PumpEng

ScatPump



Submersible Pump Range

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

About PumpEng

PumpEng is on a mission to redefine underground mine dewatering, prioritising excellence at every turn. Our commitment to innovation, reliability, availability, and personalised support throughout the product lifecycle ensures every mine operator a good day at work.

PumpEng is an Australian-based global Original Equipment Manufacturer (OEM) with a rich history of supplying submersible pumps to the mining sector. Renowned for excellence and innovative pumping solutions, we are a trusted global mining partner. Our core competencies include submersible pump design, manufacture, assembly and application guidance. A commitment to eco-friendly solutions reflects environmental responsibility. Our client-centric approach fosters enduring partnerships worldwide, providing exceptional service and support. PumpEng upholds the highest standards and meets international regulations. PumpEng stands as a beacon of global OEM manufacturing, epitomising reliability, innovation, and customer-centricity for the mining sector. We're available, supportive, innovative and consultative.



Parts, Hire & Service - A Full Service Provider

PumpEng stock an extensive range of spare parts. The entire range of PumpEng submersible pumps are available for hire Australia wide on short and long term contracts.

A range of service programs are available, and can be tailored to your requirements.

To ensure you never pay too much for our services, we offer a price guarantee on our product range. This effectively caps your maximum repair price. Simply send us your old pump if it goes over our limit and we will supply you with a PumpEng re-manufactured replacement.

Explore Your Options

PumpEng Pty Ltd

Perth
(08) 9434 9922
U3, 22-24 Alex Wood Drive
Forrestdale WA 6112

Kalgoorlie
(08) 9021 5965
55 Oroya Street
Boulder WA 6432

Adelaide
(08) 8448 9830
U3, 9-11 Peekarra Street
Regency Park SA 5010

Townsville
(07) 4766 3160
64-66 Crocodile Crescent
Mount St John QLD 4818

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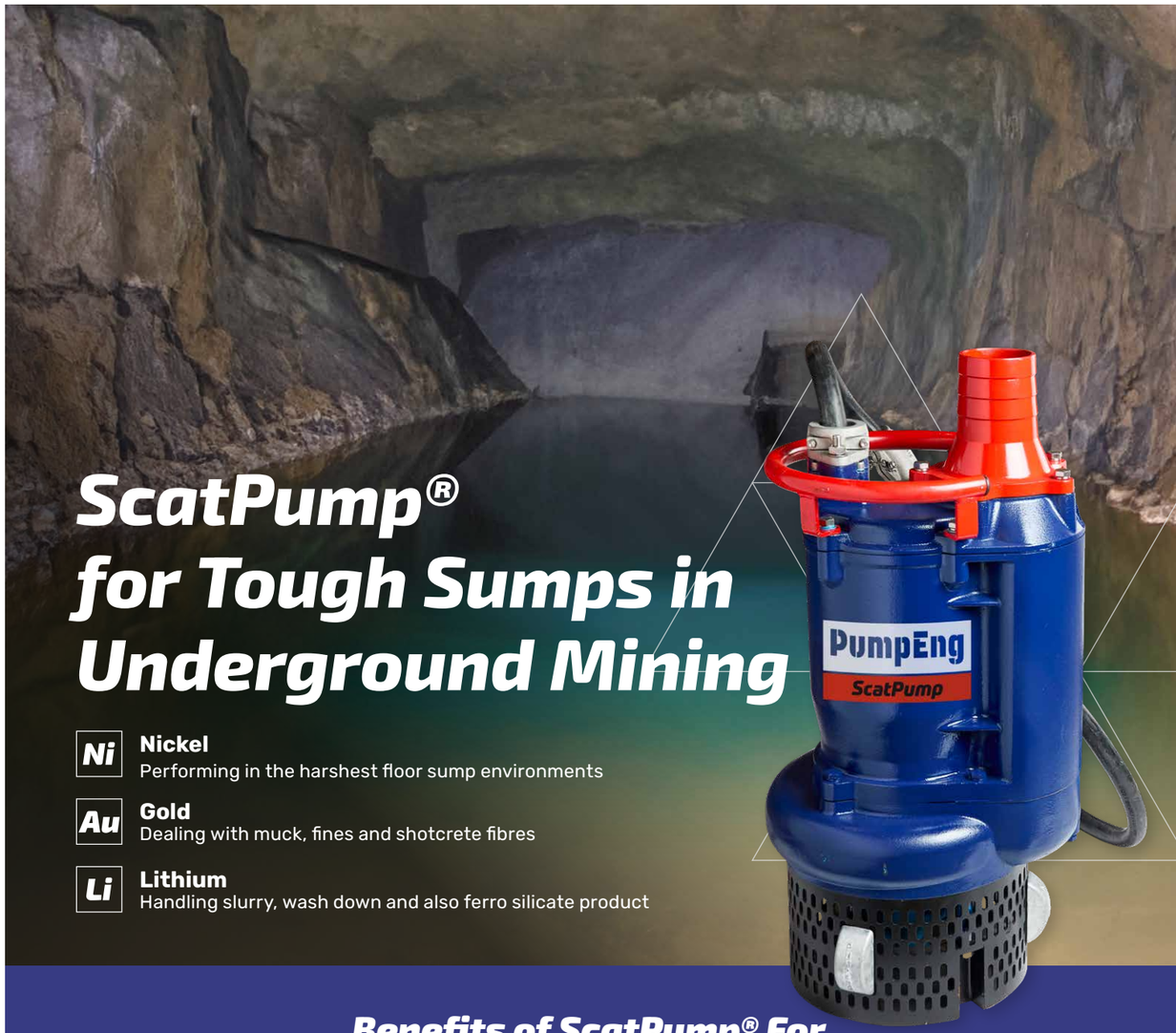
METAL IS BEST PumpEng



