

**Bruce Rock**  
ENGINEERING

## SIDE TIPPERS

Bruce Rock Engineering's range of side tippers offers the best tare weights and build quality in Australia, while keeping maintenance and down time to a minimum. Our side tippers have been specially designed and tested in the toughest conditions the world has to offer; the Pilbara region of Western Australia.

We have developed a tried and proven side tipper that is all about maximum payload, clean presentation, quick and easy operation with simple access to hydraulic systems that help to keep trailers on the road, and not in the workshop.

### STANDARD FEATURES INCLUDE:

- Drum brake axles and suspension
- Bolt in king pin and bolt in ball race block
- Two speed landing legs
- Dual spare tyre carrier
- Hella LED lights, wired to dangerous goods specification
- Road train hitch plate with air, electrical and hydraulic couplings, plumbed to suit quad road train operation
- STRENX™ ultra high tensile auto fabricated chassis
- Evolution series body 8.5m long x 2.49m x 1.15m high = 23m<sup>3</sup> capacity
- Knife type door sealing faces to prevent damage and product build up
- Reverse mounted double acting hydraulic tip and door cylinders with remote operation from truck cab
- Grease-less BRE ball and cup body pivots
- Bolt on roller guard assembly and mud flaps
- Abrasive blasted to class 2.5 epoxy primed and two pack top coated, including internal body

**Best tare weights. Best build quality.**

*'Door' type and 'bowl' type designs for bulk haulage.*



**TARE WEIGHTS FROM 7.1-8.5 TONNE**

**THREE STANDARD CHASSIS LENGTHS:**

- Type 1 chassis (10.0m long) that is designed to suit a tri dolly, tri drive or 8x4 prime mover
- Type 2 chassis (9.0m long) that suits a tandem dolly or 6x4 prime mover only - this is aimed at the pocket road train operators and local governments that require shorter overall lengths
- Type 3 chassis length to hedge your bets! Can be configured to suit 30.0m A- Double, AB-triple with tandem or tri dollies and comply with Australia-wide axle spacings and lengths

Both these chassis fit perfectly under our 'Evolution' series bodies that are available in 4.0mm, 5.0mm, 6.0mm and 8.0mm HARDOX™ 450 impact and wear resistant plate.

**TARPING OPTIONS FOR OUR SIDE TIPPERS INCLUDE:**

- BRE standard hydraulic lid, hinged from the left hand side to load from the right only
- BRE parallel arm hydraulic lid that allows lower open height and more front end loader clearance to load from the right only
- BRE dual flip hydraulic lid (patent pending) that can be changed to open to the left or right allowing loading from either side, all with the movement of a single lever - all BRE hydraulic lids can be operated from the side of the trailer or by remote control
- Roll tarp mounted on bolt-on frame
- Concertina tarp on bolt-on frame - both manual and remote electric operated

All trailers are available with different combinations of equipment such as air-bag suspension, disc brake axles and Alcoa aluminium wheels. Our 'bowl' side tipper bodies are a popular option where sealing in product or leakage is a priority, they also require less maintenance with no door hinge and simpler hydraulics. They are a cleaner and quicker tipping alternative for mine-to-port type bulk haulage operations

**PBS - PERFORMANCE BASED STANDARDS**

BRE has embraced Performance Based Standards and the efficiency gains it can bring to a specific freight task. We are the leaders in development of combinations that have allowed significant increases to payload, while also improving the on-road behaviour of the vehicle, resulting in an environmentally friendly, safe and efficient vehicle.



**CONTACT US**

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