

# Apron Feeders

Rocktec has recently entered into a new partnership agreement with Crushing and Mining Equipment of Perth to supply four Apron Feeders to a large BHP site in Western Australia.

Continental Conveyors has the contract to supply a large amount of materials handling equipment and have sourced the Apron Feeders from Rocktec and CME. The Apron Feeders currently under construction are 2,500 TPH Feeders, 17m long and 1200mm wide which are designed for loading Iron Ore material at -150mm.

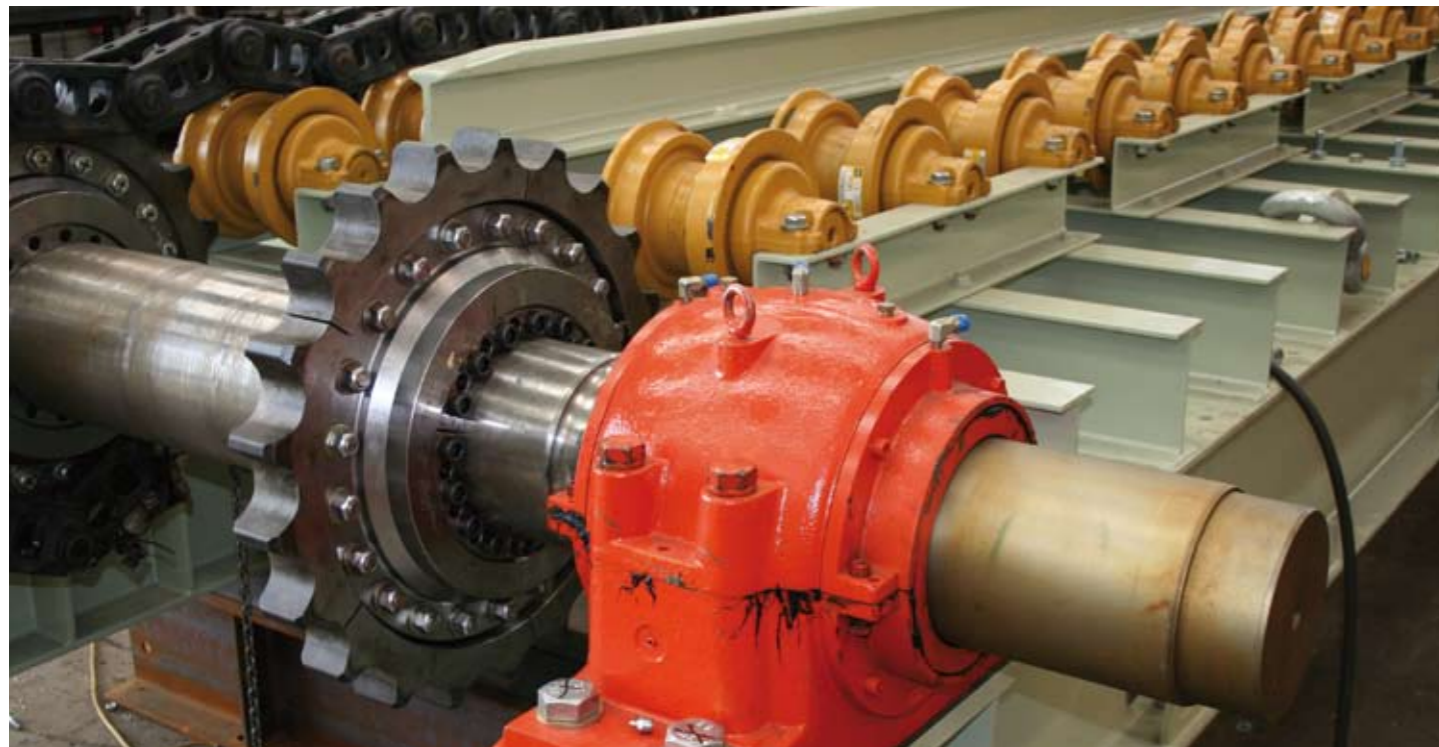
Rocktec is forging a good reputation as the supplier of Apron Feeders into the Australian mining market and a recent visit to Rocktec from representatives of Continental Conveyors and CME has confirmed that the relationship is likely to extend to more projects in the future.

Rocktec design and build apron feeders to suit all client requirements. Our feeders are of the highest standard of quality and use either electric or hydraulic motors to run. Rocktec's range of Apron Feeders are also available with or without dribble conveyors.

For more information on Rocktec Feeders visit our website.



Manufacture of Apron Feeders for BHP mine site, Western Australia



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# Warrior Wheel and Underbody Truck Wash

Local councils around the country are putting pressure on work site's to clean up their act as waste deposits from out going trucks are jeopardising the safety of New Zealand roads and the surrounding residential areas effected by aggregate operations.

Pollution control equipment can often bear a heavy cost on a work site so the need for simple, straightforward solutions to these problems is vital if these operations are to continue operating efficiently.

