



Godwin BD Series

Godwin BD150 Self-Priming Pumps

THE AFFORDABLE HIGH PERFORMANCE SOLUTION

Emerging Markets Innovations from a Global Leader

Nothing handles dewatering challenges like our classic Godwin pumps. Now the global leader is ready to tackle the ever-changing demands of Emerging Markets with a new innovation.

This is the Godwin BD150 Dri-Prime® Pump, the newly developed regional champion by Godwin for construction, industrial, and utility dewatering for Emerging Markets. We've re-engineered and redesigned every system to deliver a pump that's more efficient, cost effective, and more reliable for the region's specific needs.


DESIGNED TO SERVE ALL YOUR DEWATERING JOBS

It's reliable. It's versatile. It's ready to tackle the toughest dewatering jobs at your local sites. And support from Godwin is never far from where you are.

- ▶ **2 Pumps in 1**
Interchangeable application-specific impellers
- ▶ **Improved Hydraulic Performance**
Delivers up to 15% improved fuel economy
- ▶ **Fully automatic priming**
From dry to 8.5 m suction lift
- ▶ **Two self-priming options**
Vacuum or venturi priming
- ▶ **Innovative simple construction**
Ease of handling and service
- ▶ **Robust and corrosion resistant**
Longer product life





godwin 
a xylem brand

godwin 

Applications



Municipal

- ▶ Sewer bypass
- ▶ Digester cleaning and sludge removal
- ▶ Emergency drainage of floodwaters



Construction & Tunneling

- ▶ Site drainage
- ▶ Stream diversions
- ▶ Wellpoint dewatering



Industrial

- ▶ Wastewater bypass
- ▶ Process pumping
- ▶ Temporary raw water supply



Marine

- ▶ Barge ballasting
- ▶ Jetting
- ▶ Cooling Media

Venturi vs Vacuum Priming



Venturi Prime

- ▶ Fully automatic priming from dry to a depth of 8.5 m
- ▶ Dry-running with abrasion resistant silicon carbide faces
- ▶ Good air handling capability – 9.8 CFM
- ▶ Compressed air travels through the Godwin venturi creating a vacuum by evacuating air from the pump body and suction hose
- ▶ No moving parts means reduced labour costs and reliable operation
- ▶ Re-priming automatically without user intervention
- ▶ Priming system works at multiple speeds
- ▶ Suitable for pumping applications with lower air handling requirements



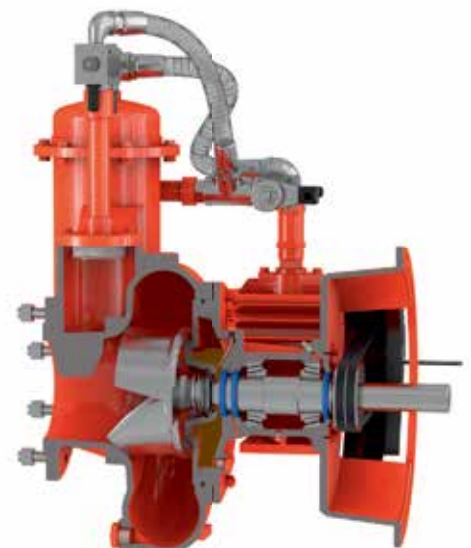
Vacuum Prime

- ▶ Fully automatic priming from dry to a depth of 8.5 m
- ▶ Dry-running with abrasion resistant silicon carbide faces
- ▶ Excellent air handling capability – 60 CFM
- ▶ Unique air water separation control system to isolate vacuum pump on priming by way of solenoid valves and liquid sensor
- ▶ Minimal moving parts in priming system for greater reliability
- ▶ Priming system equipped with scrubber tank to separate out moisture from air provides enhanced vacuum pump life
- ▶ Re-priming automatically without user intervention

Pump-end

Advanced engineering leads to improved efficiency and environmental protection:

- ▶ Fully automatic priming from dry to a depth of 8.5 m
- ▶ Two priming system options – Vac prime & Venturi
- ▶ Immersed high abrasion resistant silicon carbide mechanical seal faces for continuous dry running
- ▶ Standard construction: CI (SS internals available upon request)
- ▶ Interchangeable impellers – Two pumps in one
- ▶ Diesel and Electric drive options available



Built for all kinds of Dewatering Challenges

With streamlined serviceability and improved hydraulic efficiency, this pump is ready for anything.

Every system in the Godwin BD150 Dri-Prime Pump is designed with one goal in mind: handle anything a construction, water utility, or industrial dewatering job will throw at it. That includes solids like debris and mud **up to 75 mm in diameter.**

The ability to pump non-compressible solids, along with a host of new features that reduce wear-and-tear and increase uptime, means this pump is tough enough to earn your trust.

Cutting-edge engineering features lower total cost of ownership:

- ▶ Bare shaft made of corrosion resistant durable material
- ▶ High efficiency impeller for greater fuel economy
- ▶ Robust impeller, seal and bearings materials, consistent with the Godwin brand
- ▶ Product life >5 years
- ▶ Parts available regionally

>80% efficiency

minimum 8 hours running

BD150T

BD150C

75
50
25

75 mm Solids Capacity

Powers through water and whatever's hiding in it

- ▶ The Godwin BD150T Dri-Prime Pump easily handles debris bigger than a cricket ball.

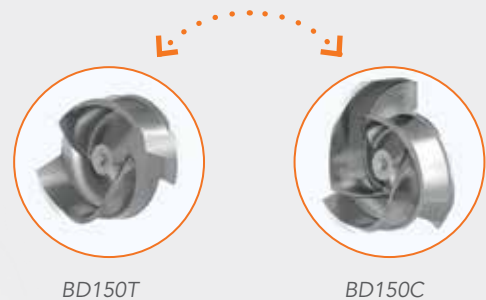


Ingeniously Versatile

With our interchangeable impellers it's like having 2 pumps in 1.

The Godwin BD150T might be one of the toughest industrial and dewatering pumps ever made. But it's also one simple impeller switch away from being one of the most efficient pumps we've made.

With the ability to interchange between our 2 bladed and more efficient 3 bladed impellers, it's like having two pumps in one: The BD150T for solids handling applications and the BD150C for clean water applications.



Versatile solution for your every need

Increased pump efficiency means greater performance while consuming less power and fuel. The improved hydraulic design also means less NPSHr and reduced chance of wear due to cavitation.

Market-leading configuration and component options:

- ▶ Diesel and Electric drive options
- ▶ Open skid base
- ▶ 4-wheel trolley

Xylem |'zīləm|

- 1) The tissue in plants that brings water upward from the roots;
- 2) a leading global water technology company.

We're a global team unified in a common purpose: creating advanced technology solutions to the world's water challenges. Developing new technologies that will improve the way water is used, conserved, and re-used in the future is central to our work. Our products and services move, treat, analyze, monitor and return water to the environment, in public utility, industrial, residential and commercial building services settings. Xylem also provides a leading portfolio of smart metering, network technologies and advanced analytics solutions for water, electric and gas utilities. In more than 150 countries, we have strong, long-standing relationships with customers who know us for our powerful combination of leading product brands and applications expertise with a strong focus on developing comprehensive, sustainable solutions.

For more information on how Xylem can help you, go to www.xylem.com



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