

MINING & QUARRYING





## 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, it has been making and installing mining machinery for more than 130 years. 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.

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.

The company's New Zealand customers

Right: The company's engineering expertise has supported the mining industry for well over a century

Below: Customised liners and lifters developed by A&G Price enhance the efficiency of Waihi Gold's ball mill



include state-owned coal miner Solid Energy, and Newmont Waihi Gold, one of the country's major gold producers. A&G Price is a principal supplier of wear components to Solid Energy, which extracts 3 million tonnes of coal a year from opencast and underground mines in the North and South Island of New Zealand.

For Newmont 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, it developed a new high-strength wear-resistant alloy for the picks of the mining company's Stamler mill. The material, 'Crushalloy', offers 400 per cent better wear characteristics than the metal it replaces.

A&G Price also turned to the expertise of its in-house metallurgical laboratory to oversee the casting of a high-nickel heat-

resistant stainless steel for another client, PT International Nickel Indonesia (PT Inco), the world's second-largest 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 Société le Nickel (SLN), a miner of nickeliferous ores in New Caledonia. A&G Price supplied SLN with screen bars for a new trommel, making composite castings and fabricating components from medium tensile steel.

A&G Price also supplies components to equipment manufacturers such as global crusher maker Metso Minerals and to 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 manufacturers of mining equipment, A&G Price applies unrivalled

industry knowledge to every job.

Drawing on technical experience built up over generations, the company's 140-strong team of designers, engineers, metallurgists, foundry and machining staff brings invaluable skills to working with acid-resistant 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 cost-effectively and to tight timeframes. 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.

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

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



**Capabilities Offered:**

Turning capacity 6.3m

Milling capacity 40 tonne,  
single set to 10m long

Highly-skilled workforce

Flexible hours and shift work

Wet spec paint systems and  
belzona application

3D machining

Heat treatment facility

Engineering design

Telarc ISO 9001: 2000 registered

Project management

SM2-qualified NDT personnel

Foundry and metallurgical facility

Stainless and bronze

White metal bearings

**Other specialised industries**

- Forestry/Pulp and Paper
- Marine • Rail • Defence • Energy
- Fertiliser and Lime • Steel
- Keels • Cement



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