

Godwin CD150S Dri-Prime® Pump



Specifications

Suction connection	6 in (150 mm) flange
Delivery connection	6 in (150 mm) flange
Max capacity	2290 USGPM (520 m ³ /hr) ¹
Max impeller diameter	11.8 in (300 mm)
Max solids handling	3 in (75 mm)
Max operating temperature	176°F (80°C) ²
Max pressure	91 psi (6.3 bar)
Max suction pressure	58 psi (4.0 bar)
Max casing pressure	138 psi (9.5 bar)
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).

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.

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 level and quality of mechanical seal oil.
- Improved hydraulic design reduces vibration, maximizes efficiency and fuel economy.
- Diesel Oxidative Catalyst (DOC) technology maximizes available power from diesel engine, and reduces maintenance and downtime.
- Fully automatic priming from dry to 28 ft (8.5 m).
- Venturi priming requires no adjustment or control.
- Available as Open Set or Sound Attenuated Enclosure.
- Standard build engine 4LE2X (EPA Final Tier 4).
- Other engine options available.
- Optional environmentally friendly skid base contains all fluid spills.

Godwin CD150S Dri-Prime® Pump



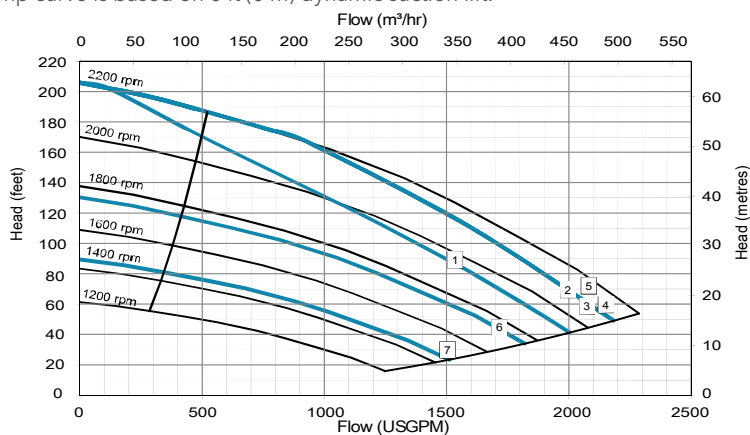
Suction lift table 1800 rpm

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

Total suction head (ft)	Total delivery head (ft)				
	30	43	56	69	82
	Output (USGPM)				
10	1852	1710	1520	1314	1140
15	1789	1646	1441	1251	1061
20	1741	1567	1361	1172	934
25	1678	1425	1251	1061	823

Performance curve

Pump curve is based on 0 ft (0 m) 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 hp (kW)	Energy Use 1800 rpm	Emissions Rating
1	Isuzu 4LE2X	60 (44.8)	2.6 US Gal/hr	EPA FT4
2	JCB TCAE-55	74 (55.2)	3.49 US Gal/hr	EPA FT4
3	John Deere 4045TFC03	74 (55.2)	3.73 US Gal/hr	EPA FT4
4	John Deere 4045T290	74 (57.8)	3.63 US Gal/hr	EPA iT4
5	CAT C4.4M-T	77.5 (57.8)	3.75 US Gal/hr	EPA T3
6	Electric Motor, 4 Pole, 60 Hz	50 (37.3)	59.2 A @ 460V	-
7	Electric Motor, 4 Pole, 50 Hz	40 (29.8)	47.1 A @ 460V	-

Open skidbase trailer mounted

Fuel capacity	60 US Gal (227 L)
Weight dry	2,750 lb (1,250 kg)
Weight wet	3,170 lb (1,440 kg)
Dimensions (L x W x H)	119 in x 66 in x 87 in (3,023 mm x 1,676 mm x 2,210 mm)

Sound attenuated enclosure

Noise @ 7 m (23 ft)	66 dBA
Fuel capacity	80 US Gal (303 L)
Weight dry	3,100 lb (1,410 kg)
Weight wet	3,680 lb (1,670 kg)
Dimensions (L x W x H)	101 in x 43 in x 70 in (2,565 mm x 1,092 mm x 1,778 mm)

