

# Godwin S Series Godwin NC150S Dri-Prime® Pump

OUTSMART WATER ANYTIME, ANYWHERE



godwin   
a xylem brand

# Godwin just set the standard. Again.

Updating a legend isn't easy, but the new Godwin NC150S Dri-Prime® Pump will chew through the competition.

Working with customer feedback and usage data from hundreds of field tests, we've re-imagined, re-designed and re-engineered the Godwin NC150S Dri-Prime pump to make it smarter and give it new levels of control, efficiency and environmental protection. It's exactly what your toughest dewatering jobs require.

Improved pumping efficiency. Better fuel economy. Easier operation. Reduced maintenance. The Godwin NC150S Dri-Prime pump creates confidence like never before because - in an industry first - it's controllable from any smartphone, tablet or desktop computer, anywhere in the world. Imagine not having to send someone to the construction site to see if the pump is running properly. Or to the lift station in the middle of a torrential downpour - in the middle of the night - to see if fuel levels are ok. All of this and more can now be managed right from the palm of your hand, with a non-clog pump that can handle the kind of modern waste that shuts other pumps down.



When water is an issue, the new Godwin NC150S Dri-Prime® Pump helps you outsmart it.



## OUTSMART WATER WITH NON-CLOG CAPABILITIES

Water is sneaky. It shows up when and where it wants - and can bring all sorts of surprises. But now you can put it where it belongs with more peace of mind because the Godwin NC150S Dri-Prime Pump features:

- ▶ **Unique, self-cleaning, non-clog impeller**
- ▶ **Easy management of stringy, modern waste**
- ▶ **Sustained hydraulic efficiency from Flygt N-Technology, used for over 20 years in 300,000+ locations**
- ▶ **Long-term fuel and energy savings**
- ▶ **Reduced service time thanks to new belt tensioning system and seal housing sight glass**

# Field Smart Technology

## – very smart (FST) Smart Monitoring for Anytime, Anywhere Control

It's easier to outsmart water when you can do it from anywhere.

In an industry first, the smart Godwin S Series pump, including the NC150S Dri-Prime Pump, can be monitored and controlled from any smartphone, tablet or desktop computer, anywhere in the world with Godwin Field Smart Technology (FST).

Built with onboard cellular and satellite connectivity, and GPS, you can track, monitor and communicate with your pump in real-time, no matter if it's hitched to a truck cruising down the highway, tucked in a municipal lift station, or even standing guard at an out-of-the-way construction site. Keep track of multiple pumps on multiple sites from one screen and always know what's going on.



