



When excellence is everything

Refine Engineering

ISO 9001 : 2008 CERTIFIED



ENGINEERING

DESIGN

MACHINING

ASSEMBLY





PUTTING THE CLIENT FIRST

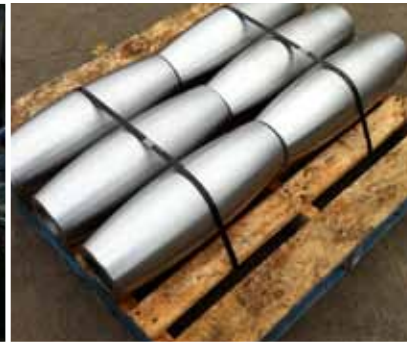
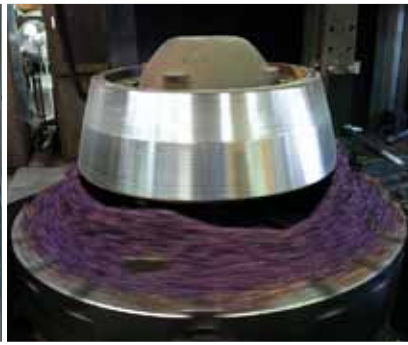
Our reputation is built over 30 years of exceptional service and first tier supplier accreditation, providing top quality general and precision engineering to a diverse range of clients including: Construction, Environmental, FMCG, Petro Chemical, Printing, Rail, Mining and Steel.

We are dedicated to excellence, overseeing every detail with keen and expert eyes. This ensures a reliable quality to our finished products. We value the importance of timely and efficient production and delivery of components to our clients. When production time is pressured by external factors, we possess the ability to provide a quick turnaround and work across multiple shifts to match possible variations in your schedule.

WHEN EXCELLENCE IS EVERYTHING

COMMITMENT, SERVICE, RELIABILITY

When you become a customer of Refine Engineering you are entitled to 24 hour service every day of the year except Christmas day. We also offer to produce components you regularly use and hold them in our store for your future purchase. This service allows our customers to reduce their inventory but still have immediate delivery for many items at agreed pricing.



ISO 9001 CERTIFIED
As part of our goal for excellence, Refine Engineering has fully implemented a Quality Management System that is ISO 9001:2008 certified.

CAPABILITIES

Our comprehensive workshop located in Altona is capable of performing most machining tasks in-house including turning, milling, vertical boring, horizontal boring, slotting, wash grinding, surface grinding, cylindrical grinding and light fabrication. Materials of manufacture include austenitic and martensitic stainless steels, precipitation hardening steels, high tensile steel, aluminium, chrome molly steels, nickel alloys, nickel irons, non ferrous alloys and polymers. With our trusted network of engineering service providers, Refine Engineering can ensure a complete project solution.

Components manufactured include most parts for pumps, compressors, turbines and gear boxes as well as sundry items for manufacturing plant. We perform repair and reassembly of most rotating and non rotating equipment. We are often called upon to bring together diverse disciplines of engineering such as the total remanufacture of discontinued equipment.

KEY CAPACITIES

Turning:

Centre lathes up to 600mm swing x 3m between centres,
CNC lathes up to 500mm swing x 2m between centres

Cylindrical Grinding:

Grinders up to 500mm swing x 3m between centres,
Surface Grinding to 300 x 600mm, Wash Grinding to 1m diameter

Horizontal Boring:

Machines have 110mm diameter spindles with 3t capacity

Vertical Boring:

Machining up to 1.2m diameter

Tig, Mig, Oxy and Arc Welding

Radial Drill, Slotter, 100 Tonne Press, ancillary equipment

These are our in-house capacities. However, with our outsourcing partners our project solution capability is larger and broader.

SKILLED WORKERS

CERTIFIED QUALITY

PRECISION MACHINISTS

CUSTOMER SERVICE

PROJECT EXAMPLES

Shutdown Partner in periodic plant maintenance programmes for Petro-Chem clients. Provision of 24/7 support

Concept, design and manufacture of motorised multi-spindle Rewind Machine used for tensioning large heavy rolls of material – plastics and foils, in preparation for cutting

Cut off saw Stopper Conveyor that was designed and manufactured by Refine Engineering to the customer's specific requirements

Rapid response CNC machining of tapered plugs for pressure vessels

Machining of Blades and Labyrinth Seals for application in Power Stations

Manufacture of insulated Rail Wheels and Split Spacers for heavy excavation equipment

Pattern making, casting, machining and balancing of Inlet Impellers for Sydney Refinery

Manufacture of counter-weight adjustment wheels for Queensland based client

Manufacture Spur Gears, Luff Gears, Pinions, Sheaves and Crane Weights for the construction industry

Manufacture to specification of Stainless Steel High Pressure fittings for heavy duty mining and industrial applications

In-house manufacture, transportation and on site installation of heavy duty stainless steel pipeline for water treatment plant

Orifice Plates

Paddle/Spade Blinds

Spectacle Blinds



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