



COMMERCIAL SOLUTIONS



Austal is a global shipbuilder, defence prime contractor and maritime technology partner of choice; designing, constructing and supporting revolutionary defence and commercial vessels for the world's leading operators.

For more than 25 years, Austal has designed and constructed over 250 vessels for over 100 operators in 44 countries, gaining an enviable reputation for innovative shipbuilding using advanced design technologies and modern, modular construction techniques.

From shipyards located in Australia, the USA and the Philippines - and service centres located around the world - Austal offers naval, government and commercial operators the highest quality ships, systems and support.



COMMERCIAL SOLUTIONS

Austal's commercial vessel platforms include high-speed passenger ferries and vehicle-passenger ferries that deliver performance, comfort, economy and reliability for both operators and customers.

Austal's proven capability to design customised vessels is complemented by the company's powerful, global production capacity. Offering monohull, catamaran and trimaran hull forms ranging from 16 metres to 130 metres in length - and speeds from 10 to over 50 knots - Austal has a ferry solution for any commercial or public transport service requirement, operating anywhere in the world.

With valuable experience gained from delivering customised ferries to the world's leading operators, Austal understands - better than any other shipbuilder - the expectations of customers and the demands of successful operators for high quality, high performance vessels.

Austal offers:

- An extensive portfolio of proven commercial vessel designs with unrivalled expertise and experience in aluminium vessel construction.
- A globally recognised, highly respected design team developing innovative, customised vessels.
- Unique vessel management systems that enhance operation and customer experience (such as Marine Link and Ride Control).
- Safe, cost-effective and ISO quality-assured modular production processes.
- Fast, on-time (and on-budget) delivery, through efficient, global production capacity and best practice project management.
- Highest quality vessels featuring the latest in performance, economy, technology, safety, comfort and amenity.
- 'Through-life' capability management, vessel sustainment and support services.
- The assurance of a global, financially strong and secure contractor, listed on the Australian Stock Exchange (ASX).
- A demonstrated commitment to customer satisfaction throughout the design, construction and support process.

NEXT GENERATION
102 TRIMARAN



PASSENGER FERRIES

As the world's largest builder of fully customised high-speed passenger ferries, Austal offers proven vessel designs ranging from 16m through to 130m suited to a range of applications - from high volume commuter services to tourism orientated operations, with layouts, speeds, seakeeping and interiors optimised to match the required service.

VEHICLE PASSENGER FERRIES

Efficient vehicle handling and quality interior fitouts set the Austal's 'Auto Express' series of vehicle passenger ferries apart from the competition. As with Austal's passenger ferries, vessel specifications and powering options are customised to suit operator requirements, with both catamaran and trimaran ferry designs available to carry passengers, cars, trucks and cargo at a range of speeds - and in maximum comfort to suit the sea conditions. Hull forms are optimised to ensure maximum fuel efficiency by using advanced design technology.



LEONORA CHRISTINA ▶

	Monohull	Catamaran	Trimaran
Length (metres)	20 – 60	25 – 120	100 – 140
Speed (knots)	25 – 35	20 – 42	30 – 45
Deadweight (tonnes)	300	1200	1200
Passengers	100 – 200	300 – 1300	500 – 1500
Cars	Customised solutions available.	50 – 360	200 – 350
Trucks		Up to 600 lane/ metres	Up to 600 lane/ metres

This table is provided as a guide to assist with the understanding the capabilities of our current range. Customised solutions, meeting your specific capacity and/or performance requirements, are available across all hull types. Please contact us to talk about your operational requirements.

THE AUSTAL POINT OF DIFFERENCE

Advanced Hull Designs and Engineering

Austal's team of industry leading naval architects have developed some of the worlds most iconic commercial ships (such as the 102m Condor Liberation and 127m Benchijigua Express) – and can customise a proven vessel design to suit your specific requirements – or develop an entirely new design – that delivers the optimal balance between passenger comfort, speed and efficiency over a range of operating conditions.

Supporting this product development are expert, in-house teams of marine and mechanical engineers, HVAC engineers, electrical designers, interior designer and drafts people. Utilising advanced design technology, including Computational Fluid Dynamics, Seakeeping Analysis, three dimensional modelling and detailed Global Finite Element Analysis, the Austal team can develop an effective, customised design based on a proven monohull, catamaran or trimaran hull.

Aluminium - Delivering Strength, Speed and Economy

As an acknowledged global leader in aluminium vessel construction, with an intrinsic understanding of the material's qualities and characteristics, Austal is at the cutting edge of aluminium structural design. The desire to optimise vessel strength for minimum weight - particularly important for the large high speed platforms - led to the development of Austal's own highly specialised in-house Finite Element Structural Analysis procedures. These procedures ensure every Austal vessel meets the highest quality standards for structural (hull) performance and integrity.

