# PumpEng

## ScatPump



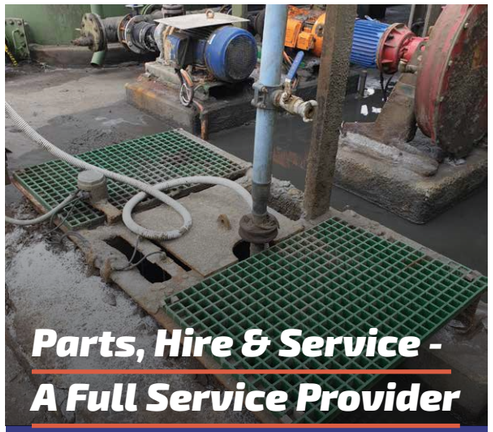
## Submersible Pump Range

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**
+1 (208) 749 7636
635 5th Ave West
Twin Falls ID 83301

**sales@pumpeng.com.au**

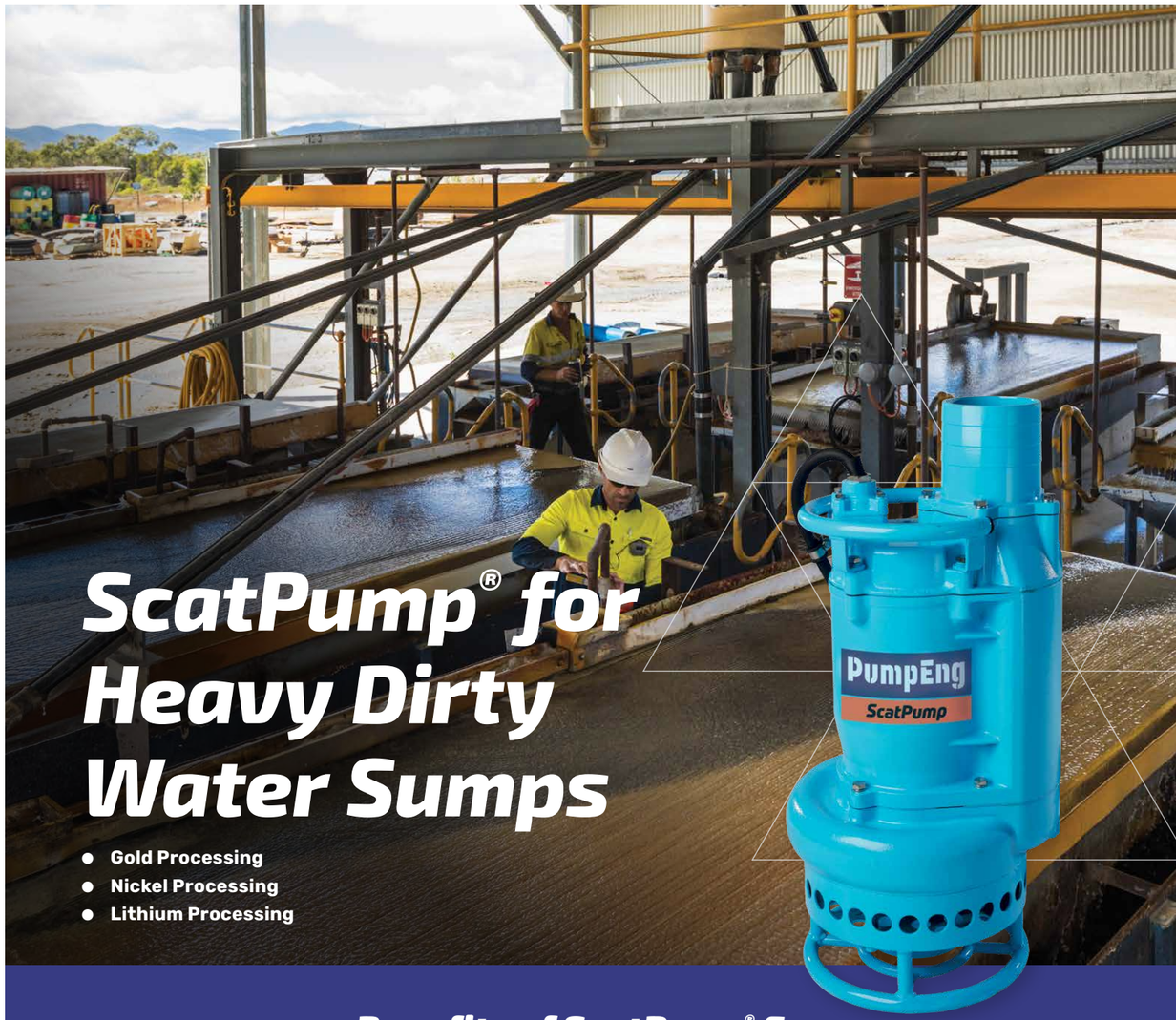
**pumpeng.com.au**



PumpEng

ScatPump


METAL IS BEST PumpEng




# ScatPump® for Heavy Dirty Water Sumps

- **Gold Processing**
- **Nickel Processing**
- **Lithium Processing**

## Benefits of ScatPump® For Processing Plants & Difficult Sumps

### Performance

Double Pump Life
Reduce Energy Consumption

### Safety

Lower Water Levels
Easy to Install & Move

### Cost

Reduce Maintenance Costs

# Key Advantages

- **Easier to install**
- **No need to worry about belts**
- **Agitator keeps solids in suspension**
- **HIRC wear parts for longer life**





