

Extreme Cleaning Pays Off

In a major breakthrough in mine site cleaning, Australian Pump has announced an expansion in their Aussie Mine Spec Extreme series. The range of continuous duty hydro-blasters now includes the big Aussie 4,300 psi Python with a huge 31 lpm that delivers real cleaning whack.

The combination of high flow at high pressure ensures that mine plant or equipment caked in mud can be cleaned significantly faster. This delivers major savings in downtime and maintenance costs.

“It’s really tough to shift dried mud from a crawler dozer or dump truck fast! You can’t fix it until you clean it, so that’s where machines with a great pressure/flow combination really deliver,” said Aussie Pumps Operations Manager Hamish Lorenz. “We’ve designed this kit to not only handle the rigours of mine life, but to run all day every day in the busiest of wash bays,” he said.

The heart of the new machine is a ‘Big Bertie’ RAS series heavy duty triplex piston pump. The power is supplied by a reliable, Yanmar 3TNV88 20kW diesel with integrated control panel. The compact, water cooled engine

delivers cleaner and lower exhaust emissions thanks to improved flowmixing and injector nozzle design. The engine is governed to a maximum speed of 2400 rpm for long life.

A PE Manual engine protection kit is fitted. It features a tachometer, hour meter, battery monitoring, timer and low oil pressure protection. A 50 litre stainless steel fuel tank enables the engine to run continuously for up to 10 hours.

The Python Extreme is mounted in a heavy duty hot dip galvanised steel frame with skid base. The base incorporates large forklift tyne slots accessible from all sides. A weather-proof cover protects the engine and pump without inhibiting air flow around the radiator. The mine spec frame includes reflective markers and flashing operating light for safety. A fire extinguisher and bunded tray are fitted as standard.

"This first unit is heading for an open cut coal mine, so it had to be both robust and mobile," said Aussie Pumps Operations Manager Hamish Lorenz.

"The Python weighs up to 565 kg so we integrated multiple forklift points into the skid base for ease of lifting." he explained.

The unit features a 60 litre stainless steel "break tank" with float valve and low

water cut out for pump protection. An emergency stop and battery isolator are fitted as standard on Aussie Mine Spec equipment.

The industrial 5,000 psi stainless steel hose reel with friction brake is loaded with 30m of 5800 psi rated hose. This facilitates cleaning large plant making it safer and is more convenient for the operator.

For further information on the Python Extreme hydro-blaster contact Aussie Pumps on 02 8865 3500 or check the Australian Pump website (www.aussiepumps.com.au).

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Caption for photo:

Aussie's Hamish Lorenz runs final pre-delivery checks on the engine protection kit supplied on the new Aussie Python Extreme Yanmar powered hydro-blaster.

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