

DP

Heavy Duty Dewatering Systems

Our Company

Hitech Syndicate, the manufacturer of VEGO Pumps is a part of the Sudarshan Group of Industries. The Sudarshan Group was established in 1980 to manufacture industrial pulleys. The company has had steady growth since then and in 2001, Hitech Syndicate was formed to supply spares for pumps.

In 2005, a dedicated manufacturing unit was opened for Hitech Syndicate with state of the art machining unit and pump testing facilities. That same year, we started exporting fully assembled dewatering pumps to the Middle East.

VEGO Pumps have established a reputation for quality and value that makes our customers return to us with repeat orders. In 2012, more than 400 pumps were manufactured.

With a good chunk of our revenue dedicated to research and development, we have a wide range of pumps to suit any need. Other than the dewatering pumps, we also manufacture Slurry pumps and Dredge pumps.

DP dewatering systems

– Designed to perform in the most demanding conditions

Ground water control is very important in many construction and mining sites. We at Hitech Syndicate understand this and custom build each dewatering pump to suit your need. Our DP series of auto-priming diesel engine driven pump units offer simple, reliable operation and easy maintenance.

Our dewatering systems are fully automatic priming pumps that can run dry for extended periods due to oil bath twin mechanical seals. DP dewatering systems have a proven track record of excellent performance since 2004.

Custom Engineered Solutions

The DP dewatering units can be fully customized to suit any specific need. Some of the options available:

- Sound proof acoustic enclosures
- Diesel or electrical motor driven pumps
- Standard Engines are from Deutz. Other Engines available on request
- Skid, trailer (four wheel site trailer or high speed trailer) or pontoon mounted units
- Parts made with stainless steel, hardened steel or cast iron
- Clutch operated vacuum pump to save fuel and maintenance
- Anti wear Ceramic coating for volutes
- Engineered custom options



DP-M High Capacity Pumps

– Ideal for Wellpoint Dewatering projects

The VEGO DP-M pump range has been designed to provide high efficiency, high capacity fluid handling solutions. These pumps are fully automatic auto priming pumps and can run dry for extended periods due to the unique double mechanical seal in oil bath. This feature also allows priming with long suction hoses and suction lift up to 9 meters.

These pumps have been the trusted workhorses in many construction dewatering projects. The DP-M pumps consist of a centrifugal pump, belt driven vacuum pump and float actuated water separation tank. They are driven by reliable and efficient Deutz German Engines.

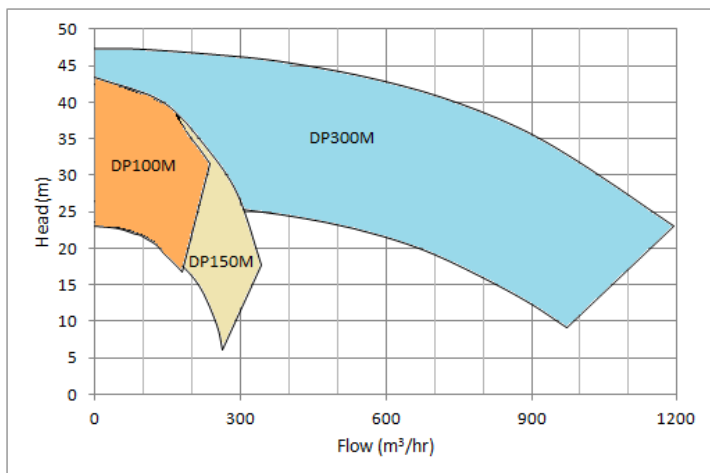
Features

- Auto-priming pump system
- 9m maximum suction lift
- Integrated 24 hour fuel tank
- Trailer mount or Skid mount
- Dry running- Oil lubricated mechanical seal
- Wear resistant Ceramic coating in volute
- Anti corrosive primer and scratch resistant paint
- Stainless Steel or hardened steel parts available
- Standard Deutz German Engine

Applications

- Wellpoint Dewatering
- Construction
- Jetting
- Environmental
- Industrial
- Mining
- Clear Water

Model	Suction (mm)	Delivery (mm)	Maximum Head (m)	Maximum Flow (m ³ /hr)
DP100M	100	100	40	235
DP150M	150	150	40	380
DP300M	300	300	48	1300



DP-S Solid Handling Pumps

– Well suited for Sewage and Sludge Pumping

The VEGO DP-S pumps are pumps with large passage sizes capable of handling large solid sizes. They are ideally suited for pumping raw sewage, sludge and liquids with solids up to 100mm. These pumps offer auto priming up to 8m and are available with a variety of Diesel engines from Deutz or Lister. Stainless Steel impellers or hardened steel impellers available for longer wear life.

These pumps have been designed for durability and easy maintenance. If required, electric motor driven units can be supplied.

