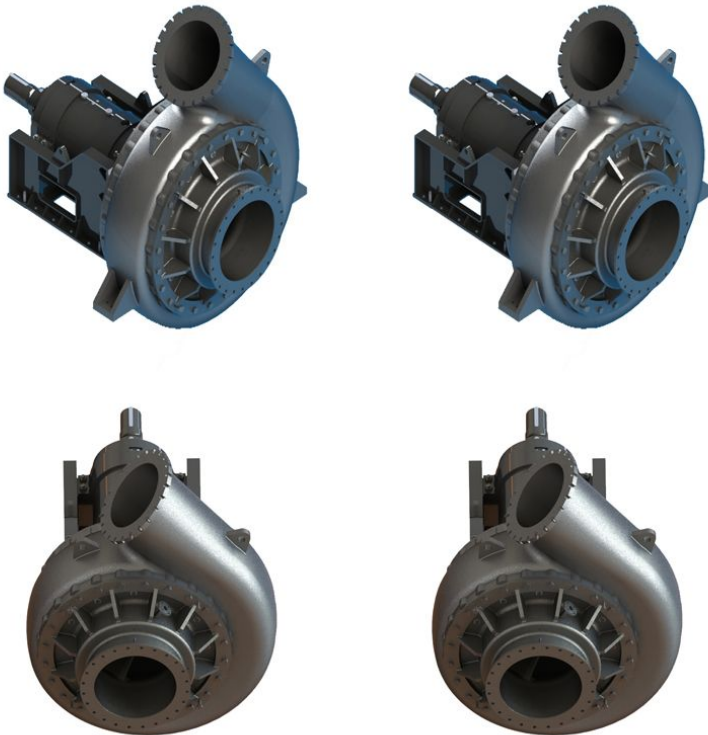


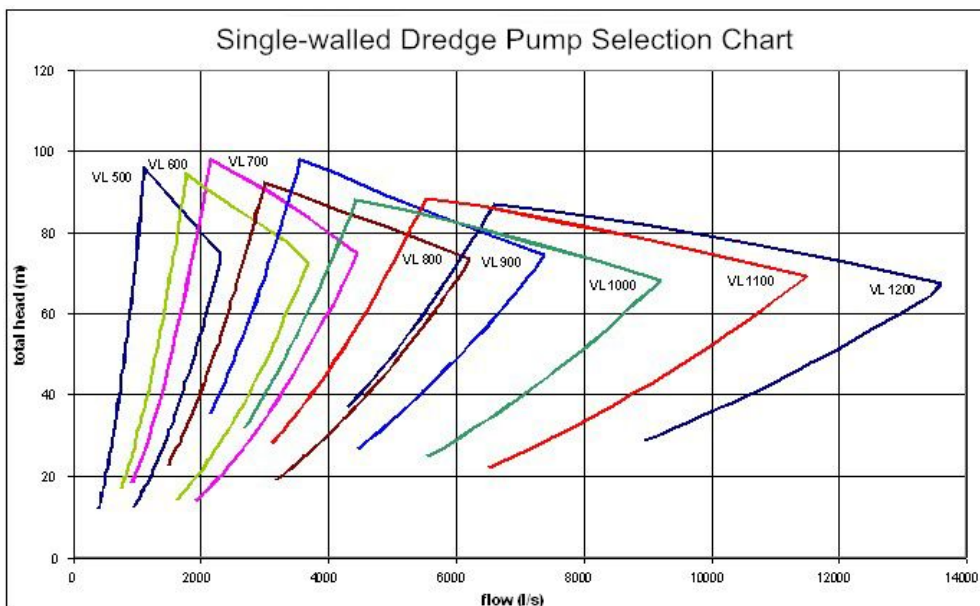
## Single-walled Dredge Pump



### Single-walled Dredge Pump Features and Performance:

The single-walled dredge pump systems are highly efficient. Due to their excellent, stable suction performance, long wear life and a minimum of maintenance, the systems are able to handle bigger volumes in less time and at a lower cost. The pumps are optimised by CFD (computer fluid dynamics) to get the highest pump efficiency at maximum sphere clearances over a wide range. The pumps are also designed to get an even wear with minimal wear rates.

1. Advanced hydraulic model, CAD three-dimensional design, high efficiency, significant energy saving, large deepening, high concentrations dredging, cavitation performance, super suction and over-flow capability, continuously pumping gravel and high mould clay block.
2. It can be equipped with diesel engines or be equipped with motor driven directly. It has the advantages of working stability, little vibration, low noise and low hydraulic loss, high efficiency, low fuel consumption and small size, light weight, simple structure, easy maintenance.



single-walled dredge pump selection chart

**Technical Specifications**

Model	Water flow Q(m <sup>3</sup> /h)	Lift H(m spout)	Rotate speed (rpm)	Shaft power (KW)
HS-JF150-27.5-55	4000	72	425	1260
HS-JF112-23-55	4000	58	565	1010
HS-JF131-28-65	7000	60	520	1830
HS-JF142-30-70	8000	60	350	2100
HS-JF177-37.5-75	8000	65	355	2260
HS-JF200-42.5-85	12000	74	340	3900
HS-JF190-45-90	14200	73	320	4500
HS-JF91-19-45	3200	18	460	250
HS-JF160-40-80	10000	65	413	3000
HS-JF200-42.5-85	12000	45	280	2370
HS-JF172-36-85	12000	65	390	4000
HS-JF212-45-90	14200	73	320	4500
HS-JF236-45-90	14200	73	285	4500
HS-JF180-45-90	15000	16	170	1050



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