



CAPABILITY BROCHURE







Contents	03
Mission Statement	04
Shipbuilding, maintenance, refit & repair	07
Facilities	09
Design	12
Material Capability	13
Mechanical Installation and Equipment	14
Exterior & Interior Fitout	16



# MISSION STATEMENT

Echo Yachts is committed to becoming a market leader in the international marine industry.

Our pledge is to provide value-added services to our customers by creating a successful partnership with them throughout the entire product realisation process.

We furthermore pledge to establish lasting relationships with our customers by exceeding their expectations through exceptional performance by every member of our team.



Echo Yachts Director  
Mark Stothard





CB154B1 NIL-NIL  
KLERPLATE ACRS 120802

KLERPLATE ACRS 120802

120802

2400X 20 DUY 9.100 3.701 L0301/1 AC 120802  
BLUESCOPE STEEL AUSTRALIA T699 76140 CB154B1

 **MAMMOET**

 **MAMMOET**





## SHIPBUILDING, MAINTENANCE & REPAIR

Operating from modern, purpose-built waterfront facilities within the Australian Marine Complex in Henderson, Echo Yachts provides a full suite of shipbuilding, maintenance and repair services.

## REFIT & REPAIR

Echo Yachts supports development in Australia's Superyacht new build and maintenance industry by providing world class services, either from its waterfront facility in Henderson, or third party facilities in any location.

We have demonstrated the ability to meet strict quarantine and compliance inspection requirements, on time, on budget and with nominal difficulty.

Our shipyard services includes:

- Naval Architecture
- Engineering
- Design
- New construction
- Refit & Repair
- Conversion & Modification
- Docking







## FACILITIES

Echo Yachts is comprised of multiple facilities that makes up the Henderson Facility.

Our design and operations office is located adjacent to our two large shipbuilding halls.

Hall Dimensions:  
80 x 23 m  
103 x 23 m

The construction halls open onto a large forecourt hardstand area complete with an 800t slipway and multiple wet berths alongside a large jetty. Adjoining this facility is a 12,000t floating dock in the AMC common user facility that Echo Yachts use for the haul out of larger Superyachts. Large hardstand spaces and Echo Yachts sheds are accessed with the use of state-of-the-art 5SPMT vessel transfers

Furthermore we offer multiple wharf options with shore power and sullage capabilities.



Henderson,  
Western Australia



SUPERYACHTS DOCKED AT ECHO YACHTS  
FACILITY IN HENDERSON







## PROJECT MANAGEMENT & DESIGN

Echo Yachts boasts a comprehensive in-house team comprised of project managers, naval architects, engineers and industrial designers. Our design repertoire includes:

Naval Architecture

Structural Design

Mechanical, Engineering, HVAC and Systems Design

Electrical Design

Interior Fitout Design

Exterior Fitout Design

Drafting





## MATERIAL CAPABILITY

### Aluminium

Echo Yachts has a full range of Aluminium Fabrication skill sets to meet the most discerning of demands. Complex shape fabrication is easily achieved with our CNC Router and our skilled in-house workforce who are experienced in intricate hull forming and components creating. All welding complies with IACS Certification, with our welders achieving high quality welds in all positions quickly and efficiently.

### Steel

Proficient in Steel Fabrication Echo Yachts are qualified welders with IACS Certification. Our welders are able to meet all tasks achieving high quality and efficiency in all aspects.

Additionally our IACS Certification approves weld procedures and certification for manufacture and repair of Stainless Steel and Copper Nickel (CuNi), these are used for manufacturing some of the critical systems throughout the vessels.

### Fibreglass and Composites

Echo Yachts is an industry leader in large scale Composite Manufacture. With our specialised low-vapor Vacuum Infusion Process, single moulds in excess of 500m2 are infused efficiently. Echo Yachts has the ability to manufacture Glass and Carbon Fibre sections to any desired shape and size, through the use of our 5-axis milling machine, manufacturing moulds to within 1mm tolerance.

Echo Yachts has an ISO 9001 quality accreditation and an IACS workshop approval, that contribute to our quality assurance and ability to produce world class vessels.



## MECHANICAL INSTALLATION

Echo Yachts provides comprehensive services for your vessel engineering requirements. From overhauling your existing plant all the way through to re-powering and upgrade.

Mechanical, Hydraulic and Pneumatic systems, HVAC, hotel services and Fuel Oil systems can be produced and installed by our specialised team of mechanical installers allowing improvements whilst reducing costs.

## ELECTRICAL

Echo Yachts provides comprehensive services for all of your vessels electrical requirements. With our specialised in-house team of electrical experts we are able to provide full electrical design and installation to all our custom yachts.

## EQUIPMENT

Using new technology and equipment Echo Yachts are able to provide a limitless ability to realise our clients exacting requirements. From the latest computer software to programmed routers and 3d scanning technology, we have the ability to fabricate complex shapes with ease.

### CNC Machining

Echo Yachts can machine a range of products into complex, contoured surfaces with great precision using advanced CAM software.

1 x Thermowood 5-Axis Router with a machining size up to 3.6m x 3m x 1m

1 x Art Heavy Duty Profile Router with machining size up to 9m x 2.2m x 50mm

### 3D Scanning

Echo Yachts are equipped with the Leica Scanstation P30. This allows us to scan and create a highly accurate 3d Model of anything, which proves as an invaluable tool for the design and construction phase of each project. It delivers time and cost saving benefits and allows Echo Yachts to seamlessly and accurately work with international specialty contractors.







## EXTERIOR FITOUT

Echo Yachts pride themselves on designing, manufacturing and applying exterior superstructure finishes, decking, cabinetry, linings, lighting and deck equipment items to very high standards of finish and seaworthiness. Every aspect of Echo Yachts' exteriors are considered with particular emphasis on longevity through carefully considered material and equipment selection, construction durability, reduced maintenance requirements and ease of crew maintenance.

## INTERIOR FITOUT

Our fitout designers and team work collaboratively in parallel at our Henderson facility whilst the vessel is being built to create and execute the highest quality interiors. This connectivity creates a better work flow and increases efficiency in projects. Echo Yachts also partners with leading international fitout specialists to provide our clients with the finest bespoke interior fitouts.

## PAINTING & FAIRING

We work with local specialist contractors that have world class experience and skills in superyacht painting and fairing, they have been involved with dozens of award winning superyachts.







@ECHOYACHTS



ECHO YACHTS



/COMPANY/ECHO-YACHTS



/ECHOYACHTSAUSTRALIA





49 CLARENCE BEACH ROAD  
HENDERSON, WESTERN AUSTRALIA

TEL: +61 8 6555 4980

[sales@echoyachts.com.au](mailto:sales@echoyachts.com.au)

[WWW.ECHOMARINEGROUP.COM](http://WWW.ECHOMARINEGROUP.COM)