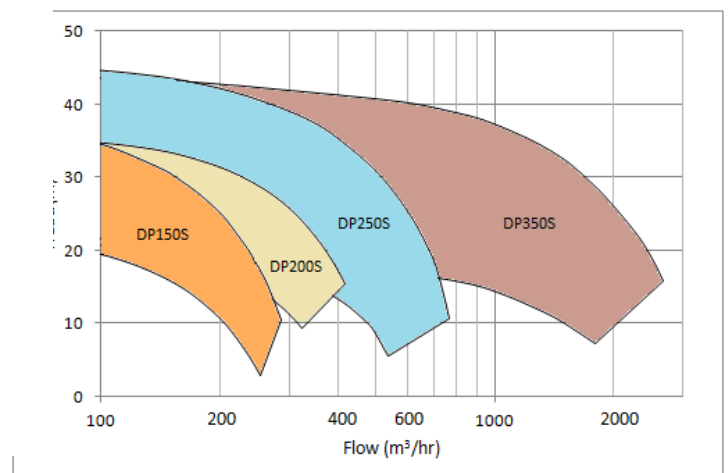
Features

- Auto-priming pump system
- 8m maximum suction lift
- Integrated 24 hour fuel tank
- Trailer mount or Skid mount
- Side discharge pipes for easy pipe connections
- Large Passage sizes
- Anti corrosive primer and scratch resistant paint
- Stainless Steel or hardened steel parts available
- Standard Deutz German or Lister Engine

Applications

- Sewage Pumping
- Bypass Applications
- Construction
- Environmental
- Industrial

Model	Suction (mm)	Delivery (mm)	Solids handling (mm)	Maximum Head (m)	Maximum Flow (m ³ /hr)
DP150S	150	150	52	38	325
DP200S	200	200	75	36	420
DP250S	250	250	75	40	740
DP350S	350	350	100	40	2500



DP-H High Head Pumps

– Ideal for Pipeline Pumping & Mine Dewatering

The VEGO DP-H range pumps incorporate all DP-M features and provide high pressure output. They are best suited for pipeline pumping and mine dewatering. These pumps are built tough to withstand the heavy duty requirements of mining and associated industries. Stainless steel impellers or hardened steel impellers available for longer wear life. Optional clutch operated vacuum pumps available. This feature disengages the vacuum pump when the pump is primed, saving on fuel costs and maintenance costs.

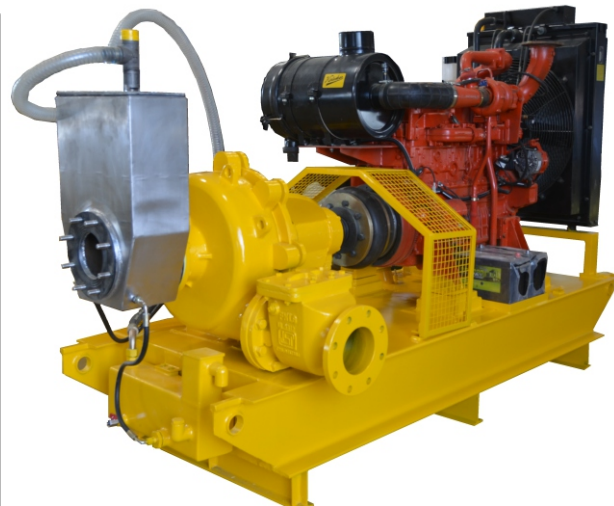
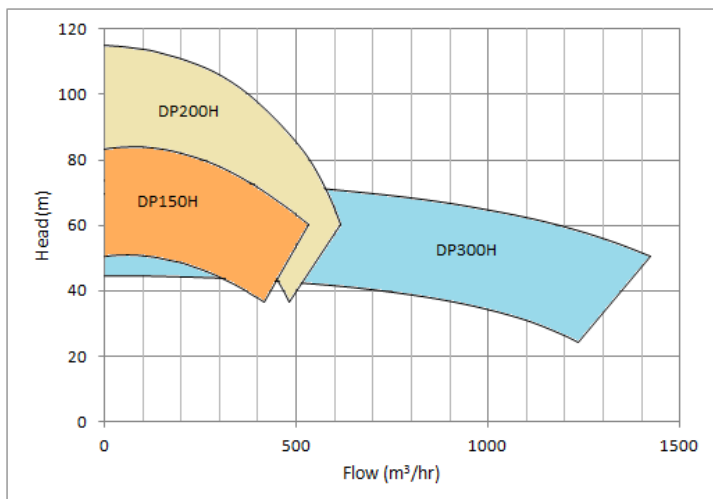
Features