The Rocktec Warrior Wheel and Underbody Truck Wash is the perfect example of a simple, cost effective pollution control system that works with and for your site while having little effect on the environment. Designed to provide a convenient, efficient and fully automatic drive through wash for heavy vehicles The Rocktec Warrior is a fully automatic, ultra-efficient wheel and underbody wash.

The Rocktec Warrior Wheel and Underbody Truck Wash consists of 84 high-pressure jets providing an intensive spray pattern to wash all tyre and underbody surfaces. The automated drive-through system is triggered by an electronic sensor while side screens contain the overspray. The Wheel Wash's hot dipped galvanised base, adjustable side spray bars and 4-metre wash length caters for all types of road-going vehicles.

The Warrior can be easily adapted to suit particular site requirements, over-dimension and over-weight loads and comes with a number of optional extras. These include a complete water recycling and filtration systems, entry and exit ramps and optional pump configurations.

Rocktec also offer a unit for lease complete with containerised header tank, control system and pump, including a generator option (if required).

To find out how a Rocktec Warrior Wheel and Underbody Wash can help clean up your site, don't hesitate to contact one of our friendly Rocktec staff.



## Rock solid with news

Hello and welcome to the latest edition of Rock Solid. We have just completed another financial year with yet again record turnover reached. My congratulations and thanks to the ever-growing Rocktec staff who continue to put in the hard yards!

We have returned from another annual IOQ conference this time in Wellington and it was another very successful event. Well done to Brian Bouzaid and the organising team. It was great to catch up with all of our customers and friends over the course of the three days and in some cases, long nights!

Some of the conference presentations were certainly interesting and thought provoking and the parliamentary debate session was one of the best at a conference I have attended.

The Trio range of Crushing & Screening equipment sales has been good with a number of units sold into Australia and New Zealand. Recently Steve Mellor the Trio International representative visited New Zealand to promote

the product range with Rocktec personnel. Steve is well known internationally with many years previous experience selling equipment with Nordberg and operating quarry plant in the UK, Middle East and Southern Africa. Steve has been integral to the worldwide development of the Trio sales and is also well known for writing the Handbook for Crushing and Screening used by the Institute of Quarrying UK.

This month we feature our "Warrior" Wheel and Underbody Truck Wash Unit. We have been supplying these into New Zealand for some time but now have been sending a number of units into Australia after successfully attending the Melbourne ACE show in April 07. We can also provide a number of recycling and filtering options for recirculation of the wastewater if required. Give us a call to discuss this technology if you need to clean up your site exit and entrance.

Please feel free to come and visit us in Matamata if you are passing through or even would like to bring some of your staff through the factory at any time.



Steve Mellor, right, presenting Steve Ellis with a signed copy of his Crushing and Screening Handbook written for the Institute of Quarrying UK during his recent promotional tour to NZ. Rick Johnson looks on.

I hope you enjoy this issue of Rock Solid and the recent projects and equipment we have been supplying.

Rick Johnson  
 Managing Director, Rocktec

# Waihi Gold

In February this year Newmont Waihi Gold and Rocktec joined forces once again, the mission, to provide an auxiliary feed point to the existing Newmont Waihi Gold plant while separating oversize material from the main feed.

Completed over a period of 12 weeks the main goal of the build was to remove ferrous and oversize product from the feed material. The plant features a 5m<sup>3</sup> feed hopper with integrated hydraulic tipping grizzly and a complete hydraulic power pack with remote operation from the wheel loader.

A 900mm wide product conveyor complete with "ESS" Primary & Return belt cleaners and Rocktec VIP750L vibrating feeder delivered over 80TPH

