STANDARD MACHINERY

PRODUCT DATASHEET

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Hydromatic S6 Submersible Sewage Pump 30 HP (22 kW) – 6 Inch Flanged, 460 V, Assembled in USA, Imported, Refurbished & Tested

HYDROMATIC PUMPS

SKU
SM-SUB-HYD-S6-30HP

CATEGORY
Industrial Pumps

● In Stock

PRICE (USD)

$1,900.00 ~~$2,599.00~~

* Prices are exclusive of GST and subject to change without notice.

Chat on WhatsApp

Use WhatsApp for pricing and availability with the product details pre-filled.

- ✓ Genuine Hydromatic S6 series submersible sewage pump, assembled in USA
- ✓ 30 HP (approx. 22 kW) motor, 460 V, 3 phase, 60 Hz
- ✓ 1750 RPM slow-speed design with 10.5 inch impeller
- ✓ 6 inch flanged discharge on heavy cast iron volute
- ✓ High flow, up to approx. 4.75 lakh LPH
- ✓ Approx. maximum head 25 m
- ✓ Brass lifting bail for safe handling
- ✓ Imported, refurbished and tested before dispatch

Technical Specifications

Manufacturer	Hydromatic Pumps
SKU	SM-SUB-HYD-S6-30HP
Series	S6
Product Type	Submersible Sewage Pump
Origin	Assembled in USA

Condition	Imported, Refurbished & Tested
Motor Power	30 HP
Motor Power	22 Kw
Voltage	460 V
Phase	3 Phase
Frequency	50/60 Hz
Service Factor Current	48.1 A
Speed (60 Hz)	1750 RPM
Speed (50 Hz, approx.)	1440 RPM
Approx. Max Head	25 M
Approx. Max Flow	4.75 Lakh LPH
Volute	Cast Iron

Product Description

Hydromatic S6 Submersible Sewage Pump – 30 HP (22 kW), 6 Inch Flanged

This is an **imported Hydromatic submersible sewage pump** from the **S6 series**, built by Hydromatic Pumps of Ashland, Ohio and **assembled in the USA**. It has a **30 HP (approx. 22 kW)** motor rated **460 V, 3 phase, 60 Hz, 1750 RPM**, a **10.5 inch impeller** and a heavy cast iron volute with a **6 inch flanged discharge**. It is supplied by Standard Machinery in **Imported, Refurbished & Tested** condition.

Hydromatic solids-handling pumps are widely used in municipal lift stations and wastewater plants. The slower motor speed and large impeller of this unit suit high-volume transfer of raw sewage and wastewater at moderate head, with less wear than high-speed pumps when handling solids and grit.

Key Specifications

- **Brand / series:** Hydromatic S6 series, Hydromatic Pumps, Ashland, OH
- **Type:** Submersible sewage / solids-handling pump
- **Origin:** Assembled in USA
- **Motor power:** 30 HP (approx. 22 kW)
- **Supply (nameplate):** 460 V, 3 phase, 60 Hz
- **Speed:** 1750 RPM at 60 Hz (approx. 1440–1460 RPM on 50 Hz)
- **Service factor current:** 48.1 A
- **Impeller diameter:** 10.50 inch (approx. 267 mm)
- **Discharge:** 6 inch flanged
- **Approx. maximum head:** 25 m (approx. 82 ft)
- **Approx. maximum flow:** 4.75 lakh LPH (approx. 475 m^3/hr / 2,090 US GPM)
- **Handling:** Brass lifting bail
- **Condition:** Imported, Refurbished & Tested

Head and flow are approximate maximums and occur at different points on the pump curve, not at the same time. Actual output depends on your pipeline and static lift.