ScatPump® for Tough Sumps in Underground Mining

Ni **Nickel**
Performing in the harshest floor sump environments

Au **Gold**
Dealing with muck, fines and shotcrete fibres

Li **Lithium**
Handling slurry, wash down and also ferro silicate product

Benefits of ScatPump® For Processing Plants & Difficult Sumps

Performance

Unmatched Reliability:
No Belt Issues

Safety

Less Breakdowns =
Safer Workplace

Cost

Reduced Total Cost of Ownership (TCO)

Key Advantages

The ScatPump® dewatering pump by PumpEng offers your operation a reliable, high-performance, and safety-focused solution that can be customised to meet your unique needs. With reduced TCO and a commitment to reducing maintenance and replacement costs, it's not just a pump; it's a strategic investment in the future of your underground mining operation.

Performance

Safety

Cost

Unmatched Reliability: ScatPump® engineering means that it excels in the toughest underground mining environments. Its robust construction and high-quality metal components ensure it can handle the most difficult dewatering tasks with minimal downtime, allowing your team to focus on what they do best – extracting valuable resources.

Reduced Energy Consumption: Cutting-edge technology optimises performance while reducing energy consumption, helping to lower operational costs.

Safety First: Underground mining is inherently dangerous. Pump maintenance crews deal with electricity and water. Longer pump life reduces risk exposure because there are fewer maintenance events.

Customisation for Your Needs: No two mining operations are identical. The PumpEng team will problem-solve with you to ensure you have the right pump for the job. Consultants will tailor a solution to fit seamlessly into your existing setup.

Reduced Total Cost of Ownership (TCO): Investing in the ScatPump® means investing in long-term savings. Its durability and efficiency minimise maintenance costs and extend the lifespan of your equipment.

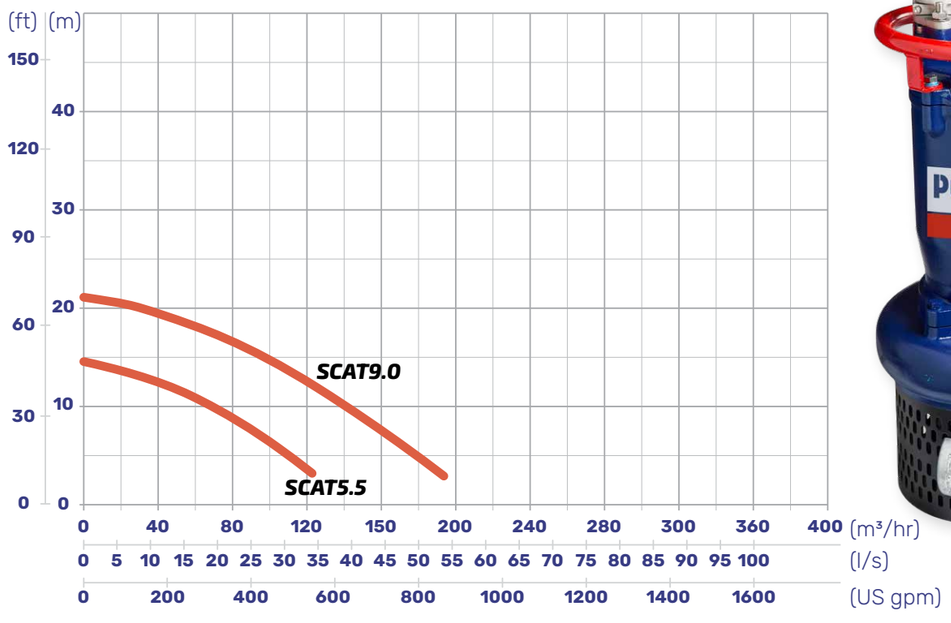
Expert Support: PumpEng isn't just delivering a pump, there is an ongoing partnership. The PumpEng team of experts can assist with installation, maintenance, and troubleshooting, ensuring your ScatPump® operates at peak performance throughout its lifecycle.