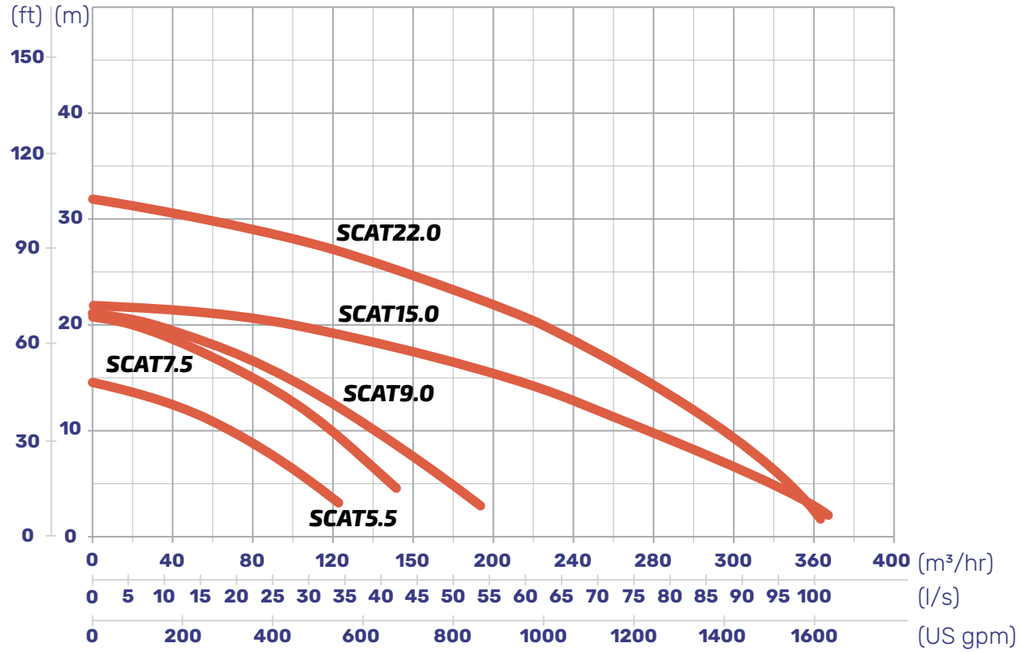

Double silicon carbide mechanical seal in an oil bath offering abrasion resistance and snore running capability. Wear protection ring is also fitted.

Semi Open, HICR hardened impeller resists abrasion and allows the pumping of large diameter solids.

The HICR agitator helps to keep solids in suspension thereby minimising the issue where the water is pumped but the solids are left in the sump.

A HICR wear plate to reduce abrasion. Can be adjusted externally to keep efficiency at a maximum.

## ScatPump® (50Hz 1450rpm)




# Exchange Program*

## Exchange Program

Our service exchange* program allows customers to quickly replace a ScatPump® that has lost its flow or head and requires to be repaired, PumpEng will send back a rebuilt Serv-X Pump. If the ScatPump® being sent back is totally unusable, PumpEng will still offer an exchnage of the same **type** and model of **PumpEng branded ScatPump®**.

A service exchange* pump is always at a fixed price. This gives our customers great peace of mind knowing that the manufacture stands behind its products and their brand.



# Sump Performance Feedback

## 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 |
|---|---|---|---|---|---|---|---|---|---|
| **SPH2A0308** | 5.5 | 4" | 3 Ø | 30 | 16 | 38 (602) | 415 | 730 | 145 |
| **SPI2A0308** | 7.5 | 4" | 3 Ø | 30 | 22 | 45 (713) | 434 | 776 | 170 |
| **SPJ2A0308** | 9.0 | 6" | 3 Ø | 30 | 22 | 50 (792) | 434 | 776 | 183 |
| **SPK2A0308** | 15.0 | 8" | 3 Ø | 30 | 22 | 103 (1,633) | 484 | 980 | 278 |
| **SPL2A0308** | 22.0 | 8" | 3 Ø | 30 | 32 | 100 (1,585) | 578 | 1200 | 434 |

| 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** | | 415V, 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 |