Applications

- Municipal sewage lift and pumping stations
- Sewage and effluent treatment plant inlet and transfer pumping
- Industrial wastewater sumps
- Storm water and flood drainage stations
- Township, hospital and campus sewage networks
- High-volume wastewater transfer at moderate head

Industries Served

- Municipal corporations and water boards
- STP and ETP operators and contractors
- Food, textile, paper and process industries
- Real estate townships and large buildings
- Infrastructure and drainage contractors
- Ports and industrial estates

Why Buy from Standard Machinery

- **USA-assembled Hydromatic pump:** Original Hydromatic nameplate
- **Slow-speed, large impeller design:** Suited to sewage solids and long service life
- **Imported industrial equipment:** Sourced from the Alang Ship Breaking Yard and refurbished in Bhavnagar, Gujarat
- **Tested before dispatch:** Each pump is checked and run before it leaves our facility
- **Experience since 2008:** Supplying pumps, motors, winches and electrical panels to industrial buyers
- **Pan-India and export supply:** Dispatch across India and to buyers in Africa, the Middle East and Southeast Asia

Voltage & Power Note

The nameplate rates this pump **460 V, 60 Hz**. It is a direct match for 440–460 V, 60 Hz supplies used in the USA, on ships and in several export markets.

On an Indian **415 V, 50 Hz** supply, the pump runs at about 1440–1460 RPM, roughly 17% slower than its 60 Hz speed, with correspondingly lower head and flow. Running current should be checked on test. For full 60 Hz performance, use a **VFD set to 60 Hz output**. A 30 HP motor needs a soft starter, star-delta starter or VFD, with overload, phase-failure and earth protection.

The nameplate states that **motor protection must be provided by the installer**. Connect the pump's thermal and seal protection (if fitted) to a suitable relay in the control panel.

Safety Note

- This refurbished unit is **not offered as explosion-proof**; hazardous locations require a suitably certified pump
- For sewage and wastewater; **not for oil, fuel, solvents or flammable liquids**
- The nameplate states the pump has not been investigated for swimming pool or marine areas
- Disconnect power before servicing; installation and service by qualified persons only
- Lift only by the lifting bail using rated lifting gear, never by the power cable

Maintenance Tips

- Check seal chamber oil and seal-fail alarms at regular intervals
- Inspect the impeller and volute for wear or ragging
- Check motor insulation resistance before installation
- Inspect the power cable and cable entry for damage
- Remove rags and debris from the wet well to reduce clogging

- Check running current against the nameplate after installation

Frequently Asked Questions

What are the ratings of this Hydromatic pump?

The nameplate shows 30 HP, 460 V, 3 phase, 60 Hz, 1750 RPM, 48.1 A service factor current and a 10.50 inch impeller. It was assembled in the USA.

What is the discharge size?

It has a 6 inch flanged discharge on a cast iron volute.

How much flow and head does it give?

Approximate maximums are 4.75 lakh LPH flow and 25 m head. These occur at different points on the pump curve; your actual duty point depends on the pipeline.

Will it run on Indian 50 Hz supply?

Yes, on 3 phase. It runs at about 1440–1460 RPM on 50 Hz, with lower head and flow than at 60 Hz. A VFD set to 60 Hz output gives full performance.

Is this pump suitable for raw sewage?

Yes. It is a submersible sewage, solids-handling pump designed for raw sewage and wastewater.

Do you export?

Yes. Standard Machinery supplies across India and exports to Africa, the Middle East and Southeast Asia. Contact us for export packing and shipping details.

Need a high-flow Hydromatic sewage pump for a lift station or STP? Contact Standard Machinery, Bhavnagar, Gujarat, at +91 88 6666 9293 / +91 73837 39400 or info@standardmachinery.store for price, photos and availability.

Compatibility

- Power supply: 460 V, 3 phase, 60 Hz (nameplate)
- Indian 415 V, 50 Hz: runs approx. 1440–1460 RPM with reduced head and flow; VFD at 60 Hz output for full performance
- Starter: Soft starter, star-delta starter or VFD rated for 30 HP
- Protection: Overload, phase-failure and earth protection; motor protection to be provided by installer
- Discharge: 6 inch flange; suits matching flange, duckfoot bend or guide-rail system
- Liquid: Raw sewage and wastewater
- Not suitable for: Oil, fuel, solvents, flammable liquids or hazardous locations

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