

PumpEng

ScatPump



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.

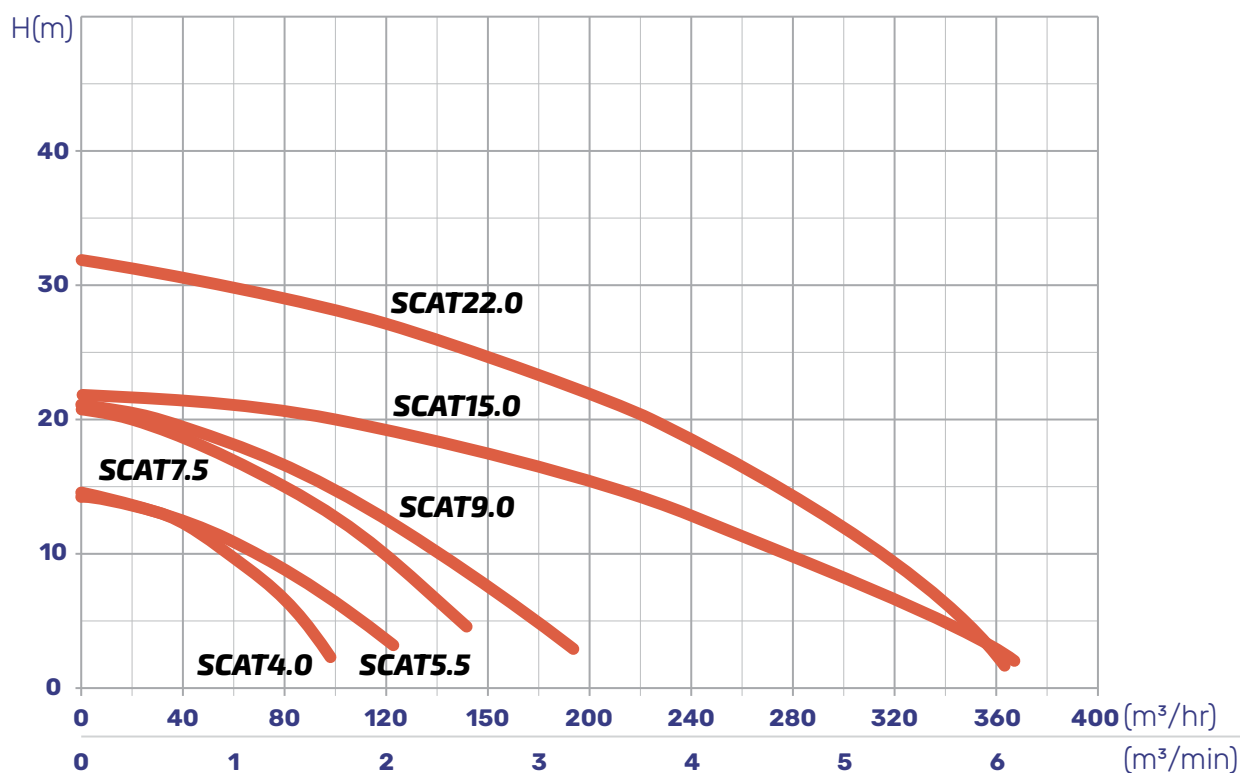
Semi Open, HICR hardened impeller resists abrasion and allows the pumping of large diameter solids.

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 exchange 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 Harshes Sump Conditions

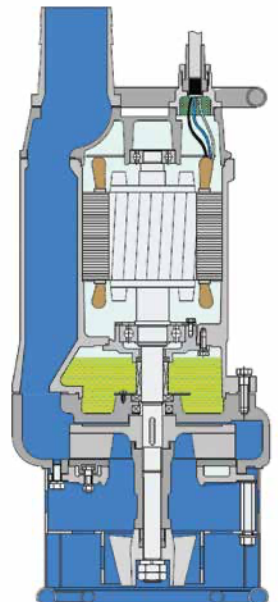
"We trialled a ScatPump 5.5 submersible pump in our harshes floor sump environment, under our crushing circuit. Not only did the pump last 100% longer, but it greatly increased the ease of replacement due to its smaller size compared to the previous vertical cantilever pump. We are now in the process 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 ³ /min	Max Diameter mm	Height mm	Weight kg
Scat 4.0	4.0	3"	3 Ø	30	15	1.6	350	730	119
Scat 5.5	5.5	4"	3 Ø	30	16	2.3	415	730	145
Scat 7.5	7.5	4"	3 Ø	30	22	2.7	434	776	170
Scat 9.0	9.0	6"	3 Ø	30	22	3.0	434	776	183
Scat 15.0	15.0	8"	3 Ø	30	22	6.2	484	980	278
Scat 22.0	22.0	8"	3 Ø	30	32	6.0	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



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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.

The PumpEng Way

The PumpEng Way is our proven process that ensures your operations are "Using The Right Pump for the Job" with best practice installations. We Present our Solutions based on data gathered at the Initial Inspection.

This is the beginning of The Journey To A Good Day At Work, as we work together to outline our plan for Sustainable Improvement. Our Quarterly Data Report will measure your success as increased pump life reduces the opportunity of pump failure to impact productivity and profit.

**Contact Us to Explore your options for
Partnering with PumpEng.**



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

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