



# DOLLIES

*Uniquely manufactured dollies offering the best tare weight in Australia*

BRE dollies offer the best tare weight in Australia and are manufactured with a unique ultra high-tensile sandwich style chassis.

This 3D CNC (computer numerical control) cut and fabricated chassis design maximises both tare weight and structural integrity. There are no laminations or

hollow sections to trap rust or crack and the sandwich design allows torsional flex while retaining ultimate strength.

We offer our dollies in both tandem and tri axle configurations, and in 2.4, 2.7 or 3.1 m axle spreads to suit your application.

## **STANDARD FEATURES INCLUDE:**

- Drum brakes with auto-slack adjusters and spring suspension
- Sandwich type chassis, fully fabricated from CNC profile cut STRENGTH™ ultra high tensile plate
- Either fixed or ball race turn tables from K-Hitch, Jost or Holland
- Hella LED lights, wired to dangerous goods specification
- Tow height options of 1000mm or 850mm or dual 750mm and 1000mm
- A-frame with adjustable leg and pogo stick, either weld in or bolt in tow eye
- Bolt on BRE roller guard assembly and mud flaps
- Abrasive blasted to class 2.5 epoxy primed and two pack top coated
- Optional remote high pressure grease lines to ball race
- Optional hydraulic lines to suit end or side tippers
- Optional WABCO EBS braking.

All dollies are available with different combinations of equipment such as air-bag suspension, disc brake axles and Alcoa aluminium wheels.

**TARE WEIGHTS FROM 2.4-3.8 TONNE.**



**SPECIALISTS IN  
ROAD TRANSPORT  
EQUIPMENT**

**DESIGN + MANUFACTURING**

**Bruce Rock  
ENGINEERING**

[BRUCEROCKENGINEERING.COM.AU](http://BRUCEROCKENGINEERING.COM.AU)

INNOVATION. QUALITY. CUSTOM DESIGNS.

# OUR MANUFACTURING PROCESS

*Focused on delivering our customer's requirements on time and budget*

**EVERY TRAILER WE MANUFACTURE COMPLIES WITH AUSTRALIAN STANDARDS AND UNDERGOES OUR OWN STRICT CHECKS AND BALANCES.**

- 1 3D CAD DESIGN** – To guarantee 100% accuracy and fitment of our trailers we use the latest 3D modelling software and ensure every design is stress checked before they are produced.
- 2 CNC PROFILE CUTTING** – We ensure accuracy to 0.5mm and 100% repeatability of every steel trailer component we cut, we use state of the art CNC laser and plasma profile cutting machines.
- 3 CHASSIS RAIL FABRICATION** – For consistent strength and weld appearance on every trailer chassis, all rails are fabricated using CNC profile cut web material and welded to Australian standards in our automated beam welding machine.
- 4 TRAILER FABRICATION** – High volume parts are fabricated in custom jigs, while special and once off parts are fabricated from 3D drawings. All fabrication work follows strict procedures and quality standards by our experienced and qualified tradespeople.
- 5 BLAST & PAINT** – All parts are abrasive blasted to class 2.5 in our onsite booth and primed with a two pack epoxy primer. Once dry the parts are sanded smooth and sealed ready for top coat to the required colour with a two pack polyurethane gloss finish.
- 6 ASSEMBLY AND FIT OUT** – To ensure a better finished product with a longer life, we assemble all materials, fabricated parts and components once they have been painted. Once all components have been fitted, the trailers and bolt tensions are tested and approved ready for licensing and customer delivery.

**THE BRE MANUFACTURING PROCESS IS CARRIED OUT COMPLETELY IN-HOUSE TO ENSURE 100% QUALITY CONTROL THROUGHOUT EVERY STEP.**



INDUSTRY LEADING DESIGN

End Tippers

Side Tippers

Dollies

Trailers

Drop Decks

Flat Tops

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