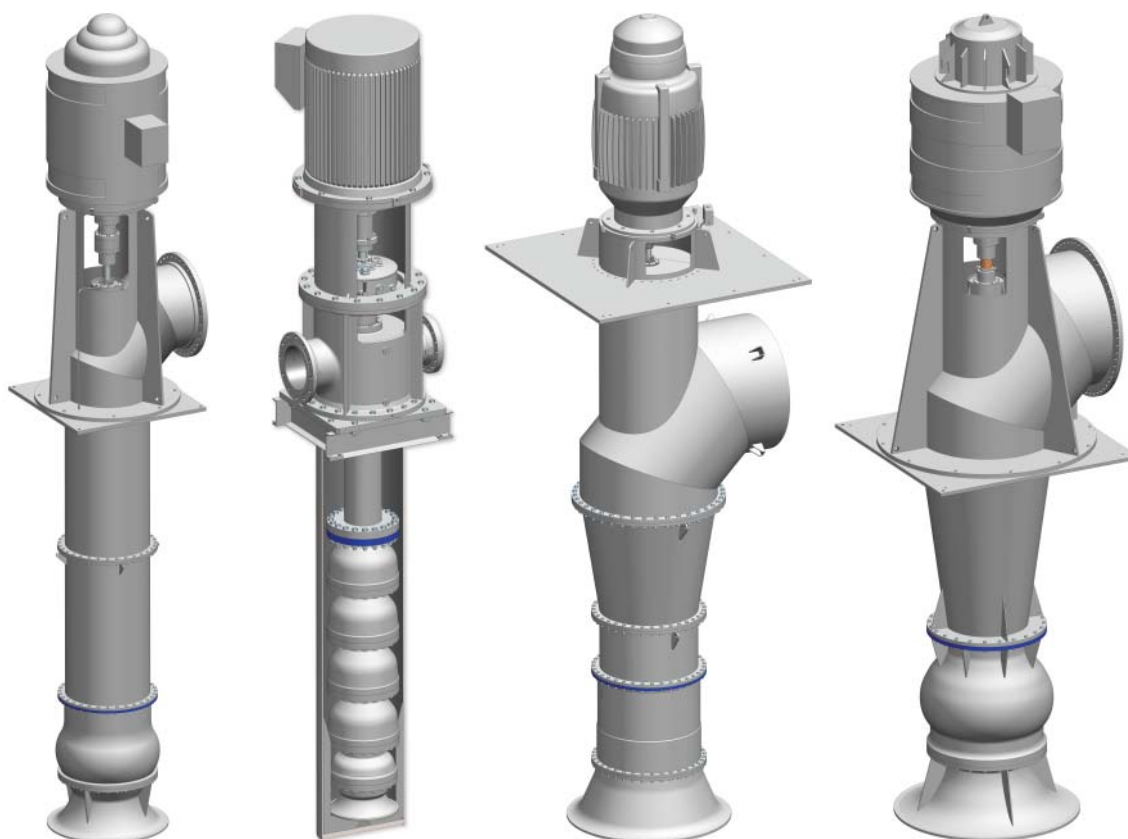


Vertical Pump Ranges



motralec

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www.motralec.com

The **Heart**
of Your
Process

SJT Vertical Turbine Pumps

The SJT vertical turbine range offers incredible flexibility due to an extensive range of standard features. These include oil, grease, product or flushed bearing lubrication, sealing plans for all liquids, above or below ground discharge and a wide range of materials of construction. In addition, SJT pumps can be supplied in accordance with ISO 13709 (API 610) and other specifications. The SJT pump can be supplied as both a lineshaft/open sump or can design.

Operating Data

	50 Hz	60 Hz
Pump sizes	200 to 3,000 mm	8 to 120 inches
Capacities	9 to 50,000 m ³ /h	40 to 220,000 USgpm
Heads	up to 115 m per stage	up to 380 feet per stage
Pressures	up to 40 bar	up to 600 psi
Temperatures	up to 230° C	up to 450° F



SJM Vertical Mixed Flow Pumps

SJM mixed flow pumps are ruggedly designed for years of trouble free operation in a wide variety of applications. The basic components of discharge head, column pipe and bowl assembly are combined and customized to match individual duty needs. In addition, the broad range of material options ensures the materials of construction can be matched to individual installation needs.

Operating Data

	50 Hz	60 Hz
Pump sizes	200 to 1,750 mm	8 to 70 inches
Capacities	180 to 50,000 m ³ /h	800 to 220,000 USgpm
Heads	up to 29 m	up to 95 feet
Pressures	up to 17 bar	up to 250 psi
Temperatures	up to 135° C	up to 275° F

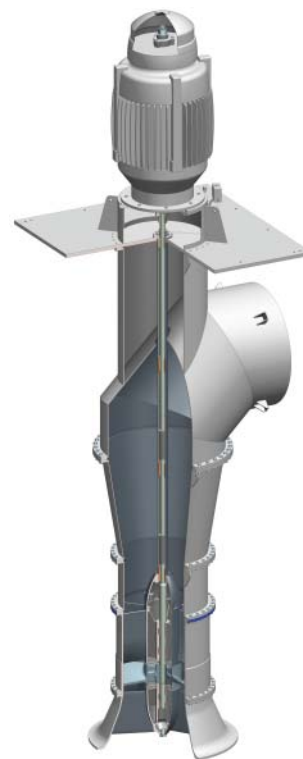


SJP Vertical Axial Flow Pumps

The SJP range of axial flow (propeller) pumps is specifically designed for high flow low head duties. Widely used in irrigation, flood control, drainage and condenser circulation applications, SJP pumps are designed for continuous service for extended periods of time. The pumps are available in a range of metallurgies to match individual application needs.

Operating Data

	50 Hz	60 Hz
Pump sizes	200 to 2,120 mm	8 to 72 inches
Capacities	200 to 54,500 m ³ /h	900 to 240,000 USgpm
Heads	up to 12 m	up to 40 feet
Pressures	up to 2 bar	up to 30 psi
Temperatures	up to 50° C	up to 120° F



Vertical Multistage Can Pumps

Can pumps are specified wherever NPSHa is limited, due to either system constraints or liquids operating near to their vapor pressure. Sulzer Pumps offers a condensate extraction pump (SJD) that is a vertical, can mounted multistage bowl diffuser pump in one of either two designs:

- single suction first stage impeller
- double suction first stage impeller for applications with high flow and low NPSHa

Sulzer Pumps also supplies vertical multistage can pumps in accordance with ISO 13709 (API 610) and other specifications.

Operating Data

	50 Hz	60 Hz
Capacities	9 to 22,700 m ³ /h	40 to 100,000 USgpm
Heads	up to 1,830 m	up to 6,000 feet
Suction pressures	up to 100 bar	up to 1,440 psi
Max operating pressures	up to 150 bar	up to 2,200 psi
Temperatures	-185° C to 230° C	-300° F to 450° F



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