

# Godwin SD150M Dri-Prime® Pump



The Godwin SD150M 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 SD150M is a member of the Godwin Standard Dewatering Series - the same Godwin quality at an affordable price. The SD150M has been engineered to meet your standard dewatering needs with mechanical efficiencies and durability. Ready to go at a moments notice with the iconic Godwin Dri-Prime and dry-running oil bath mechanical seal. The SD150M can be deployed in your toughest applications on an as needed basis.

## 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) <sup>1</sup>
Max impeller diameter	10.4 in (265 mm)
Max solids handling	3 in (75 mm)
Max operating temperature	176°F (80°C) <sup>2</sup>
Max pressure	60 psi (4.1 bar)
Max suction pressure	58 psi (4.0 bar)
Max casing pressure	138 psi (9.5 bar)
Max operating speed	2200 rpm

<sup>1</sup> Larger diameter pipes may be required for maximum flows.

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

## Features and benefits

- Simple maintenance normally limited to checking fluid levels and filters.
- Godwin Dri-Prime is a continuously operated venturi air ejector priming device which requires no periodic adjustment or control. Optional compressor clutch available.
- Extensive application flexibility. It will handle sewage, slurries and liquids with solids up to 3 in (75 mm) in diameter.
- Dry-running high pressure oil bath mechanical seal, with high abrasion resistant silicon carbide faces.
- A close-coupled centrifugal pump with Godwin Dri-Prime system mounted to a diesel engine.
- All cast iron construction with cast steel impeller.
- Standard engine Isuzu 4LE2T (FT4) 48HP.

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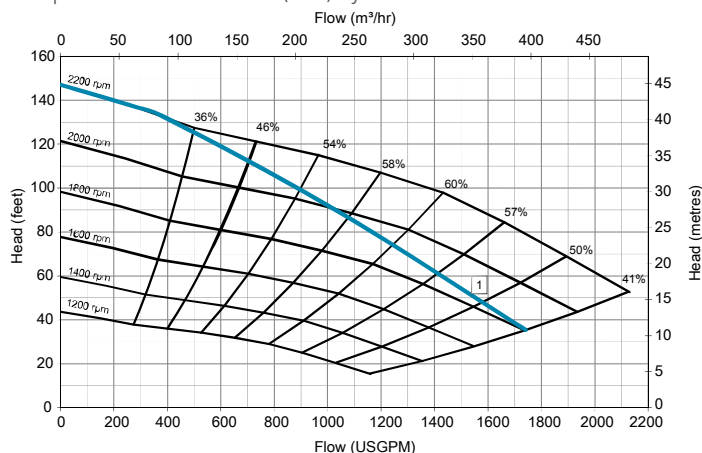
## Suction lift table 1800 rpm

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

Total suction head (ft)	Total delivery head (ft)				
	17	26	37	48	71
	Output (USGPM)				
10	1689	1650	1614	1464	1050
15	1593	1500	1407	1218	900
20	1125	1125	1125	1032	657
25	975	939	864	750	375

## Performance curve

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



## Materials

Pump casing	Cast iron BS EN 1561 - 1997
Pump shaft	Carbon steel BS970:1991 817M40T
Impeller	Cast Steel BS3100 A5 Hardness to 200 HB Brinell
Mechanical seal faces	Silicon carbide face; Viton elastomers; Stainless steel body

## Driver options

Option	Driver	Power hp (kW)	Energy Use 1800 rpm	Emissions Rating
1	Isuzu 4LE2T	48.3 (36)	2.6 US Gal/hr	EPA FT4



## Open skidbase trailer mounted

Fuel capacity	60 US Gal (227 L)
Weight dry	2,655 lb (1,204 kg)
Weight wet	3,090 lb (1,402 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)