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Werner 6 inch 4-Cylinder Suction Trailer



100% SA BUILT

All details at a glance

High-Volume • Heavy-Duty • Rapid Self-Priming

The Werner 6-Inch 4-Cylinder Suction Trailer is engineered for high-volume water and sewage transfer, delivering exceptional flow rates from 2 084 to 4 167 L/min.

Powered by a robust 4-cylinder Kirloskar air-cooled diesel engine, coupled to the legendary SP6 Self-Priming Non-Clogging Sewage Pump, this trailer-mounted system provides reliable, continuous-duty performance for municipal, industrial, agricultural, and construction operations.

Designed and manufactured in South Africa for harsh African conditions, this unit features a heavy-duty chassis, industrial control system, and high-capacity suction performance, making it one of the strongest and most dependable portable pump trailers in its class.

- Heavy-Duty Diesel Tank
- 4-Cylinder Kirloskar Air-Cooled Engine
- SP6 Self-Priming Sewage Pump
- Side-Mounted Control Panel
- Robust Steel Trailer Chassis
- High-Visibility Strobe Light
- Heavy-Duty Mudguards & Lighting

The image layout on page 2 shows the pump, engine, diesel tank, control panel, and fully assembled trailer, highlighting the robust construction and industrial finish.









Technical Specifications and Equipment

Trailer Features (see Fig. 1 and 2)

Dimensions (L x B x H): 3620 x 2005 x 1900 mm

RPM range:750 - 1450 rpm

Flow rate: 2084 - 4167 L/min

Power range: 5 - 30 kW

- 4-Cylinder Kirloskar Air-Cooled Engine (Fig. 4)
- Known for durability, fuel efficiency, and long-life performance.
- SP6 Self-Priming Non-Clogging Sewage Pump (Fig. 3)
- 6-inch (150 mm) inlet and outlet
- Built for high solids handling and continuous-duty pumping
- Heavy-duty diesel tank
- Industrial-grade steel trailer frame
- LED lighting and reflectors
- Adjustable jockey wheel
- Tow-ready multi-hole drawbar

Control System

- Central Control Panel featuring:
  - Low-water cut-off switch
  - Regulator control valve
  - Start/stop and system indicators

Application

- Engineered to pump non-flammable, non-explosive liquids

- Municipal & Civil
  - Rainwater
  - Stormwater
  - Common sewage
  - Residential sewage discharge
  - Water-treatment plant effluent

- Industrial Use
  - Light industrial sewage
  - Paper mills
  - Textile & clothing factories
  - Food processing plants
  - Chemical manufacturing
  - Electrical utility waste
  - Mining wastewater

- Agricultural & Commercial
  - Tanning and slaughterhouse effluent
  - Fish-breeding wastewater
  - Sugar & wine industry waste streams

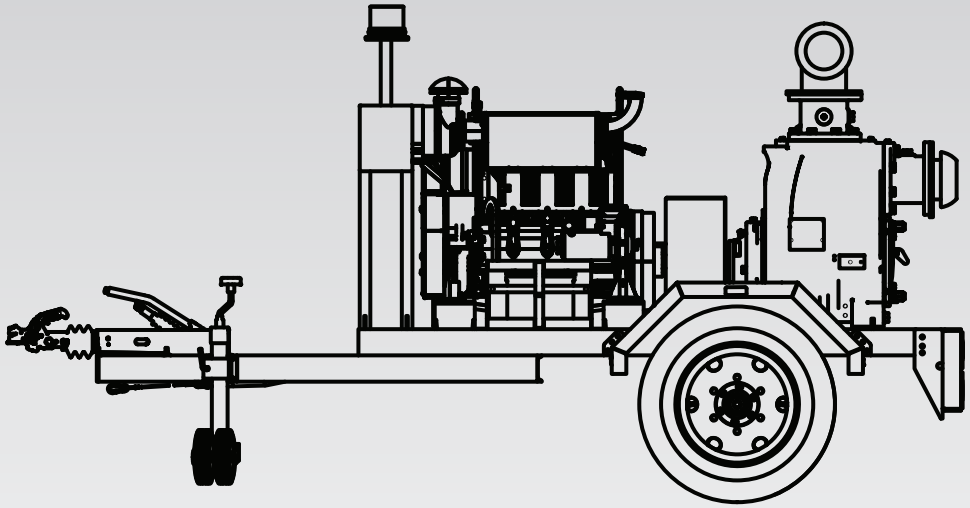
- Designed to handle seriously polluted sewage that is not strongly corrosive.

