

# 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 CD impeller is now 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	6 in (150 mm) flange
Delivery connection	6 in (150 mm) flange
Max capacity	2290 USGPM (520 m <sup>3</sup> /hr) †
Max impeller diameter	11.8 in (300 mm)
Max solids handling	3 in (75 mm)
Max operating temp	176 °F (80°C) *
Max working pressure	91 psi (6.3 bar)
Max suction pressure	58 psi (4 bar)
Max casing pressure	138 psi (9.5 bar)
Max operating speed	2200 rpm

\* Please contact our office for applications in excess of 80°C (176°F).  
† Larger diameter pipes may be required for maximum flows.

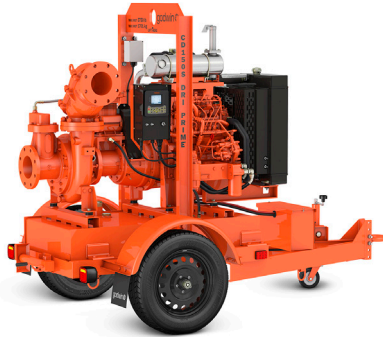
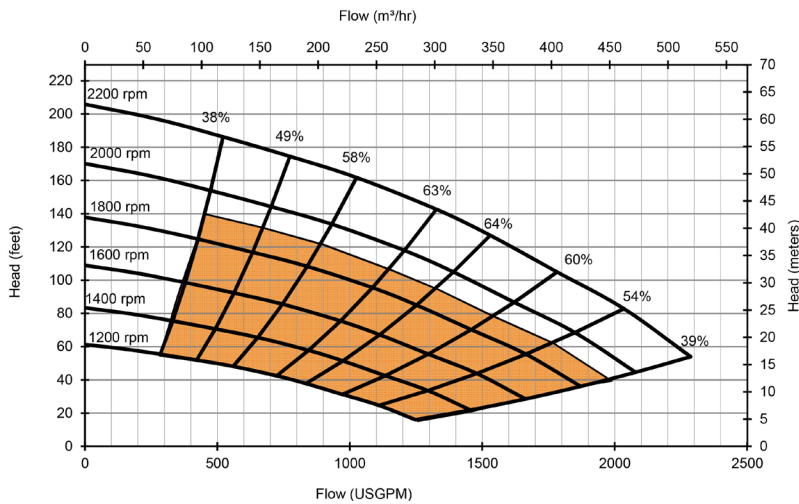
## Features and benefits

- 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 feet (8.5 m).
- Venturi priming requires no adjustment or control.
- Available as open set or Sound Attenuated Enclosure.
- Standard build engine Isuzu 4LE2X (EPA Final Tier 4).
- Other engine options available.
- Optional environmentally friendly skid base contains all fluid spills.

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## Performance curve

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



## Suction lift table 1800 rpm

Performance data provided in tables is based on water tests at sea level and 20°C (68°F) ambient. All information is approximate and for general guidance only. Please contact the factory or office for further details.

Total suction Head (feet)	Total Delivery Head (feet)				
	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

## Open trailer

Fuel capacity 60 US Gal (227 liters)

Weight dry 2750 lb (1250 kg)

Weight wet 3170 lb (1440 kg)

Dimensions L 119 in x W 66 in x H 87 in  
(L 3023 mm x W 1676 mm x H 2210 mm)

## Sound attenuated enclosure

Noise @ 23 ft (7m) 66 db(A)

Fuel capacity 80 US Gal (303 liters)

Weight dry 3100 lb (1410 kg)

Weight wet 3680 lb (1670 kg)

Dimensions L 101 in x W 43 in x H 70 in  
(L 2565 mm x W 1092 mm x H 1778 mm)

## 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

## Engine

Engine Isuzu 4LE2X

Engine power 62 hp (46.2 kW) max engine rating

Emissions standard EPA Final Tier 4

Fuel consumption @ 1800 rpm 2.6 USGal/hr (10 l/hr)

Please contact the factory or office for further details. A typical picture of the pump is shown. All information is approximate and for general guidance only.



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