



DESIGN & MANUFACTURE

CAPABILITY STATEMENT

Driven by growth, innovation and technical excellence, AUSINO Projects offers full turnkey projects including design, manufacture, management and install.

Quality
ISO 9001:2015

Safety
AS/NZS 4801:2001

Environment
ISO 14001:2015



www.ausinoprojects.com

ABOUT THE COMPANY

AUSINO Projects is an Australian, family owned company, operating from 22 Chapple Street, Gladstone, in Central Queensland, offering a suite of engineering services.

We take pride in a forward thinking, client focused approach to business and offer engineering, design, manufacture, refurbishment and on site services that are second to none.

As a multi disciplined company, we provide quality products and services to the mining, resource, power generation, mineral processing and gas industries.

Ausino Projects' in house design team offers over 100 years of combined experience in mechanical and structure design, delivering solutions that are cost effective, fit for purpose, compliance to the Australian Standards and extending clients expectations.

Ausino Projects hold third party accreditation with SGS for Quality ISO 9001:2015, Health and Safety AS/NZS 4801:2001 and Environment ISO14001:2015.



OUR SERVICES

Offering full, turnkey projects from design, engineering analysis, manufacture, protective coating, install, commissioning and management, AUSINO Projects ensures reliable and flexible project solutions.

DESIGN & DETAIL MODELLING

Our in-house design team offers over 100 years of combined experience, using the latest inventor modelling software and providing prototype designs using 3D printing hardware. We undertake FEA/ FMEA & RPEQ Certification.

MINING MACHINERY & CRITICAL SPARE PARTS

Delivering economical and timely solutions of spare parts for critical mining equipment. This includes review of your failed OEM parts, in which we can provide full metallurgic inspections and offer upgraded designs to further improve your machines performance.

SANDBLASTING & PAINTING

We specialise in marine painting, heavy industrial and structural painting, offering abrasive blasting, conventional painting and airless options. Our protective coatings include atmosphere (wet/or bulb), WFT/ DFT, salt test, profile tests and holiday inspections.

CARBON FIBRE COMPOSITES

Our carbon fibre composite solutions are available for a widespread industry applications, offering extremely light weight, high strength, stable components which will improve the performance of the component and plant.

FABRICATION & WELD REPAIR

We provide accurate and complex fabrications from Pressure Piping (AS4041), Vessels (AS1210/ ASMEg) Tanks (AS1692), Platforms, Walkways (AS1657), Chutes, Hoppers, Waste Containers (AS4123) and Structural Steel, welded to our in-house Weld Procedures. We can also provide hard facing Tungsten Carbide Overlay to significantly improve your wearing products. We specialise in mild steel, Quench Tempered Plate, Boiler Plate, Stainless steel (316/ 304/ 3CR12/ 310/ 253), Aluminium and other similar metals.

MECHANICAL REFURBISHMENT & REPAIR

Our state-of-the-art fabrication facilities and mechanical workshop includes its own dust-free clean fitting room, along with an oil/ water collection separation system for high pressure wash down of mechanical components. We provide timely refurbishment to all your mechanical assemblies, including gearboxes, pumps, valves, rotating equipment, sheaves, pulleys and mining equipment.

We have a clear market strategy: to design and manufacture quality equipment and plant that ensure clients receive sustainable solutions and are equipped for the future.

OPERATIONAL CAPACITIES

Our comprehensive manufacturing facility offers clients a *one-stop-shop* for all design and manufacturing requirements.

- Property/ Land developed 3400m²
- Uncovered concrete floor slab (hardstand) 2310m²
- Covered workshop concrete floor slab 910m² and mezzanine 75m²
- Administration and Engineering Offices (180m²)
- Additional 2500m² of hard standing across from main facility
- AutoCAD Design & Drafting using the latest INVENTOR software (2D & 3D modelling)
- 3D Scan and 3D Printing/ Prototyping
- RPEQ Certifications, FEA, FMEA, Risk Mitigated Designs
- Fabrication Bay OHT Crane-8m height under hook
- In-house Cranage and Forklifts
- Pressurised Clean Fitting Room with constant temperature for final Mechanical Assemblies
- Fully reticulated compressed air
- Equipment Wash/Clean-Down Bay with oil collection/ separation system
- Induction Heating for Stress-Relieving/ Normalising
- Specialised Welding Equipment such as STT/ MIG Welders, Pulse Migs, Submerged Arc and TIG & Stick Welding
- Rotators and Positions, suitable for buildups of Alloy Steel and Nickel
- N.D.T & Gearbox Shop-Test Facilities with Thermography, Vibration and Oil Analysis
- Heavy Hydraulic Pressing capability up to 400T with 'outsourced capacity' to 1000T
- Abrasive Blast & Industrial Painting facilities (Air/ Manual/ Airless)
- Site Equipment, Cranes, Forklifts, Trucks, Vehicles, Mobile Welders & Site Crib/Store
- Bearing Induction Heaters/ Liquid Nitrogen facilities for Mechanical Assemblies
- Turning (up to 1.5mtr Dia x 6mtr) Milling (up to 2m long)
- Flat bed CNC Turning (up to ø 600 x 2m)
- CNC Machine Centre & 4 Axis - Vertical Borer up to 30T
- Forgings up to 10T
- Investment Casting (Lost Wax)
- Pressing/ Rolling up to 6m wide
- Galvanising to AS4680
- Tungsten Carbide Overlay and other hardfacing
- Carbon Fibre and Aramid (Kevlar) manufacture

We are committed to providing economical value, continuing to innovate, and executing projects to or above world best practices.

SPECIALITY AREAS

We provide reliable and flexible project solutions, driven by a workforce of local experience and powerful partnerships.

- Engineering/ Design/ Shop Detailing/ Modelling (Mechanical and Structural)
- FEA/ FMEA/ RPEQ Certification, Risk Assessments, Design Reviews
- Project Management/ Planning & Execution
- 3D Scanning, 3D Printing/ Prototyping
- Site Audits to Australian Standards and verification (AS4024 Safety of Machinery)
- Specialised Fabrication - Medium to Heavy (critical tolerances; complex designs; special materials)
- Mechanical Refurbishment/ Critical Plant Overhauls (fully supported by Quality MDR's)
- Premron EBS 'Closed Conveyor System' & Premron CHS 'Continuous Haulage System' www.premron.com.au
- Machining & Component Manufacture/ Rebuilds
- Alumina Ceramic Industrial Tiling - Chutes & Hoppers
- Industrial Grit Blasting & Painting - NACE level inspections
- Site Projects - Erection/ Installation / Maintenance



DESIGN

ENGINEER

FABRICATE

MACHINE

PAINT

INSTALL

MANAGE

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Servicing the mining, resource, power generation, mineral processing and gas industries, AUSINO Projects is locally owned, family owned and Australian.

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OUR RELATIONSHIPS

AUSINO Projects is supported by parent company Premron Pty Ltd, a unique conveyor solutions for the mining industry. Established in 1999, Premron has been firmly cementing its position in the Queensland and Australian mining industry, contributing revolutionary research and technology from its modern workshop facility in Gladstone, Queensland.

CONTACT US



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