

# PumpEng

## ScatPump



## ScatPump<sup>®</sup> 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<sup>®</sup> 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.**

**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.

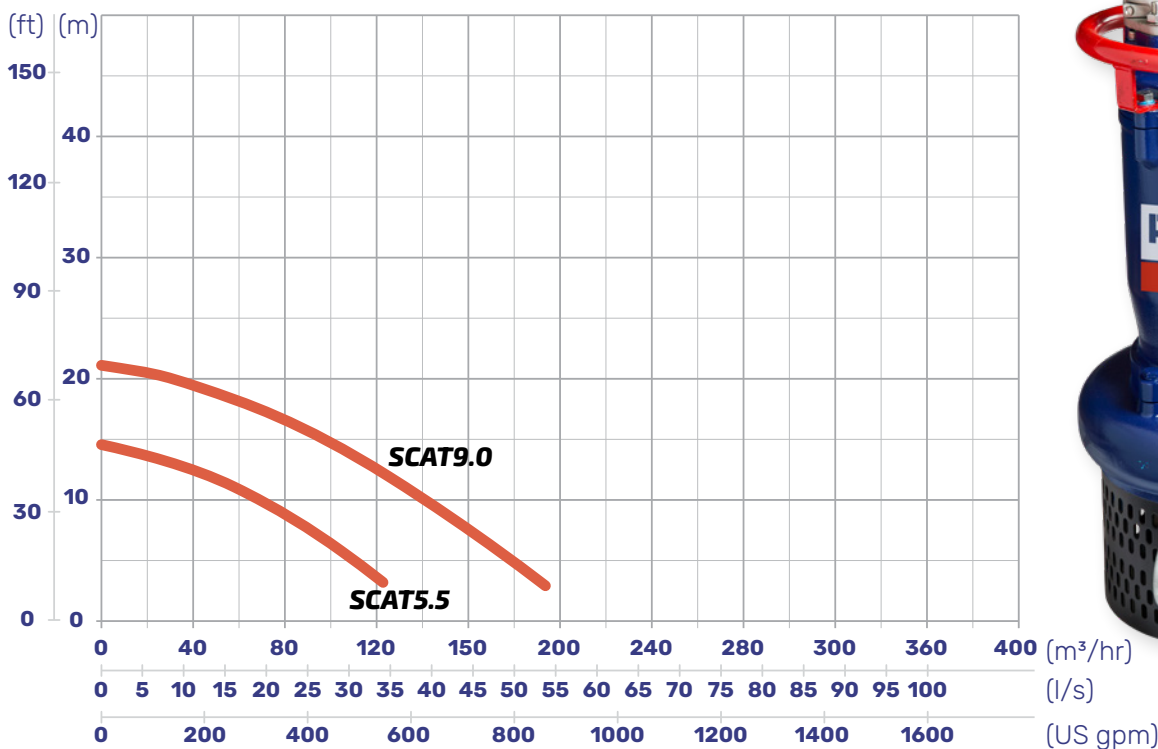
**Proven Track Record:** PumpEng has a reputation for excellence in the industry, with a long history of successful projects and satisfied customers. When you choose the ScatPump®, you select a product backed by a legacy of reliability and innovation.

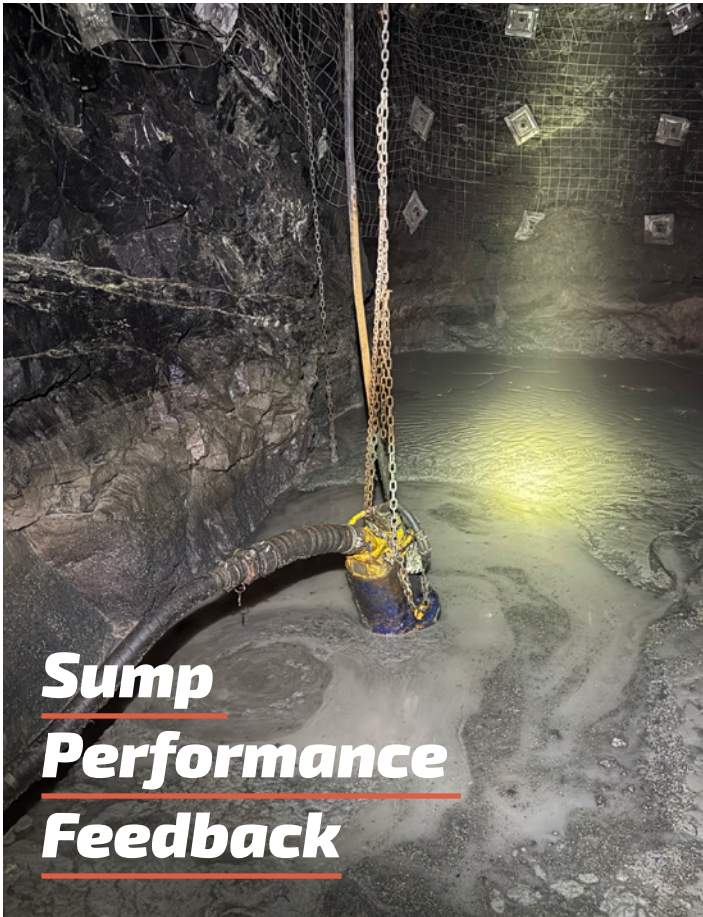
 Performance

 Safety

 Cost

## 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 Harshes Sump Conditions

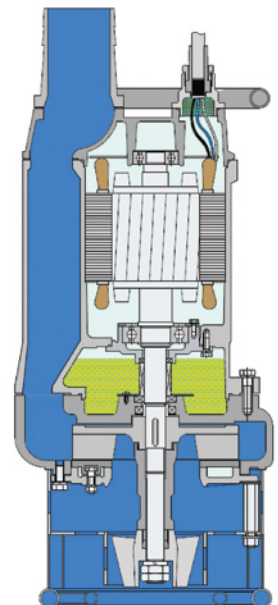
"We trialled a ScatPump® 5.5 submersible pump in our harshes floor sump environment, under our crushing circuit. Not only did the pump last 100% longer, but it greatly increased the ease of replacement due to its smaller size compared to the previous vertical cantilever pump. We are now in the process 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 m <sup>3</sup> /min | Max Diameter mm | Height mm | Weight kg |
|-----------|-----|-----------|-------|----------------------|---------------|------------------------------|-----------------|-----------|-----------|
| SUH3A0308 | 5.5 | 4"        | 3 Ø   | 30                   | 16            | 2.3                          | 415             | 730       | 145       |
| SUJ3A0308 | 9.0 | 6"        | 3 Ø   | 30                   | 22            | 3.0                          | 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      |



# 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



#### North America

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