

Combined knowledge

ESTABLISHED IN JULY 2009, **GRAYSTAR TRAILERS** SPECIALISES IN THE DESIGN AND MANUFACTURE OF REFRIGERATED TRANSPORT EQUIPMENT. "COLLECTIVELY OUR TEAM HAS A CENTURY OF EXPERIENCE IN THE INDUSTRY," SAYS MANAGING DIRECTOR DAVID GRAY. "SUCH COMBINED KNOWLEDGE IS THE IDEAL BASIS TO BUILD A PREMIUM PRODUCT."



Long before David and Samantha Gray founded Graystar Trailers in early 2009, David had been involved in the road transport equipment sector. "After almost 30 years in the industry, we saw a need for a company that would work hand in hand with our demanding clientele to design and build a premium refrigerated semi-trailer."

As Graystar's target market is a relatively small one, the Australian owned and operated family business gathered a handpicked team of fourteen people to start off in the manufacturing sector. "We are perfectly placed," says David, who began working in the industry in 1980. "Refrigerated trailers are our specialty. We care about every single trailer we build and strive to keep raising the bar."


All Graystar Trailer models are based around a full-length chassis. "All chassis are designed and purpose built in house based on lightweight high-tensile steel." The solid design of the Graystar chassis makes it ideally suited for road train work, for instance. "The extremes of Western Australia and North Queensland are the perfect environment for a Graystar chassis," David explains. "The

extra support of a full chassis can alleviate potential damage to the load. In addition, it will cause the trailer to hold the road better and reduce flexing.

"Also, only the highest quality, lightweight, high-density Styrofoam is used as insulation. This means that the fridge does not have to work as hard, thereby saving fuel and looking after the environment."

In general, each Graystar design is based on the idea of building a premium product. "Therefore, the fibreglass skins on a Graystar vehicle are also of the highest quality," says David. "An extremely smooth wall skin not only makes the trailer look great, it is also easy to keep clean and ideal for sign writing." The doors on a Graystar trailer are hand-built to suit the individual design. "We use a 75mm Styrofoam insulation as standard on all freezer spec doors. Bonded to the door panel, we thereby achieve a total thickness of 100mm. A double lip door seal is fitted to the doors first and then a flexible bag seal is fitted internally, making the doors effectively airtight and far superior to all moulded seals that are available."

At Graystar, double container style door lines

are used as standard to increase trailer rigidity and stop racking. This means less wear and tear, as well as less downtime for repair work. "We are affiliated with all the major suppliers of bolt on equipment. Most fridges, suspensions, wheels, tyres etc can be accommodated. Clients generally have their own preference in these areas, so we design the trailer around what is required. Internal specifications, flooring, load control, scuff strips can also be varied to suit customer preference. We have the ability to custom-build almost anything that is required," David explains. "Plus we are always looking at new ideas and products from around the world. This has enabled us to come up with concepts that have not been used before in Australia. Our design for a trolley load restraint system was a world first, for instance." 



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