

MARYBOROUGH FOUNDRY

Servicing domestic and international markets
with quality casting solutions

Delivering over 130 years of casting excellence

- Trusted casting partner, producing castings up to 20t
- Australian manufacturer, specialising in creating bespoke products
- Onsite engineers and metallurgists for immediate consultation

Quality Casting Solutions

CR's Maryborough foundry offers a large range of ferrous casting solutions, servicing both domestic and international markets to our delighted customers.

The foundry has a long history, being in continuous operation for over 130 years. Today it draws on this experience and expertise to deliver globally recognised and leading-edge products.

We specialise in high integrity, structural cast steel products for demanding mining applications. These include bucket lips for excavators, rope shovels and wheel loaders, along with dragline, GET & rigging components. We also offer casting solutions across a broad range of industries including Power Generation, Oil & Gas, Recycling, Sugar, Heavy Transport, and Cement.

Our capabilities include large Electric Arc Furnaces (EAF) for superior steel melting, chemically bonded sand moulding techniques, and proprietary heat treatment processing, allowing the production of superior quality castings from 100 – 20,000 kg.

CR Maryborough is an industry leading foundry, with the business investing heavily in state-of-the-art equipment. This focus on continuous improvement ensures Australian manufacturing is here to stay.

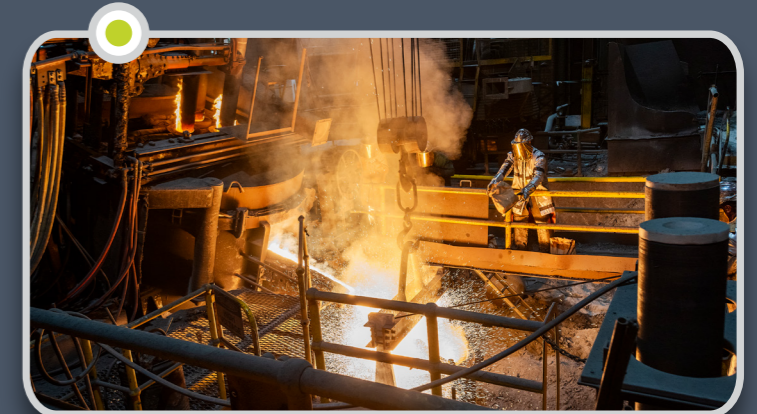
Engineering & casting design

Our onsite engineers are available to model products, develop simulations, convert complex fabrications, and assist in material selection to create bespoke, quality products.



Melting facilities & processes

With two Electric Arc Furnaces, state-of-the-art Optical Emission Spectrometers and Hydrys for chemical analysis, and a proprietary melting process, our Maryborough foundry produces high quality products across a range of ferrous alloys.



Moulding capability

With both heavy jobbing and an automated moulding loop, the foundry is well suited to produce smaller, high volume and larger, low volume parts. The foundry employs a hard sand moulding method, with an industry leading sand reclamation system.



Accreditations & Affiliations:

- CR AS/NZS ISO 45001: 2018 - Occupational Health and Safety Management
- AS/NZS ISO14001:2015 - Environmental
- AS/NZS ISO 9001:2015 - (Quality) International Standards
- AFI - Australian Foundry Institute
- AFS - American Foundry Society
- CTI - Casting Technology International

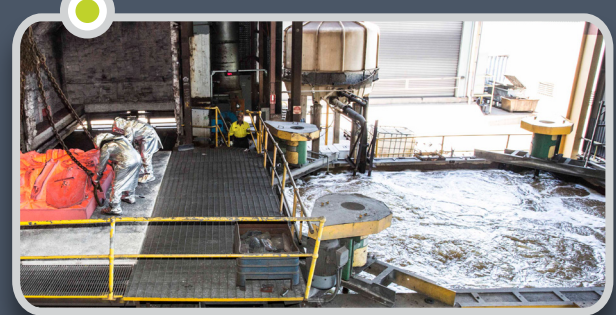
Over 130 years of experience



Heat Treatment Facilities

Maryborough's heat treatment and quench facilities ensure large and heavy section projects can be processed to ensure optimal mechanical properties.

- Five heat treatment ovens (6.3m x 5.4m)
- Water quench facilities (6.3m x 5.4m)



Fabrication & Welding

Our onsite welding engineer ensures procedures are controlled to both Australian and International standards, with robotic welders utilised for high quality fabrications and welding applications.

Machining Facilities

Our Maryborough foundry employs machining best practice across a vast sized range of products, utilising our extensive skills and experience. Equipment used to provide these world-class results include:

- CNC machining centres
- Elgamill milling machine
- Horizontal borer



Products are stringently tested to ensure the highest quality and performance in the field. Testing capabilities include:

- Hardness Testing (Brinell, Rockwell and Leeb)
- Magnetic Particle Inspection
- Liquid Penetration Testing
- Ultrasonic Testing
- Mechanical Testing (Tensile and Impact Testing)
- Microstructure Assessment
- Dimensional Testing
- 3D Laser Scanning & CMM (Faro Arm)
- Gauging
- Gauge Design & Calibration Ensuring Repeatability

CR Powered by Epiroc is on a mission to revolutionize mining productivity.

We engineer the most advanced surface and underground mining solutions for the world's best miners to unlock productivity, enhance safety, and reduce emissions.

Start the conversation



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