Environmental Responsibility: PumpEng believes in sustainable mining practices. The ScatPump® delivers more efficient recovery of water into the water circuit. Pump reliability means less need for pump replacement.

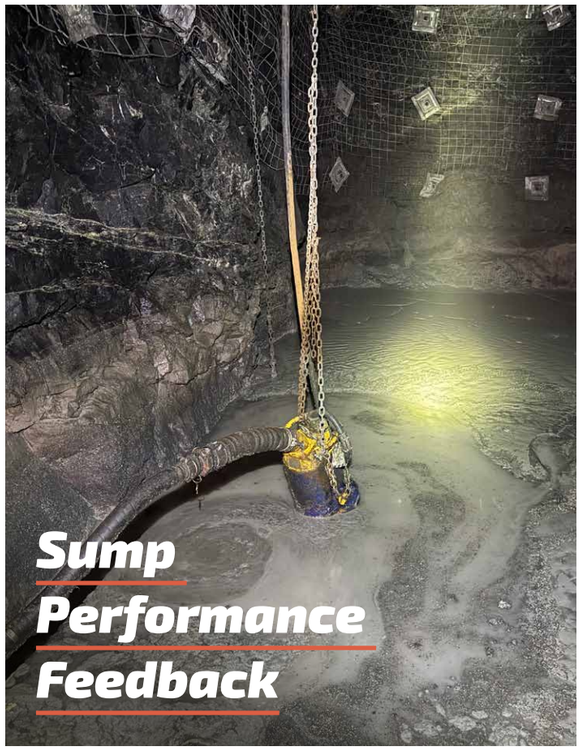
Free-Up Maintenance Crews: Less downtime means your maintenance crew can do preventative work on your site.

Proven Track Record: PumpEng has a reputation for excellence in the industry, with a long history of successful projects and satisfied customers. When you choose the ScatPump®, you select a product backed by a legacy of reliability and innovation.

ScatPump® (50Hz 1450rpm)







Ease of Installation & Compatibility With Existing Equipment

"Our initial order was for one trial pump which was used to replace our hardest working and most problematic sump pump. That pump was received very well by the guys on site because of the ease of installation, especially as it was compatible with all of our existing control set-up."

Area Manager, Lithium Processing Plant

Suitability & Value

"Then as soon as it was put into use it started performing well and the Projects team quickly received requests to commence with ordering further pumps for some of the other problem areas. It was decided that these pumps were more than a short term solution and because of their suitability and value..."

Area Manager, Lithium Processing Plant

Can Handle Harshest Sump Conditions

"We trialled a ScatPump® 5.5 submersible pump in our harshest floor sump environment, under our crushing circuit. Not only did the pump last 100% longer, but it greatly increased the ease of replacement due to its smaller size compared to the previous vertical cantilever pump. We are now in the process of installing these ScatPump® 5.5 pumps all around our plant, with positive feedback from maintenance and operations."

Maintenance Superintendent, Nickel Ore Processing Plant

Model	kW	Discharge	Phase	Solids Passage in mm	Max Head in m	Max Flow l/s (gpm)	Max Diameter mm	Height mm	Weight kg
SUH3A0308	5.5	4"	3 Ø	30	16	38 (602)	415	730	145
SUJ3A0308	9.0	6"	3 Ø	30	22	50 (792)	434	776	183

Pump Specifications	
Impeller	High Chrome Semi-open impeller
Wear Plate	High Chrome
Mechanical Seal	Sic-Sic / Sic-Sic
Bearing	Heavy duty bearings grease lubricated
Agitator	Replaceable High Chrome
Volute Casing	Hardened Ductile Iron

Motor Specifications		
Type		Submersible Continuous Duty
Pole		4-Pole
Insulation Class		F Class
Motor Power Details		1000V, 3 phase, 50 cycle
Protector		Auto-cut (over-heat & over-load)
Max Liquid Temp		Fluid at 40°C
Protection Class		IP-68
Max Submergence		15m
Materials	Jacket	Ductile Iron 35-40 HRC
	Shaft	420 stainless steel
	Cable	10m Standard
	Seal	Sic-Sic / Sic-Sic

