

MIGHTY RAMMER 5011 HAMMER GETS THE JOB DONE

A Western Australian-based contractor is successfully using a Rammer 5011 hammer fitted to an 80 tonne excavator in harsh outback conditions for a time-critical mining rail line construction in North Western Australia.

FinnMining's recently purchased Rammer 5011, fitted to a Komatsu PC800-8 excavator, is being used for breaking blue rock and

preparing the ground works for the new Roy Hill railway line.

Roy Hill is an iron ore mining project in the Chichester Range in WA's Pilbara region; the 344 km long, heavy haulage railway line will connect the mine site and Port Hedland, enabling the transportation of over 150,000 tonnes of iron ore a day once production starts late next year.

I can deliver what I promise to my customers.

Gavin Kelly

With a contract value estimated to exceed \$620 million, construction of the line requires moving approximately 10.5 million cubic metres of material between its commencement in September 2013 and scheduled completion in January 2015.

FinnMining was established by Gavin Kelly in 2011, and was named after his son Finn.

Specialising in plant hire, with options for wet or dry hire of over 50 excavators, along with a variety of attachments, it employs more than 50 staff.

To date, FinnMining has provided the Roy Hill railway contractors with over 15 items of earthmoving equipment, including two large Rammer hydraulic hammers for bulk excavation and ground works.

Gavin Kelly first came across with Rammer when he needed a heavy duty hammer on Barrow Island in September 2013. He talked with a colleague who recommended the brand.

"I searched online and as a result found Total Rockbreaking Solutions' website, which gave me valuable information on the size and style of a hammer that would be suitable for primary breaking on Barrow Island," he said.

Within three days of making contact, a Rammer 4099 hammer was delivered and commissioned at the site.

Encouraged by the product support and service delivery from Total Rockbreaking Solutions, shortly after that Kelly purchased two 3288 Rammer hammers for two of his 35 tonne excavators operating in the Pilbara.

Then in March this year, he needed a larger hammer for ground works on the Roy Hill railway, opting for a Rammer 4099.

"Having seen a Rammer 4099 operating in harsh conditions on Barrow Island without missing a beat, it was an easy decision to make," Kelly said.

The Rammer 4099 was delivered to Roy Hill, commissioned on a 45 tonne excavator, and was put to work breaking the region's tough blue rock.

However, it soon became apparent that an even larger hammer was required due to large scale of the operation at Roy Hill, so Kelly ordered Rammer's largest hammer model, the 5011. It was delivered to the site in early May.

"Attached to an 80 tonne Komatsu excavator, this hammer is operating in unforgiving

conditions, almost 24/7 in a very remote location in Roy Hill where reliability is fundamental.

"And Rammer features such as Ramlube auto greasing, lifetime warranty, Ramdata, idle blow protection, combined with the brand's reputation and local dealer support give me the peace of mind that I can deliver what I promise to my customers," he said.

In just a few years, FinnMining has developed a reputation of getting the work done reliably, on time – and the fact that its customers return to hire more services from the company speaks for itself.

As with other large hammers in the range, the 5011 has been designed using Rammer's well known operating principle, which combines stroke length, blow energy and a patented idle blow protection feature, allowing the hammers to be adjusted to match individual carriers and applications, giving improved hydraulic efficiency and safety.

Lifetime Warranty

David Scurr, Sandvik Construction's Sales Manager for Hammers, Boom systems and Demolition attachments, said the use of advanced hydraulics, materials technology, strength calculations, impact wave theory and production technology has made Rammer hammers the most powerful, durable, cost-effective on the market – and the undisputed leaders in their class.

"Rammer hammers and attachments have been associated with the Western Australian mining and construction industry for more than 20 years, earning a reputation for quality and value for money," he said.

"Rammer's sealed high-pressure membrane accumulator system ensures optimum performance at all times because our membrane accumulator is gas leakage proof and does not require any refill servicing or a special sealing system – unlike some competing hammers."

In addition, a pressure adjustment valve ensures full impact energy in heavy duty environments.

As with all Rammer hammers, the 5011 hammer also comes backed with Rammer's Lifetime Warranty, which for a professional user is a maximum of 10 years.

Its 1000 hour/one year service intervals have also been designed to meet the service demands of a product working under normal conditions.

Industry leading performance and reliability

In Australia and New Zealand, Rammer hammers and attachments are distributed through an independent network of qualified and experienced dealers.

Total Rockbreaking Solutions was appointed as the authorised Rammer dealer for Western Australia by Sandvik Construction in June 2013.

"Since our appointment as the WA Rammer dealer, we have ensured that existing and new customers receive the industry's highest-quality support, while enjoying the industry leading performance and reliability they have grown to expect from Rammer products," said Jeff Jackson, Sales Manager of Total Rockbreaking Solutions.

"Our company consists of a team of experienced professionals with a combined experience of more than 40 years in the sales and service of Rammer hammers and attachments.

"We offer solutions for a variety of applications, including optional systems such as Ramlube to minimise downtime and Ramdata to help operators and service staff obtain information on the accumulated working and service history of a Rammer hammer," said Jackson.

"And as the authorised dealer for Rammer in WA, we can ensure customers' current warranty and lifetime warranty programs remain valid, because Total Rockbreaking Solutions is the only Rammer-approved company in the state authorised to service these products."

Total Rockbreaking Solutions offers a full range of Rammer attachments and specialty products for demanding applications, including rock breaking, demolition, primary and boulder breaking, scaling, tunnelling, underwater demolition and boom systems.

"As WA's 'one-stop attachment shop', the guys at Total Rockbreaking Solutions are easy to deal with, and they get things done promptly and as promised," said FinnMining's Gavin Kelly.