- Auto-priming pump system
- 9m maximum suction lift
- Integrated 24 hour fuel tank
- Skid mount with high ground clearance
- Side discharge pipes for easy pipe connections
- Heavy duty Rugged Construction
- Anti corrosive primer and scratch resistant paint
- Stainless Steel or hardened steel parts available
- Standard Deutz German Engine

Applications

- Pipeline Pumping
- Jetting
- Construction
- Environmental
- Industrial
- Clear Water

Model	Suction (mm)	Delivery (mm)	Maximum Head (m)	Maximum Flow (m ³ /hr)
DP150H	150	150	80	450
DP200H	250	200	115	600
DP300H	300	300	70	1400

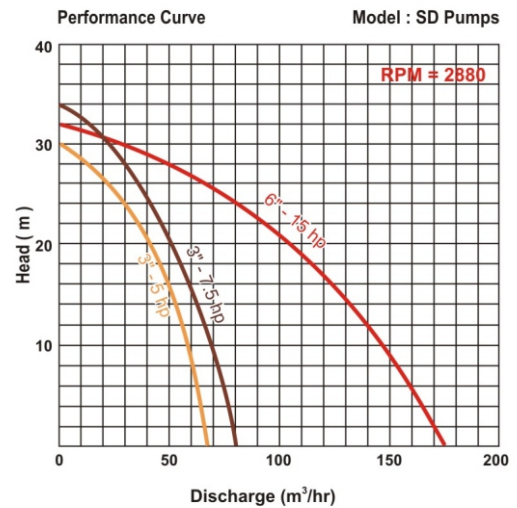


SD Submersible Pumps

– A Proven workhorse

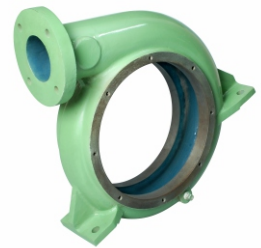
The SD range of submersible dewatering pumps have proven themselves to be extremely durable and reliable under tough field conditions. Their very long work life and easy maintenance mean that you can rely on them for your toughest jobs.

They are completely constructed with investment cast Stainless Steel for durability. These pumps are available in 50Hz and 60Hz models.



Spares

We provide spares for all VEGO pump products. With our established manufacturing unit, the turnaround time is very fast. The customer can rest assured that the same high quality standards that apply to our pumps apply to our spares as well.



Accessories

We supply connectors to our pumps and all wellpoint accessories including

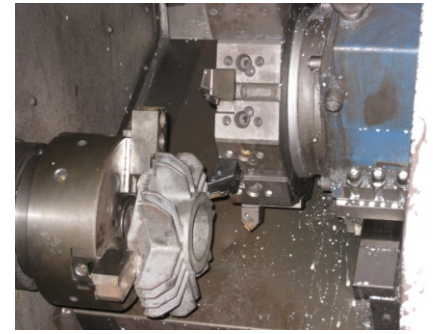
- Galvanized Steel Header Pipes
- Joints
- Couplings
- Wellpoints, etc.,



Manufacturing Capabilities

With our established manufacturing unit, we can ensure timely delivery of pumps and spare parts to our customers. Our advantages include:

- Captive foundry
- Large machine shop
- Trained personnel experienced in pump manufacturing
- Excellent relationship with vendors including engine vendors



Quality

Over the years, Vego pumps' products have developed a reputation for quality and reliability. Our well established quality control program ensures that products are thoroughly inspected and tested. Every pump, priming tank and diesel tank is hydro tested to ensure zero leak. Our state of the art testing lab is equipped to test pumps up to 2500m³/hr flow capacity. Every pump is tested to ensure conformance to our performance criteria.

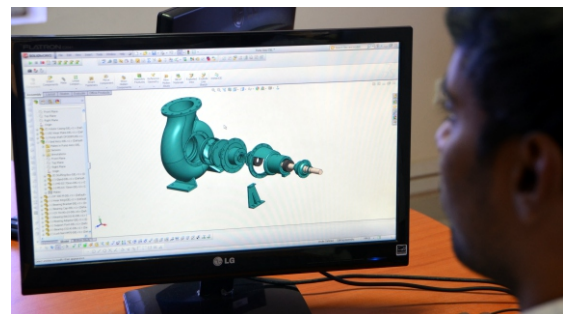
Our razor sharp focus on quality allows our customers to depend on our products for their toughest jobs.

Product Engineering

Vego pumps is committed to continuous improvement of our products. We use the latest CAD-CAM technology to design and develop new products and computational Fluid Dynamics (CFD) to analyze our designs. Our engineering team employs full time engineers to focus on developing better solutions.

Custom pump design/fabrication work can be done with co-ordinated effort of our engineering and fabrication teams.

Our Research and Development team is always looking for new and better solutions to our customers needs. We welcome any opportunity to liaise directly with our clients to customize our products.





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