



PumpEng

Tough Submersible Pumps

Company Profile

PumpEng

Introducing PumpEng

PumpEng is an Australian company founded in 2001 that specialises in submersible pumps for use in mining, construction and industrial dewatering. Founder Paul Meneghel has experience in submersible pumps and mining stretching back to the 1980s.

PumpEng uses innovative design to manufacture pumps that perform well in the toughest of circumstances. PumpEng has been successful in the Australian market with its innovative line of Raptor® pumps. Now PumpEng have launched a new pump - JetGuard®- that uses patented design innovations to better handle underground mining conditions including the presence of Shotcrete fibre and other tramp material.

Introducing JetGuard®

What Does A Broken Pump Really Cost A Mining Operation?

Many dewatering pumps were designed before Shotcrete was widely used in underground mining. Shotcrete fibres are now a major cause of underground dewatering pump failure and production delay. In a multi million dollar operation, even small delays can be expensive.

Benefits of JetGuard® for Mining Operators

- **Performance:** increase mine performance, productivity and profit by reducing breakdowns and delays
- **Safety:** reduce workplace hazards by reducing the number of breakdown maintenance events
- **Cost:** reduce equipment lifecycle cost by increasing total pump life



Why Is JetGuard® Better?

Protected - Less Fibre Gets In

A hydraulic curtain repels surface fibre, and the suction strainer intake is on the bottom of the pump, not the side. So less Shotcrete fibre gets inside. If any fibres do get in, a cutter plate chops up fibres into tiny pieces.

Toughened - Less Damage Gets Done

Internal components in the wet end are tough metal, not elastomer. Fibre and tramp can more quickly destroy elastomer components, while toughened steel components power on. The mechanical seal is in a non pressurised zone, away from the high pressure intake area and removed from the fluid/Shotcrete path. JetGuard® is dry run tolerant, and can run on the snore.

Productive - Less Downtime More Production

JetGuard® has been designed for tough environments, to keep on pumping when traditional dewatering pumps might fail.

The PumpEng Range

PumpEng manufacture and sell tough submersible pumps suitable for underground mining and other heavy duty applications. We innovate to increase operational reliability and productivity.

JetGuard®	Heavy duty underground dewatering pump. Shotcrete handling capability, all metal wet end, electro submersible pump with high chrome impeller. 10Kw (20Kw and 37Kw planned)
Raptor®	Underground dewatering submersible. Compatible with Xylem/Flygt Bibo range. 5Kw to 20Kw
ScatPump®	Heavy duty submersible sludge/slurry pump with high chrome impeller & agitator. Flows available up to 83 l/s and heads up to 35m. 1.5kw to 22kw
CorroTuff®	A 415v range of pumps with smart technology. Stainless Steel with a HRC impeller. 1.5Kw to 22Kw
MetalVest®	Slimline high head pump up to 100m. Available in 60 HTZ. Full metal build. 4Kw to 18.5Kw
Vortex	A pump designed to handle solids without damaging the product. 0.75Kw to 11Kw
Grinder	Small 240v grinder pump for dirty water applications. 0.75Kw to 1.1Kw

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