WARMAN®Centrifugal Slurry Pumps

SJ Range Submersible Dewatering Pump





The Warman® SJ pump range combines ruggedness and durability with leading edge hydraulics and materials technology.



The Warman® SJ submersible dewatering pump range

solutions, offers a complete range of pumps for dewatering in the industry; including submersible, turbine, and positive displacement pumps.

We have used our vast experience from around the world to develop the Warman® SJ pump range. The range combines ruggedness and durability with leading edge hydraulics and materials technology and offers the following features and benefits:

Trouble-free and safe handling

Robust low weight design, encapsulated motor, wear resistant materials and no external moving parts makes operation easy and safe.

Ease of maintenance

A modular design and common components throughout the product range maximizes interchangeability, resulting in reduced maintenance and inventory. Simple access to the separate sealed electrical junction box simplifies cable replacement and reduces downtime.

Installation flexibility

- Equipped for immediate use
- Submersible to 20m (65ft)
- May be operated in any position
- Self priming
- Can operate in snore or run dry conditions, eliminating sump level issues
- Built in temperature sensors for automatic shutdown



Premium submersible dewatering pump from the global dewatering pump specialists, Weir Minerals.

Ready to use straight from the box

High specification mining cable is supplied as standard.

Can run dry or on snore

Heavy duty construction with double outer casing provides excellent heat convection making it possible to run the pump dry or on snore conditions.

Motor protection

All pumps are fitted with bimetal thermal microswitches in each winding. In sizes up to SJ40, the thermal switches are connected to a built-in contactor that protects the motor from overheating. SJ60 units have an integral control circuit in the motor cable that facilitates external control.

Environmentally safe

Non-toxic coatings and the use of white oil ensure that the pump is environmentally safe.

Long life mechanical seal

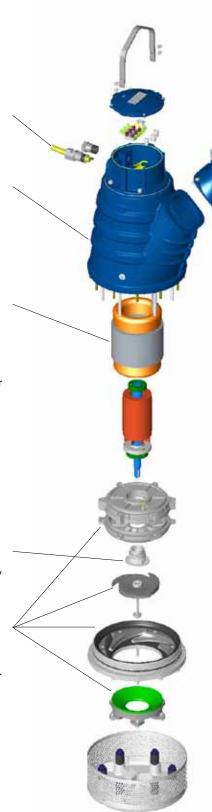
Silicone carbide faces on primary seal ensure long seal life in dirty water conditions.

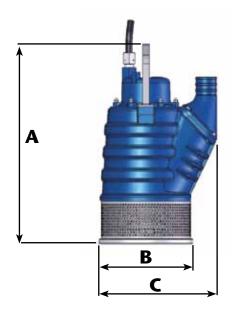
Wear resistant design

A high chrome iron impeller, nitrile covered motor plate and diffuser and a polyurethane wear plate represent the optimum combination of materials technology for dirty water conditions.

Highly flexible

The pump can operate in any position, upright, horizontal or even upside down





Size	Discharge	Weight	Α	В	С
	dia. inches	lbs. (kg)	mm	mm	mm
	(mm)	includes			
		cable			
75-140SJ2-2	3 (75)	79 (36)	575	230	308
75-175SJ5-2	3 (75)	130 (59)	686	289	371
75-190SJ8-2	3 (75)	192 (87)	735	289	374
100-160SJ8-2	4 (100)	192 (87)	735	289	374
100-220SJ20-2	4 (100)	396 (180)	960	450	564
150-155SJ20-2	6 (150)	396 (180)	960	450	564
100-250SJ40-2	4 (100)	695 (316)	1114	533	646
150-170SJ40-S	6 (150)	695 (316)	1195	533	646
150-400SJ60-4	6 (150)	1300 (591)	1113	774	892
200-310SJ60-4	8 (200)	1300 (591)	1113	775	907

Product nomenclature explained:

100-220SJ20-2

	T	ТΠ	
Standard outlet diameter (mm)			
Impeller diameter (mm)			
Pump type —		┚┃	
Approx. motor power (kW) —			
Motor speed (pole)			

Warman® SJ Submersible Pump Flotation Units

Warman® SJF submersible pump flotation units

The Warman® SJF flotation units are a simple yet highly efficient means of floating the Warman® SJ submersible dewatering pumps.

They have been designed to offer a lightweight, safe and cost effective solution for floating submersible pumps.

Applications

The Warman® SJF flotation units can be used anywhere that requires a Warman® SJ pump to be floating on the surface, such as reclaim or recycle water applications.

Standard features

- Compact and lightweight
- Oil resistant polyethylene filled with expanded polystyrene
- Galvanized steel metal parts
- Central lifting device for easy installation

Benefit to the customer

The Warman® SJF flotation unit provides a simple economical method of keeping the pump off the bottom to avoid plugging or sanding-in of the unit. This in turn allows the inflow of cleaner water into the pump reducing the amount of solids in the pumpage and your system. The result is long product life, minimal maintenance and low ownership cost.

WARMAN® Centrifugal Slurry Pumps
GEHO® PD Slurry Pumps
LINATEX® Rubber Products
VULCO® Wear Resistant Linings
CAVEX® Hydrocyclones
FLOWAY® PUMPS Vertical Turbine Pumps
ISOGATE® Slurry Valves
MULTIFLO® Mine Dewatering Solutions
HAZLETON® Specialty Slurry Pumps
LEWIS® PUMPS Vertical Chemical Pumps

For further information on any of these products, service or support services contact your nearest sales office or visit:

WEIR MINERALS SERVICES™

www.weirminerals.com

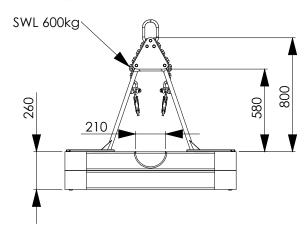
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Warman® SJF 20







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