



MTG

No limits innovation

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Teeth systems lengthen wear

In an effort to offer comprehensive ground engaging tools (GET) solutions for mining, Spanish company MTG will officially launch its new hammerless lip locking system for hydraulic excavators during 2016.

Before entering the mining market, the company operated in the construction industry, creating efficient bucket wear parts protection systems for earthmoving machinery.

"Our main motivation has been to supply the mines with a combination of teeth and adapter systems plus a comprehensive range of lip and shrouds wear parts to guarantee maximum productivity," MTG Trade Marketing Manager José Luis García Avilés said.

It was from this philosophy that MTG launched its StarMet and ProMet product ranges to provide safe and innovative full bucket protection systems.

The product range comprises a large number of teeth-tooth adaptor systems and shrouds and provides increased safety, productivity and extended wear life.

"The innovation behind these two systems is the MTGtwist hammerless locking system, providing safety in the fitting and an excellent retention, preventing breakages and minimising the risk of accidents," Mr García Avilés said.

The MTG StarMet system offers the optimum tooth design for excavators and loaders based on the type of application.

All products include the MTGtwist locking solution, which allows for a quicker and safer assembling and disassembling of parts, resulting in less machine downtime.

Mr García Avilés said the MTG ProMet wing and blade shrouds included up to 30 per cent more wear material than other similar products, making them ideal for heavy-duty mining applications.

Like the StarMet teeth and tooth-adapters, the shrouds also include the hammerless MTGtwist locking system, which prevents loss of the pins.

"In the US we have worked with Best Coal Company and MS&R Mining in Alabama, as well as White Wine Mining in West Virginia in machines such as Komatsu PC 2000, Hitachi EX 1900 and John Deere 850 and have found operators have recorded no pin loss and no teeth breaking, as well as a very good penetration," Mr García Avilés said.

He added in one of the most abrasive coal mines in Chile the products recorded up to 13 per cent longer wear life than their competitors.

In Australia MTG carried out a trial at Barrick Gold's Lake Cowal mine with a Hitachi EX 3600 and found the product lasted 65 per cent longer in hard applications than other similar products.

"Operators have highlighted the reliability and the safe and easy tooth changing as great advantages of these systems," Mr García Avilés said.



"No injuries and no teeth loss have been registered in the application, which obviously helps to reduce machine downtime as well as save costs."

The company said it planned to continue expanding the product range featuring the hammerless locking solution.

"Our plans for the future include developing a complete cast lip, featuring the new hammerless three part lip locking system - TwinMet - that we presented in AIMEX last September," Mr García Avilés said.

MTG products are available in Australia through ZMT Mining Products. **NMC**