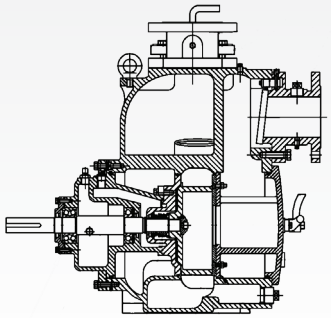
Established 88

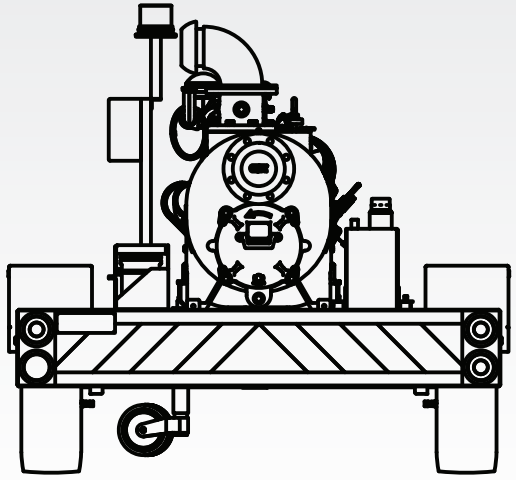
Technical Specifications and Equipment

Advantages

- Exceptional Flow Capability
  - Up to 4 167 L/min, ideal for large-volume transfer and emergency pumping.
- Self-Priming, Non-Clogging Pump
  - Reliable sewage handling even with high solids content.
- Fully Mobile Trailer System
  - Road-towable, robust, and quick to deploy.
- Heavy-Duty Engineering
  - Built to withstand industrial abuse and harsh environments.
- Simple Operation & Maintenance
  - Side-mounted control panel and back-pull-out pump design simplify service.
- 100% South African Built
  - High-quality local manufacturing, parts availability, and after-sales support.







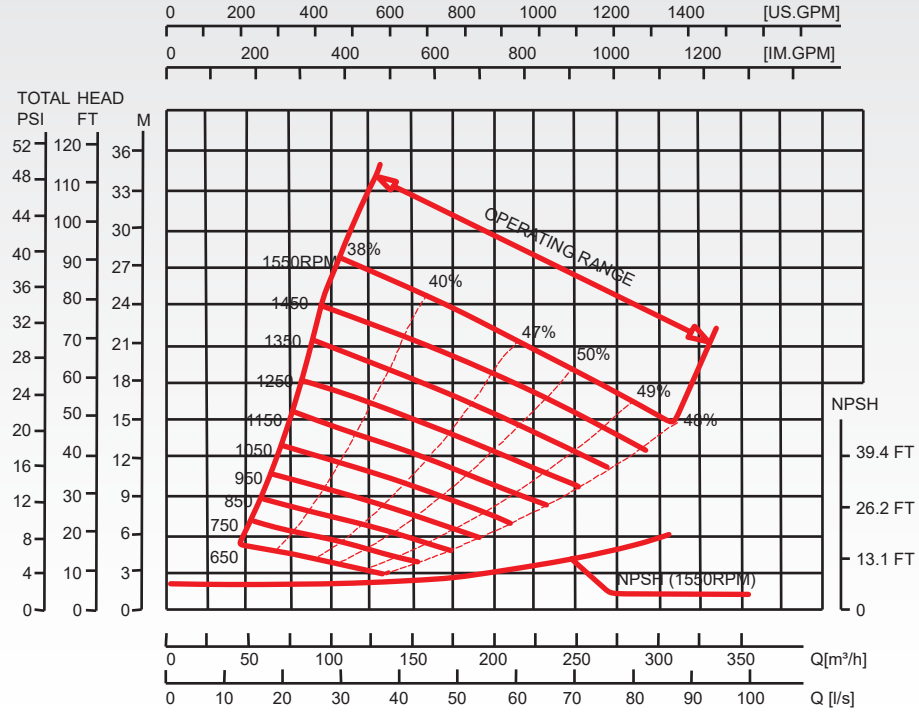
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TECHNICAL SPECIFICATIONS AND EQUIPMENT

Vacuum System

- The SP6 self-priming pump is widely known as:
  "The King of Self-Priming Sewage Pumps."
  Key Features:
  - Stable operation and reliable long-term performance
  - Rapid self-priming, even from deep suction lifts
  - High suction head capability
  - Back-pull-out construction for easy maintenance
  - Semi-open impeller design for superior solids handling
  - Non-clogging flow path for uninterrupted pumping

Performance Curve



Performance Table

Model	RPM	Q		H	Motor		Inlet & Outlet	Max.Solids (mm)	Max. Suction Head (m)
		(m³/h)	(l/s)	(m)	(kW)	(HP)			
SP-6	650	100	27.8	3.5	3	4	150 (6")	76	2.4
	750*	125	34.7	4.5	4	5.5			2.7
	850	150	41.7	5.5	7.5	10			3.6
	950*	160	44.4	7.5	7.5	10			4.2
	1050	180	50.0	9.0	11	15			5.5
	1150	200	55.6	10.0	15	20			6.4
	1250	220	61.1	12.5	22	30			6.4
	1350	230	63.9	15.0	30	40			6.7
	1450	250	69.4	17.0	30	40			7.0
	1550	280	77.8	18.0	37	50			7.6

Operating Table

Model	RPM	Q (m³/h)	50	80	120	150	180	210	240	270	300
SP-6	650	H (m)	5.0	4.2	3.1						
	750*			6.0	4.7	3.6					
	850			8.0	7.0	5.5*					
	950*			11.0	9.5	7.5	6.8				
	1050			13.0	11.0	10.0	9.0	7.5			
	1150			16.0	14.0	12.8	11.2	10.0	8.0		
	1250				17.0	15.5	14.0	12.7	10.5		
	1350				20.5	19.0	17.5	15.5	14.0	12.0	
	1450*				24.0	22.0	21.0	19.0	17.0	15.0	13.0
	1550				28.0	26.0	24.5	22.7	20.5	18.5	16.5

Get in touch

For premium-quality water transfer and sewage-pumping solutions, contact Werner South Africa Pumps & Equipment (Pty) Ltd — delivering unmatched service, expertise, and locally manufactured reliability since 1988.

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SHEQ NATIONAL CERT
Certified: ISO 9001 · ISO 14001

100% SA BUILT

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