Ride Control - Enabling a More Comfortable Journey

Austal offers improved seakeeping capabilities and a more comfortable journey through an advanced, computer-controlled motion reduction system, available on every Austal vessel.

MarineLink - Ship Monitoring and Control Network

MarineLink allows extensive monitoring of vessel machinery and operating systems with flexibility to tailor the program to individual operator and vessel needs, overcoming the limitations inherent in 'off-the-shelf', third party systems.



MONOHULL



CATAMARAN



TRIMARAN

NEXT GENERATION 102 TRIMARAN

CONDOR LIBERATION

This impressive trimaran was delivered to Condor Ferries of the UK in December 2014. The 102-metre Condor Liberation is an evolution of Austal's landmark 2005 trimaran ferry "Benchijigua Express" in every sense - optimising performance, seakeeping, fuel efficiency, passenger comfort and payload to deliver a truly next generation transportation solution.

Austal Philippines undertook a program of optimization works for the vessel prior to delivery, including a Bridge extension and interior fitout.



▲ CONDOR LIBERATION



PRINCIPAL PARTICULARS

Length: 102.0 m
Beam: 27.4 m
Hull draft (max): 4.5 m
Speed: 37 knots @ 90% MCR
Range: 660 nm @ 90% MCR
Passengers: 880 in 3 lounges
Vehicles: 245 cars
Heavy Vehicles: 188 lane metres and 137 cars
Maximum Deadweight: 620 tonnes



▲ NEXT GENERATION 102M TRIMARAN

NEXT GENERATION 102 TRIMARAN INTERIOR

Austal can tailor high quality interior fitouts to suit any operational requirement and budget.



AUSTAL AUTO EXPRESS 80 CATAMARAN

AREMITI 2

French Polynesian operator SNC Aremiti Ferry selected Austal to design and construct this highly efficient medium speed ferry in 2012. The 80 metre vehicle-passenger catamaran was delivered by Austal in October 2013.

The Auto Express 80 was the fourth vessel Austal has sold to Aremiti and its associated companies. With a capacity for up to 967 passengers and up to 146 cars, or a mix of cars and trucks, the Auto Express 80 was designed to meet EU domestic voyage rule requirements.



▲ AREMITI 2



PRINCIPAL PARTICULARS

Length:	79.6 m
Beam:	17.0 m
Hull draft (max):	2.9 m
Speed (100% MCR):	20.0 knots
Passengers:	967
Crew:	20
Vehicles:	146 cars
Trucks:	228 lane metres
Maximum Deadweight:	480 tonnes



▲ AREMITI 2

AUSTAL AUTO EXPRESS 80 CATAMARAN INTERIOR

Austal sources the best quality materials to ensure passenger comfort and longevity of use.



AUTO EXPRESS 127 TRIMARAN

BENCHIJIGUA EXPRESS

In 2005, Benchijigua Express was quite simply the most significant vessel to arrive on the fast ferry stage. The trimaran vessel revolutionised fast sea transportation and opened new markets beyond the ability of existing fast ferry designs.

The 127m high speed vehicle-passenger trimaran ferry was delivered to client Fred Olsen S.A. in 2005 for operation in the Canary Islands.



▲ BENCHIJIGUA EXPRESS



▲ BENCHIJIGUA EXPRESS



PRINCIPAL PARTICULARS

Length:	126.7 m
Beam:	30.4 m
Hull draft (max):	4.2 m
Speed (100% MCR):	40.5 knots
Passengers:	1291
Crew:	35
Vehicles:	341 cars
Heavy Vehicles:	450 lane metres and 123 cars
Maximum Deadweight:	1100 tonnes

AUTO EXPRESS 127 TRIMARAN INTERIOR

Austal can develop on board facilities and amenities to suit any class of transportation, including shops, lounges, and accommodation.



PASSENGER FERRIES

AUSTAL CAN DESIGN AND CONSTRUCT A WIDE RANGE OF PASSENGER FERRY



 MARY D ENTERPRISES, NEW CALEDONIA



 TRANSTEJO, PORTUGAL



 NAN HAI PING GANG PASSENGER TRANSPORT CO, HONG KONG



 NIDCO, TRINIDAD AND TOBAGO



AUSTAL 35

Length overall 35.2 m
 Beam (moulded)..... 7.0 m
 Hull draft (maximum) 1.2 m
 Depth (moulded) 2.7 m
 Speed (100% MCR) 36 knots
 Passengers 138
 Crew..... 12
 Full Load Deadweight..... 26 tonnes

AUSTAL 37

Length overall 37.2 m
 Beam (moulded)..... 10.7 m
 Hull draft (approximate) 1.3 m
 Depth (moulded) 2.6 m
 Speed (90% MCR, 26.6 DWT) 29.3 knots
 Passengers 292
 Crew..... 3
 Maximum Deadweight 33 tonnes

AUSTAL 40

Length overall 40.1 m
 Beam (moulded)..... 10.0 m
 Hull draft (approximate) 1.4 m
 Depth (moulded) 2.8 m
 Speed (100% MCR, 40 DWT) 34 knots
 Passengers Tai Jian: 318
 Passengers Nan Hua: 338
 Crew..... 12

AUSTAL 41

Length overall 41.2 m
 Beam (moulded)..... 10.9 m
 Hull draft (approximate) 2.0 m
 Depth (moulded) 4.3 m
 Speed (90% MCR) 37.5 knots
 Passengers 405
 Crew..... 8
 Maximum Deadweight 40 tonnes

SOLUTIONS TO SUIT A DIVERSE RANGE OF BUDGETS AND REQUIREMENTS.



