



Livestock Trailers

Innovative Technology Trailer Design



BYRNE

Quality | Performance | Reliability



■ Introduction

Byrne Trailers have led the way in trailer design and manufacture throughout Australia for over 35 years. Their reputation for **innovation, quality, reliability** and **performance** has become the benchmark against which other companies are measured.

By accessing the needs of Australia's heavy road transport operators, Byrne have been able to develop a range of state of the art trailers that are ideally suited to rugged Australian conditions.

Byrne Trailers incorporate a wide range of practical features, all of which are designed to deliver continuing performance and maximum productivity, even in the most demanding conditions.

The company's focus on strict quality control extends through all aspects of the design and manufacturing process, from the selection of materials and components, through to the quality workmanship and finish that Byrne Trailers are famous for.

As one of the Country's largest manufacturers of heavy road transport trailers, Byrne continue to strive for excellence.

The company's ongoing commitment to R&D has resulted in the development of many 'world firsts' in trailer design, technology and safety, and has earned them an enviable reputation as leaders in the industry both in Australian and Overseas.

■ Quality Livestock Trailers

Selecting the right trailers to suit your livestock transport needs is crucial to the success of your business. Not only are there issues such as quality, reliability and performance to consider, there are other equally important factors including versatility, safety, and perhaps most importantly, the condition in which your livestock is going to arrive at its destination.

With over 35 years experience in the design and manufacture of heavy transport trailers,

Byrne Trailers have developed a range of quality livestock trailers that have been designed to boost productivity while protecting your stock. Incorporating the latest in trailer construction and materials technology, together with Byrne's world-renowned 'non-bruise' design, these units deliver their best, so you can deliver your best.

■ 'Non Bruise' Design

All Byrne livestock trailers feature Byrne's revolutionary 'non-bruise' design. This is achieved through the use of their patented extruded aluminium side-boards, which are attached to the inside of the RHS steel cross-members – resulting in a smooth internal finish which prevents bruising and injury to livestock.

■ Heavy-Duty Construction

All Byrne livestock trailers are manufactured to the highest quality standards and incorporate a range of features including:

- Sheeting pressed from imported materials giving maximum strength and durability - ensuring longer lifespan from exposure to effluent
- All steel RHS members from hi-tensile tubing AS/NZS 1163-C450
- All trailers laser aligned prior to delivery – ensuring optimum handling and on road performance

- Industry Leading 'Catwalk' Functionality - Access to the top 'catwalk' for Cattle Trailers is the safest in the industry and Standard on all Byrne Trailers. Featuring walk through sections with three contact points to assist the operator access the top. Once on the cat walk, the ramp can be activated by remote control preventing any risk of injury

- Genuine 'One-piece' sub rail system combined with an extra heavy duty skid plate for continued performance even under the harshest conditions

- All trailers painted and baked in Byrne Trailers' state of the art spray booth using the latest two pack epoxy undercoat followed by two coats of two pack polyurethane paint.

- New LED light fixtures comply to ADR13/00, ADR 47/00 & ADR 74/00 respectively. All the wiring is fire retardant, anti-corrosive with an anti wear weave to protect from stones and is also vibration wear resistant to provide long lasting and reliable results

In addition to these impressive features, Byrne Trailers also incorporate patented extruded aluminium side-boards and centre deck bars, providing an ideal combination of strength and durability, whilst helping to minimise tare weight.

■ Innovative Technology Design

Due to the inventiveness and diligence of the engineering team at Byrne, many 'World Firsts' have been achieved. The implementation of innovative '**Solid Modelling Engineering**' has again enabled the team at Byrne to design new generation light-weight trailers for the livestock transport industry.

- 4x2 B-Double tare weights of under 19,000kgs can now be achieved
- Cattle B-Double tare weights of under 15,000kgs can now be achieved
- No loss of structural integrity
- Enables carriers to increase payloads by as much as 5 ton and even more in some applications

It's for these and many more reasons, Byrne continue to maintain leadership in the manufacturing industry with Innovative Technology Trailer Design.

■ 4x2 Convertible Livestock Trailer – Versatility and Performance

Offering the perfect combination of performance and versatility, Byrne's '4x2' livestock trailers truly deliver 'the best of both worlds' for livestock transport. Manufactured with two permanent decks and two convertible swing decks, the '4x2' is ideal for transporting either cattle or sheep. Byrne's unique design also enables the convertible decks to be lowered and raised with ease by one person – converting the trailer in a matter of minutes. Available in all Single, B-Double and Road Train configurations, the Byrne '4x2' livestock trailer incorporates all the features you'll need, including:

- Longitudinal cattle decks and floors, fitted with anti-skid floor rods and designed for easy cleaning

- Heavy-duty 'cattle lever' door latch system
- Patented 'Compound Gate' and 'Support Latch'
- 2, 3 or 4 pen design
- Choice of ramp widths and positions
- Optional Electric/Hydraulic operated ramps
- Optional ladders and catwalks
- Side-Loading design also available
- Suspension and axle options

■ 'Bruise Free' 2-deck Cattle Trailer An Australian Classic

With over a thousand units in use around Australia, the Byrne 'Bruise Free' 2-Deck Cattle Trailer is truly an Australian 'Classic'. Built tough to withstand Australia's harsh conditions, the 2-Deck cattle trailer combines the latest in high-tech trailer materials and construction technology, with the rugged dependability that the Australian livestock transport industry has come to trust.

■ Features and Options

Byrne 2-deck cattle trailers are available with wide range of options including:

- Longitudinal or side draining floor, fitted with anti-skid floor rods and designed for easy cleaning
- 2,3,4 pen design
- Choice of ramp widths and positions
- Optional electric/Hydraulic operated ramps
- Optional ladders and catwalks
- Side loading design also available
- Choice of suspension and axle options



- Non Bruise Design
- Built Tough for Harsh Australian Conditions



- Innovative Technology Trailer Design
- Strength, Durability and Minimum Tare Weight



**Byrne Aluminium Tippers
'Servicing Australia for over 35 Years'**

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