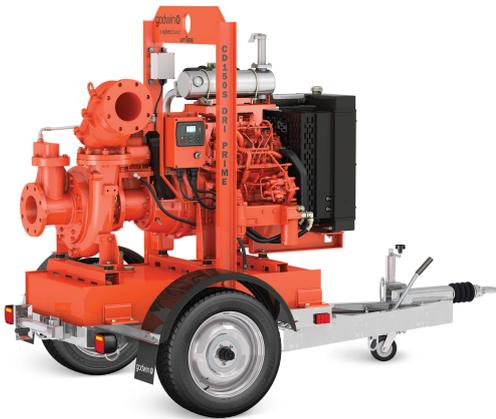


Godwin CD150S Dri-Prime® Pump



The Godwin CD150S Dri-Prime pump is a versatile, general purpose dewatering pump designed for use in the industry's most challenging construction, municipal, industrial and emergency response applications. This rugged pump is ideally suited for tough dewatering jobs, and is the reliable choice for rental solutions.

The CD150S is a member of the Godwin S Series of Smart pumps, equipped with a new generation of Field Smart Technology (FST) for remote monitoring and control. In addition to improved hydraulic efficiency, greater fuel economy, and streamlined serviceability, the CD150S impeller is interchangeable with a Flygt N-Technology non-clog impeller, providing the flexibility to tackle stringy, modern wastewater applications with the same pump.

Specifications

Suction connection	150 mm (6 in) flange
Delivery connection	150 mm (6 in) flange
Max capacity	520 m ³ /hr (2,289 USGPM) ¹
Max impeller diameter	301 mm (11 7/8 in)
Max solids handling	75 mm (3 in)
Max operating temperature	80°C (176°F) ²
Max pressure	6.3 bar (91 psi)
Max suction pressure	4.0 bar (58 psi)
Max casing pressure	9.5 bar (138 psi)
Max operating speed	2200 rpm

¹ Larger diameter pipes may be required for maximum flows.

² Please contact our sales and product support for applications in excess of 80°C (176°F).

Features and benefits

- Interchangeable impellers to tackle a full range of solids handling applications.
- Field Smart Technology (FST) allows the user to monitor & control the pump from anywhere in the world.
- New compressor belt tensioner reduces time to change and adjust belt to approximately 30 minutes.
- New sight glass and measuring stick added to monitor mechanical seal oil level and quality.
- Improved hydraulic design reduces vibration, maximizes efficiency and fuel economy.
- Fully automatic priming from dry to 8.5 m (28 ft).
- Venturi priming requires no adjustment or control.
- Available as Open Skidbase or Sound Attenuated Enclosure, both of which can be trailer mounted.
- Standard engines are compliant with regional emissions legislation.
- Other engine options available.
- Environmentally friendly skid base, that contains fluid spills, comes as standard.

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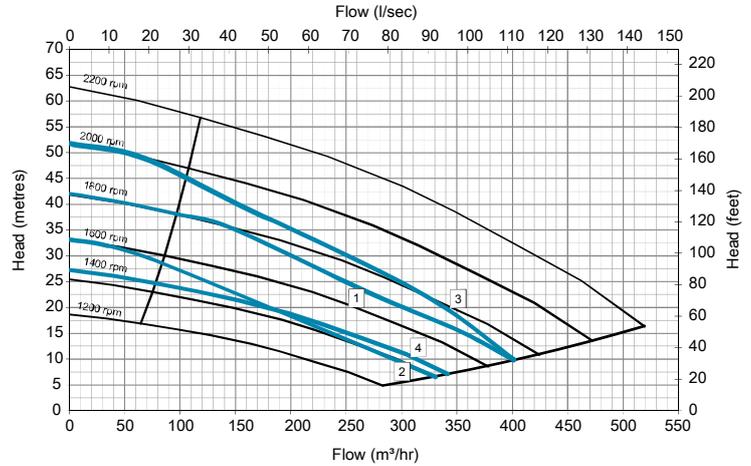
Suction lift table 1800 rpm

Performance data provided in tables is based on water tests at sea level and 20°C (68°F) ambient.

Total suction head (metre)	Total delivery head (metre)				
	9	13	17	21	25
	Output (m ³ /hr)				
3.0	421	389	346	299	259
4.6	407	374	328	284	241
6.1	396	356	310	266	212
7.6	382	324	284	241	187

Performance curve

Pump curve is based on 0 m (0 ft) dynamic suction lift.

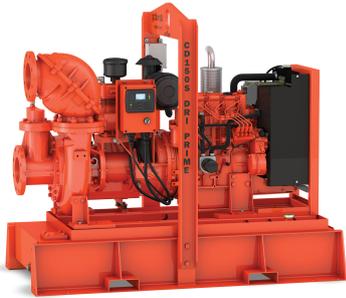


Materials

Pump casing	Cast Iron BS EN 1561/EN-JL1030
Wearplates	Cast Iron BS1561:1997
Pump shaft	Carbon steel BS970:1991 817M40T
Impeller	Cast Steel BS3100 A5 Hardness to 200 HB Brinell
Mechanical seal faces	Silicon carbide Vs Silicon carbide

Driver options

Option	Driver	Power kW (hp)	Fuel / Energy Use 1800 rpm	Emissions Rating
1	Hatz 3H50TICD	44 (59)	8.2 L/hr	EU Stage 5
2	Perkins 403J-E17T	33.5 (45)	6.9 L/hr	EU Stage 5
3	Perkins 404D-22T	46 (62)	9.1 L/hr	EU Stage 3A
4	Electric	30 (40)	37.5 A	IE 3



Open skidbase

Information provided is based on the Perkins 404D-22T.

Fuel capacity	140 L (37 US Gal)
Weight dry	1,245 kg (2,745 lb)
Weight wet	1,390 kg (3,065 lb)
Dimensions (L x W x H)	1,800 mm x 1,000 mm x 1,900 mm (71 in x 39 in x 75 in)

Sound attenuated enclosure

Information provided is based on the Perkins 404D-22T.

Noise @ 23 ft (7 m)	63 dBA
Fuel capacity	195 L (52 US Gal)
Weight dry	1,450 kg (3,200 lb)
Weight wet	1,650 kg (3,640 lb)
Dimensions (L x W x H)	2,450 mm x 940 mm x 1,870 mm (96 in x 37 in x 74 in)