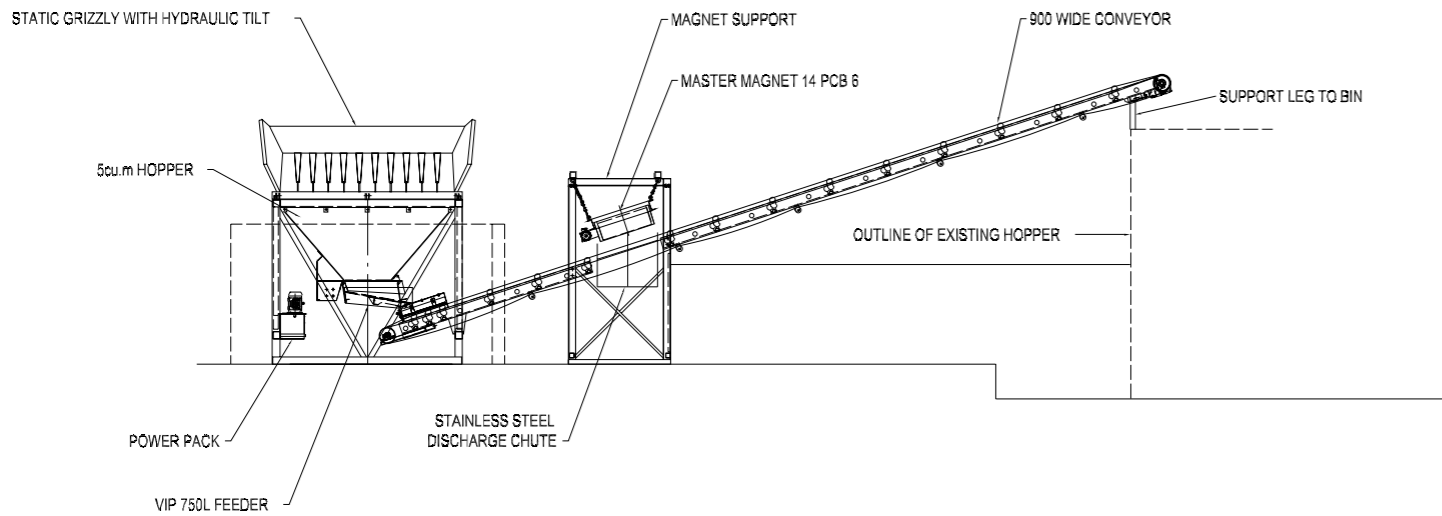
to the existing system. A MasterMAG cross belt permanent overband separator is used to remove ferrous objects and a wheel loader feeds the fully lined Hopper.

The contract also included the supply of a Rocktec TERMINATOR RX100 rock breaker, a gravity impact hammer designed and manufactured by Rocktec as an alternative to traditional breaking methods. This super tough unit is used to break the oversize material scalped from the feed hopper.

The project was another success for Rocktec and long time customer Newmont Waihi Gold and we hope to work with them again in the future.



Fabrication of 5m<sup>3</sup> hopper



# Staff profile - Les Ward



With over 30 years experience in the aggregate industry Les Ward knows just about everything there is to know about the technical side of mining.

The newest addition to Rocktec's sales team caught the aggregate bug at an early age from his father, who worked as a quarry manager in Tauranga. Born into the industry, Les says "once it's in your blood you can't get rid of it" and with a keen passion and knowledge, there is no denying how much he enjoys his job.

Les is a patient man with a good sense of humour, and lets face it, you'd have to be to work alongside his colleague Jason Tapper, he loves a challenge and enjoys problem solving, meeting new people and interacting with clients and work colleagues.

His new position also allows him to get involved with the design side of Rocktec, which is something he is interested in. Les hopes to add value to the team with his 30 years of experience in the industry. He wants to see the company grow and get bigger and better and is looking forward to the future with Rocktec.

Outside of the office Les is a keen fisherman with a passion for the outdoors and enjoys camping and spending quality time with his wife Louis and son Dylan. Although he spends every second week travelling the country, Les's home is and will always be Matamata.

# Winstone Aggregates Slag Processing Plant

In August of this year, Rocktec completed work on the Winstone Aggregates EAF Slag Processing Plant.

This project was commissioned on request from Winstone Aggregates as the current work debris and EAF Slag on site were not able to be handled. The concept was to process the EAF Slag from the mill that currently has either no value or is sent to another site for processing.

Positioning this plant on the site at Pacific Steel will allow Winstone's to be able to produce a useable product for new markets in the industry. The EAF Slag product will be screened to appropriate sizes using a series of Rocktec Heavy Duty Screens. This is for Transit NZ to use on surfaces at major intersections and high wear areas. This is due to the EAF Slag having very good wear properties compared with normal products, making it a very profitable and preferred product.

The contract contained a strict spillage clause to maintain a tidy site and work area. This called for Rocktec to install a complete belt cleaning system made up of ESS Primary, Secondary and Return Belt Cleaners.

The plant was designed to process 44 tonnes per hour continuously over an 8 hour period. The crushing plant consists of a Trio CT Series Granulator and a B9600 Barmac Crusher which process the EAF Slag and work debris from the Pacific Steel Mill into grade 2, 3, 4 and 5 chip to TNZ M6 standard and also PAP 5.

While some elements of the plant were new, the project included requirements for the complete refurbishment and modification of existing Winstone's plant, including a grizzly feeder and hopper, conveyor, screen and Barmac crusher. New equipment included two new Heavy Duty Screens, one new Conveyor, a Trio Granulator and Magnet to recover steel from EAF Slag and works debris which is then reprocessed in steel making.

The new supplied components included:

- Trio CT Series 10" x 40" Granulator
- Rocktec 12' x 5' Double Deck Heavy Duty Screen
- Rocktec 10' x 5' Triple Deck Heavy Duty Wash Screen
- MasterMag 14PCB K-Type Overband Magnetic Separator
- Rocktec Refurbished B9600 Barmac
- ESS Primary, Secondary and Return Belt Cleaners.

For further information on the Slag Processing Plant, please contact Project Manager Nigel Bluett.

