jost** products!



If it isn't broken, don't fix it. This is how we approached the new **Jost** SA axle.

Jost axles are single piece axles produced locally with 95% local content and all material monitored in terms of quality so that you the customer receive a quality finished product.

Jost has always strived to assist the transporter by reducing **Cost Per Kilometer (CPK)** and the new range of **Jost** one piece hollow and square axles were designed to achieve this.

Jost axles carry a 3 year conditional warranty. The warranty excludes all friction material and parts. **Jost** axles are SABS R13:1996 approved and tested to 60 tons per axle load before a deflection could be noted. How do we ensure that every **Jost** axle is manufactured with South African conditions in mind?



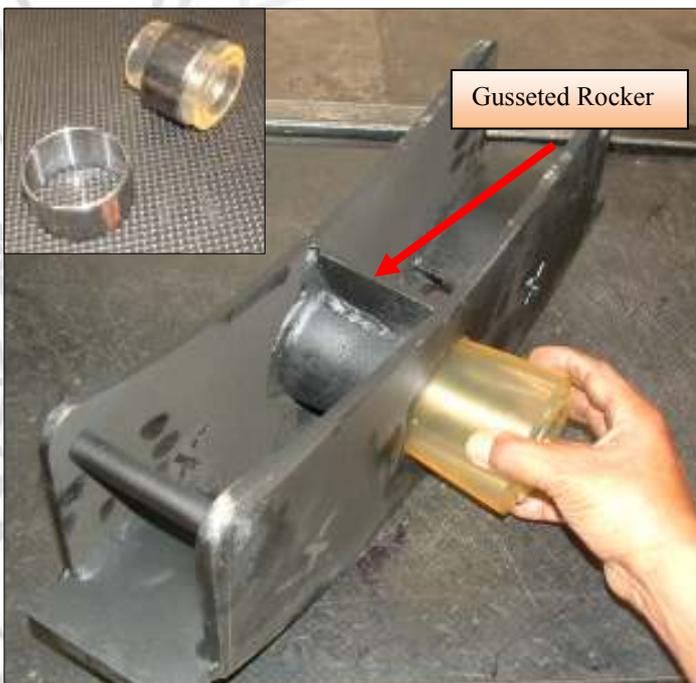
Radiused machined **Jost** axle

Jost single piece axle - **Jost** solid square and hollow round single piece axles are manufactured from ST52 material. Hollow round axles have a 17.5mm wall thickness and are capped with Welsh plugs to stop moisture and rust from entering the axle. Every corner in the axle is radiused, minimizing weak spots in the axle. Radiuses also increase the total strength of the **Jost** axle.

Jost brake drums - Special care is taken when machining the drums to maximize the amount of metal especially in the corners to give the **Jost** brake drum increased strength. **Jost** only uses high quality brake drums supplied by local foundries in raw casted form.



New brake drum being machined



Gusseted Rocker

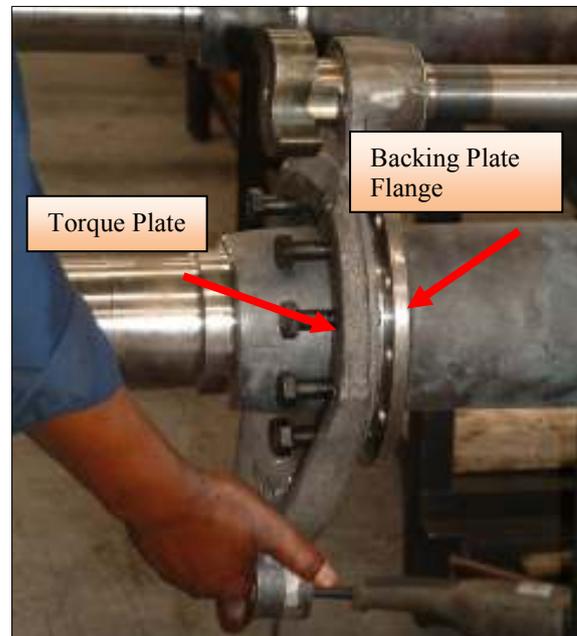
Jost rockers - **Jost** added a special gusset to the center bush to increase strength and reduce the chances of failure on this normally failure prone area. All the bosses are first machined inside and then tapered to ensure that all the burs and imperfections are smoothed out. The Poly bush now works without resistance increasing service life.

Booster brackets - The Jost axle uses a vertically mounted booster bracket that increases strength and support to the booster.



Jost axles are available with all mechanical suspension components: Hanger brackets, spring packs, rockers, etc.

Jost torque plate - The Jost torque plate is welded to the Jost axle. The backing plate (spider) flange is then bolted to the torque plate. Replacing the backing plate flange can easily be done next to the road in case of failure should it be necessary, thus reducing downtime to a minimum?



Jost axles are available from Jost as of 1st of April 2013, and only mechanical suspensions are available at present. The Jost air suspension is currently being developed and will be available shortly, please keep an eye on this space.