# MININ DUAR G







## **ENGINEERS OF EXCELLENCE**



### Adding Bite to Mining and Quarrying

Thames-based heavy engineering company A&G Price knows a thing or two about mining. Located in the heart of one of New Zealand's richest gold mining regions. A&G Price made a name for itself supplying stamper batteries to miners working goldfields throughout the country. For a time, the company even owned and operated its own mine, the Prince Imperial, in its day one of the most successful on the Coromandel Peninsula.

engineering expertise has supported the mining industry for well over a century

Right: The company's

#### Below:

Customised liners and lifters developed by A&G Price enhance the efficiency of Waihi Gold's ball mill Today A&G Price continues this long tradition of industry support, both as a manufacturer of premium wear parts and as a trusted refurbisher of heavy equipment for gold and coal mines as well as gravel and limestone quarries of all sizes.





For Waihi Gold, which operates the Favona underground gold mine and the long-lived Martha pit mine near the east coast town of Waihi, A&G Price rebuilt crushers on site. In addition, the company developed a new highstrength wear-resistant alloy for the picks of the mining company's Stamler mill. The material, 'Crushalloy', offers better wear characteristics than the metal it replaces.

A&G Price also turned its in-house metallurgical laboratory expertise to oversee the casting of a high-nickel heat- resistant stainless steel for another client, PT International Nickel Indonesia(PT Inco), the world's secondlargest nickel producer. A&G Price supplied kiln liners and butterfly valves for PT Inco's integrated nickel laterite mine at Lake Matano on the island of Sulawesi. Other customers in the region include Nickel mines in New Caledonia. A&G Price supplied screen bars, composite castings and fabricated components for mines & processing plants.

A&G Price also supplies components to equipment manufacturers such as global crusher maker Metso Minerals and Rocklabs, a specialist manufacturer of crushers for analytical laboratories.

Whether supplying off-the-shelf wear parts for a small family-run quarry or prototyping new components and materials for some of the world's largest mining equipment manufacturers, A&G Price applies unrivalled industry knowledge to every job.

Drawing on technical experience built up over generations, the company's team of designers, engineers, metallurgists, foundry and machining staff brings invaluable skills to working with acidresistant iron, corrosion-resistant stainless steel and other exotic metals.

The fully-integrated engineering works has a proven track record of minimising expensive down-time for clients by completing complex refurbishments costeffectively and tight time frames. In an industry where component failure could result in injury or environmental hazard, A&G Price's emphasis on quality control results in a build quality that can be relied on.



Specialised wear parts made by A&G Price are used in Rocklab's advanced laboratory crushers



Wear-resistant chute liners being manufactured to withstand the highly abrasive conditions at Oceania Gold's McRae mine in Reefton

#### **Capabilities Offered**

- Project Management
- Engineering Design

3D Models and manufacturing drawings

- Highly skilled workforce
- Flexible hours and shift work
- Telarc ISO 9001
- SM2 qualified NDT Technicians

#### Foundry and metallurgical facility

- Cast iron to
- Spheroidal Graphite (SG) iron
- Steel
- Stainless Steel
- Nonferrous
- Heat Treatment Facility

#### **Fabrication shop**

- Plate rolling 25mm x 3000 wide
- Pressing
- Guillotine 25mm x 3000 wide
- CNC Plasma Oxy acetylene plate cutting
- Sub Arc, MMA, MIG, Flux cored and TIG welding

#### **Machine Shop**

- Turing capacity to Ø6.3 meters x 40 tonne
- Milling capacity to 8 meters single set
- Multi pallet work centres
- Surface grinding
- Gear cutting
- Line boring

Fitting shop for machinery overhaul and assembly Sandblasting and paint shop

#### Industries where we have expertise include

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- Forestry
- Defence
- Steel smelters
- Aquaculture
- Keels
- Sculptures
- Recycling

- Pulp & paper
- Rail
- Cement
  - Agriculture
- Manufacturing
- Sugar
- Rendering

Marine

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- Fertiliser & Lime
- Mining & Quarrying
- Aluminium Smelters
- Wind electrical generation
- Hydro electrical generation
- Historic replication



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