 L'EXPRESS DES ILES, SA, GUADELOUPE



 SAS JEANS, GUADELOUPE



 COTAIJET LIMITED, HONG KONG



 A.G. REEDEREI NORDEN-FRISIA, GERMANY



AUSTAL 45

Length overall	45.2 m
Beam (moulded).....	12.3 m
Hull draft (approximate)	1.8 m
Depth (moulded)	4.0 m
Speed (90% MCR)	38 knots
Passengers	360
Crew.....	6
Maximum Deadweight	67 tonnes



AUSTAL 47

Length overall	47.0 m
Beam (moulded).....	11.1 m
Hull draft (approximate)	1.4 m
Depth (moulded)	4.0 m
Speed (100% MCR)	34 knots
Passengers	437
Crew.....	7
Maximum Deadweight	60 tonnes



AUSTAL 48

Length overall	47.5 m
Beam (moulded).....	11.8 m
Hull draft (approximate)	1.6 m
Depth (moulded)	3.8 m
Speed (90% MCR)	42 knots
Passengers	413
Crew.....	16
Maximum Deadweight	70 tonnes



AUSTAL 52

Length overall	52.4 m
Beam (moulded).....	13.0 m
Hull draft (approximate)	1.5 m
Depth (moulded)	4.5 m
Speed (100% MCR, 50 DWT)	40 knots
Passengers	432
Crew.....	12
Maximum Deadweight	58 tonnes

POWERFUL PRODUCTION CAPACITY

Multi-vessel orders delivered on time and on budget.

With a dedicated commercial vessel shipyard in the Philippines, operated by a highly skilled local workforce and supported by Austal Australia's design and construction resources, Austal has the global production capacity to offer fast, on-time delivery - even on multiple vessel orders. Austal's advanced, modular shipbuilding techniques provide unequalled levels of efficiency and productivity within its shipyards, which translates to reduced costs and faster construction times. Applying ISO9000 and ISO14000 quality assured and certified design and production standards, Austal produces vessels that consistently meet and exceed the highest international quality requirements.



CONSTRUCTION OF A HIGH SPEED CREW TRANSFER VESSEL AT THE AUSTAL PHILIPPINES SHIPBUILDING FACILITY

CUSTOMISED INTERIOR DESIGN AND FITOUT

Tailor made for any commercial application.

Whether you're after a practical, utilitarian fitout - suited to the demands of short commuter journeys - or a sophisticated and comprehensive fitout required for more luxurious operations - Austal's interior design team and fitout department can design and produce a wide range of fully customised vessel outfits to meet any operational requirement and budget. Austal's interior design team liaise closely with you, or your preferred interior designers to create the desired atmosphere on-board the vessel to achieve the ideal passenger experience. From the design stage to installation, consideration is always given to the dynamics of space and weight - to ensure the vessel always achieves performance specifications.



LEONORA CHRISTINA INTERIOR LAYOUT

THROUGH LIFE CAPABILITY MANAGEMENT

Delivering Global Service and Support.

Austal recognises the need to maximise the operational availability and capability of every vessel we deliver. Our global support teams work closely with every customer to understand their individual ship and fleet operations so that effective, through-life product and service support can be provided to them.

Austal offers an extensive portfolio of 'through-life capability management' (TLCM) services that ensure customer's vessels are available for operation in accordance with their planned operational profile.

Austal's 'through-life capability management' services take into account vessel usage requirements and can include guarantees to ensure operational targets are met.

Austal support services include:

- Integrated Logistics Support (ILS)
- Contract Maintenance
- Technical Management and Systems Support
- Through Life Capability Management (TLCM):
 - Maintenance Management & Scheduling
 - Preventative & Corrective Maintenance
 - Dockings, Refits & Refurbishment
 - Ship Management Support Services
 - Training Services
 - Spare Parts Management and Supply
 - Consultancy Services



▲ NEXT GENERATION 102 TRIMARAN IN DRY DOCK



MOBILE, ALABAMA, USA

HENDERSON, WESTERN AUSTRALIA



BALAMBAN, CEBU, PHILIPPINES



SHIPS • SYSTEMS • SUPPORT

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