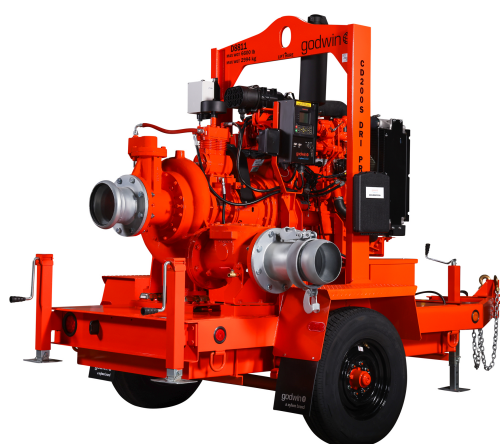


Godwin CD200S Dri-Prime® Pump



The Godwin CD200S 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.

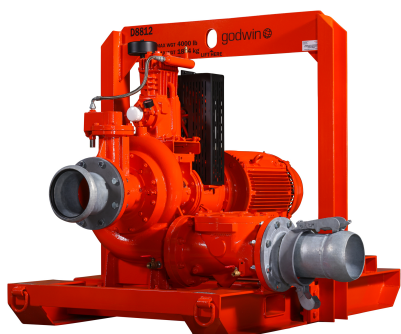
The CD200S is a member of the Godwin S Series of Smart pumps, equipped with a new generation of Field Smart Technology for remote monitoring and control. In addition to improved hydraulic efficiency, greater fuel economy, and streamlined serviceability, the CD200S impeller is interchangeable with a Flygt N-Technology non-clog impeller, providing the flexibility to tackle stringy, modern wastewater applications with the same pump.

Specifications

Suction connection	8 in (200 mm) flange
Discharge connection	8 in (200 mm) flange
Max flow	2,642 US gpm (600 m ³ /h) ¹
Max impeller diameter	12.6 in (320 mm)
Max solids handling	3 in (75 mm)
Max operating temperature	176°F (80°C) ²
Max Allowable Working Pressure (MAWP)	86 psi (5.9 bar)
Max suction pressure	58 psi (4.0 bar)
Max operating speed	2000 rpm

¹ Larger diameter pipes may be required for maximum flow.

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



Features and benefits

- Interchangeable impellers to tackle a full range of solids handling applications.
- Field Smart Technology 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 28 ft (8.5 m).
- 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.
- Electric motor options are available for fixed and variable speed operations.
- Environmentally friendly skid base, that contains fluid spills, comes as standards.

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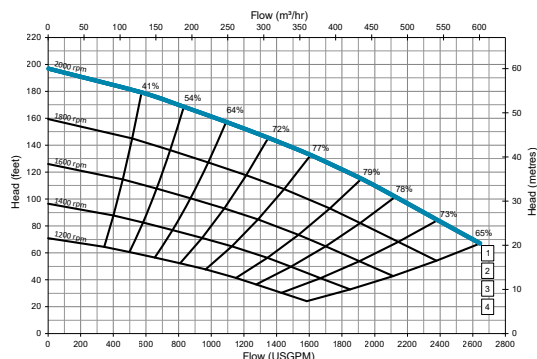
Suction lift table 1800 rpm

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

Total suction head (ft)	Total discharge head (ft)				
	49	65.5	82	98.5	118
	Output (US gpm)				
9.8	2320	2065	1766	1413	964
15.1	2259	1968	1686	1347	889
20	2135	1876	1550	1176	731
24.9	1748	1523	1224	832	484

Performance curve

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



Materials

Pump casing	Ductile Iron
Wearplates	Front - Cast Iron Rear - Cast Iron
Pump shaft	Carbon Steel
Impeller	Cast Steel
Mechanical seal faces	SiC Vs SiC

Driver options

Option	Driver	Power hp (kW) @ rpm	Fuel usage at power shown	Rating standard
1	JCB TCAE-55	74 (55) @ 2000	3.8 US gph	EPA Tier 4 Final
2	John Deere 4045TI530	74 (55) @ 2000	4.4 US gph	EPA Tier 4 Final
3	John Deere 4045T290	72 (54) @ 2000	4.4 US gph	EPA Interim Tier 4
4	Electric Motor	74 (55) @ 2000	-	NEMA Premium Eff.

Open skidbase

Motor details	NEMA Premium Efficiency 75 hp
Noise @ 30 ft (9 m)	70 dBA
Voltage / Frequency / Phase	460 V / 60 Hz / 3 Phase
Full load current	84 A
Weight	3,900 lb (1,773 kg)
Dimensions (L x W x H)	80 x 57 x 62 in (2,032 x 1,448 x 1,575 mm)

Sound attenuated enclosure

	JCB TCAE-55
Emissions rating	EPA Tier 4 Final
Noise @ 30 ft (9 m)	69 dBA
Fuel capacity	100 US gal (378 L)
Weight dry	5,100 lb (2,318 kg)
Weight wet	5,810 lb (2,641 kg)
Dimensions (L x W x H)	100 x 62 x 82 in (2,540 x 1,575 x 2,083 mm)

