

**THE MINER'S GUIDE TO THE GOOD LIFE**  
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# Hotspot set to lure



Measuring success: Loadrite's monitoring systems will be available at AIMEX.



Showtime: MTU Diesel will be displaying an array of engines at AIMEX.

The Asia-Pacific's International Mining Exhibition 2011 (AIMEX) will be a hotspot for mining vehicles with many Australian and international manufacturers and suppliers on display and in attendance.

AIMEX will be held at Sydney's Olympic Park, Homebush, from 6-9 September and here is a taste of some of the treats in store.

MTU Diesel Australia will showcase engines from 30 kW to 3000 kW for mining applications on Stand 611.

The company's 60-year history in providing power solutions has included supplying, servicing and supporting engines for dump trucks, excavators and drilling equipment.

"We are respected for our proven success and intelligent mining solutions and support. Importantly, we have a passion and commitment to our customers, who view us as strategic partners."

performance and safety driven solutions and are a brand that mine owners trust as we add value through our expertise and diversity in mining and resources, construction, civil and industrial engineering, and infrastructure investment."

Brands represented by the company include: MTU, Onsite Energy, Detroit Diesel, Mercedes-Benz, Allison Transmission, VM Motori and Kohler Power Systems.

AIMEX 2011 would be used as a platform to meet and inform new and existing customers about the company's total strength in mining, Mr Wright said.

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DT Australia will feature its WA-manufactured Hercules dump truck bodies on Stand H191.

According to the company, its patented Hercules body is a heavy duty, durable and lightweight truck body, offering unique and cost-saving features for enhanced performance. These include carved, rather than conventional square body design for increased capacity and strength, combined with lower weight, increased

# the big boys out to play

efficiency and productivity.

They are constructed using a flexible, hard-wearing steel plate developed for DT Australia.

The body volume is sized to material density and mine specific parameters.

"Numerous benefits result from using our truck bodies, including increased efficiency and productivity, and payload advantages in any mining application," DT representative Nada Velemir said.

"Our key advantages include reduced body weight, wear and maintenance reductions, and improved durability and reliability."

The Hercules' uniquely engineered design also meant extra capacity and enhanced stability and dumping, she said.

"These bodies offer a simplified single-shovel target area for loading, while optimal axle weight distribution reduces rock spillage and tyre wear, with wear on front tyres in particular substantially lower compared with conventional truck bodies."

"In addition, our unique wear management strategy ensures that the body weight does not increase over the life of the body, maintaining maximum payload advantage," Ms Velemir said.

Maintenance downtime is also reduced, as the Hercules' design

Body work: DT Australia will have its Hercules dump truck bodies on display.



enables individual panels to be easily replaced when damaged.

"Hercules bodies also result in increased safety during both maintenance and operation, as well as a lower environmental impact through reduced fuel consumption producing fewer emissions," she said.

Hercules truck bodies are custom made to specific mine requirements, and can fit all truck models.

Loadrite specialises in advanced scale systems that capture and report on this critical data and will showcase their latest equipment on stand S150.

"Knowledge is power and accurate reconciliation processes can mean the difference between success and failure in exporting, productivity and resource efficiency," said Loadrite Australasia region manager, Bruce Warner.

"With accurate monitoring systems, mine geologists can make more reliable assessments on the resource potential of a mine and mine designers can compare the actual production rate of the mine to the rate expected when the mine was being developed."

"This enables more dependable cash flow forecasts, and throughput related disputes between contracting parties to be minimised," he said.

"Most operations have a reconciliation process in place but the flow of information is so cumbersome that the process is often drawn out and forms part of a longer term strategy," said Mr Warner.

"We welcome all senior mine managers to visit our stand so we can showcase our systems and overall direction on where mine reconciliation activities fit into their priorities" he said.



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## Chinese takeaway inked

Sandvik Mining and Construction has received a contract from Shandong Gold to deliver 20 mining machines to the three mines at the Chinese company's operation in Shandong.

The Sanshandao, Jiaojia and Xingsheng mines are expected to receive the new additions to the fleet, comprising loaders, trucks and drill rigs, by the end of 2012.

The contract represents the largest single order ever for the mining units in China and solidifies Sandvik's position as China's leading provider of mining technology.

"Sandvik was initially selected as we demonstrated a low risk option, an

excellent understanding of their operations and the ability to deliver on all the required machines and services," said Sandvik EAS Region vice president, Schubert Huang.

"This is a win-win and we look forward to our continuing relationship with Shandong Gold."

The Shandong Gold Group is a large-scale state-owned enterprise directly affiliated with Shandong Provincial Government, which is also among one of the 529 enterprises and Chinese top-500 enterprises strongly supported by the state government.

## Family-owned business builds on a reputation for excellence

Engineering company J. Smith & Sons has been operating and trading in the Gympie region of Queensland for over 111 years.

The Australian-owned and family-run company has steadily built on this experience and today provides a wide range of Australian-made products and services to the mining and bulk haulage transport industries.

J. Smith & Sons specialises in mechanical design, testing and certification, factory and plant maintenance, design analysis and forensic engineering services.

Its product range includes Australian-made bins and containers, truck bodies, car carriers, rear-tip trailers, side-tip trailers, bottom-dump trailers, low loaders and tiltbids.

J. Smith & Sons recently received accolades for its Mk4 Hydrapole Dolly,

a powered dolly which allows mining companies to haul greater amounts of minerals for longer distances than a standard rear-tip mining truck.

The automated Mk4 system takes the role of a second prime mover in the mining train and can be operated in conjunction with up to four trailers at speeds up to 73kph, according to the company.

The Hydrapole's narrow build also means it needs far less road width than a standard mining dump truck which leads to reductions in infrastructure and maintenance costs.

For more information on the Mk4 Hydrapole and J. Smith & Son's full product range contact the offices at Tel: (07) 5482 1166; Email sales@smithson.com.au; www.smithson.com.au.

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