Sound Attenuated Enclosure

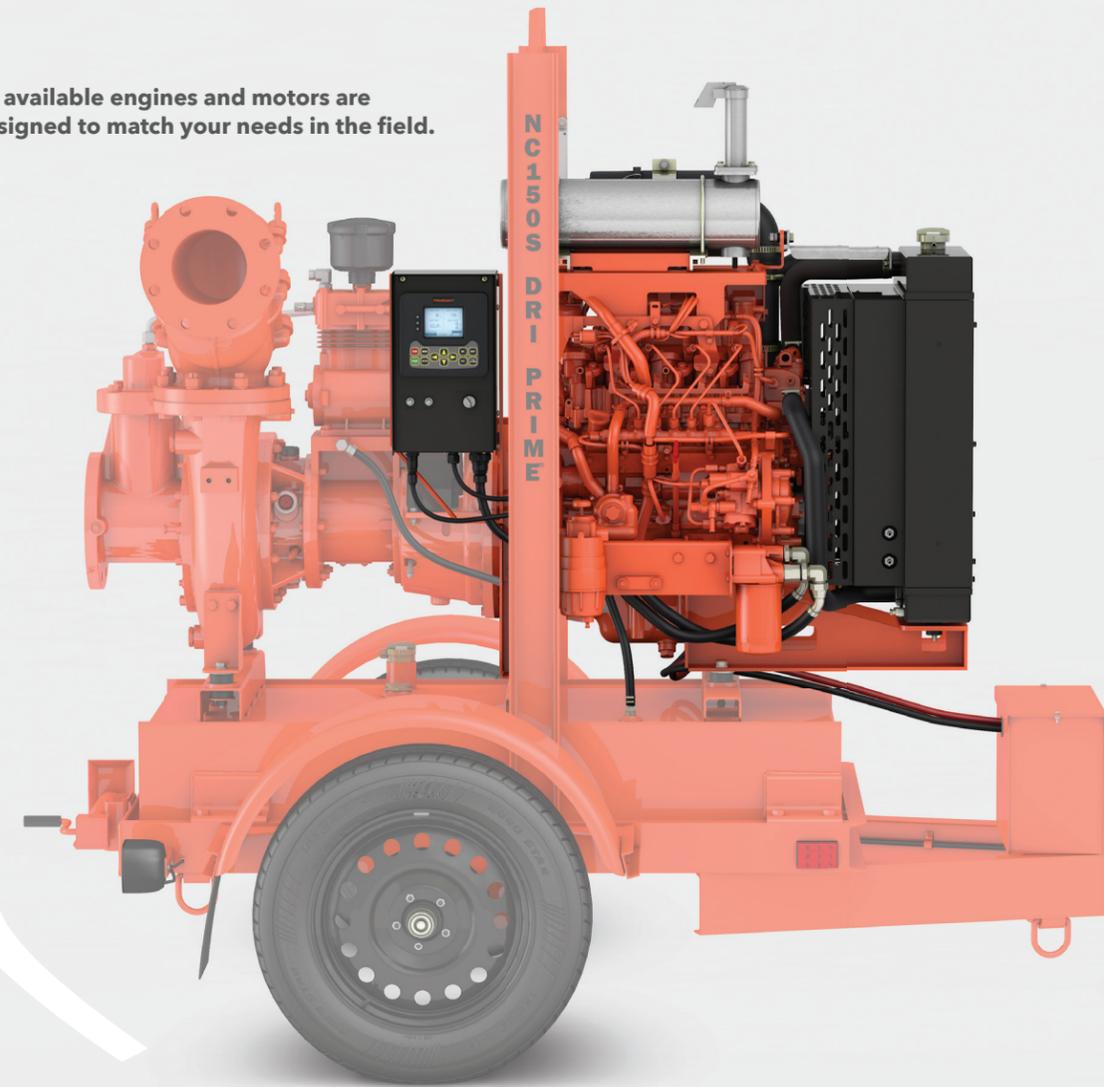
FST integrates with our Prime Guard pump & engine controller, and provides invaluable control and information about your pump such as:

- ▶ Start/stop/RPM control
- ▶ Fuel Consumption/Levels
- ▶ Soot accumulation monitoring for models with DPF
- ▶ Engine load
- ▶ Warning and error codes
- ▶ Suction pressure/vacuum readings\*
- ▶ Discharge pressure readings\*
- ▶ Flow meter readings\*
- ▶ Sump level monitoring\*

\*Additional equipment required



All available engines and motors are designed to match your needs in the field.



## FT4 – Better in every way

This pump is better for the environment – and everyone who deals with it.

The EPA has mandated cleaner engines to help protect the environment, but our Final Tier 4 engines and motors also have multiple benefits for you. Thanks to smart design based on real-world usage data and advanced engineering, the diesel engines and electric motors available in the Godwin NC150S Dri-Prime pump go far beyond simply being green.

### More efficient - by design:

- ▶ Proven reliability increased +20%
- ▶ Reduced fuel consumption -10%
- ▶ Reduced service time -40%
- ▶ Diesel Oxidation Catalyst (DOC) significantly reduces maintenance vs. Diesel Particulate Filter (DPF) or Diesel Emission Fluid (DEF) technology
- ▶ DOC technology does not require costly regeneration cycles
- ▶ Maximum available horsepower from diesel engines
- ▶ 5 year/5000 hour warranty (62 hp model)

# Pump more. Sweat less.

## More uptime means less maintenance. And fewer headaches.

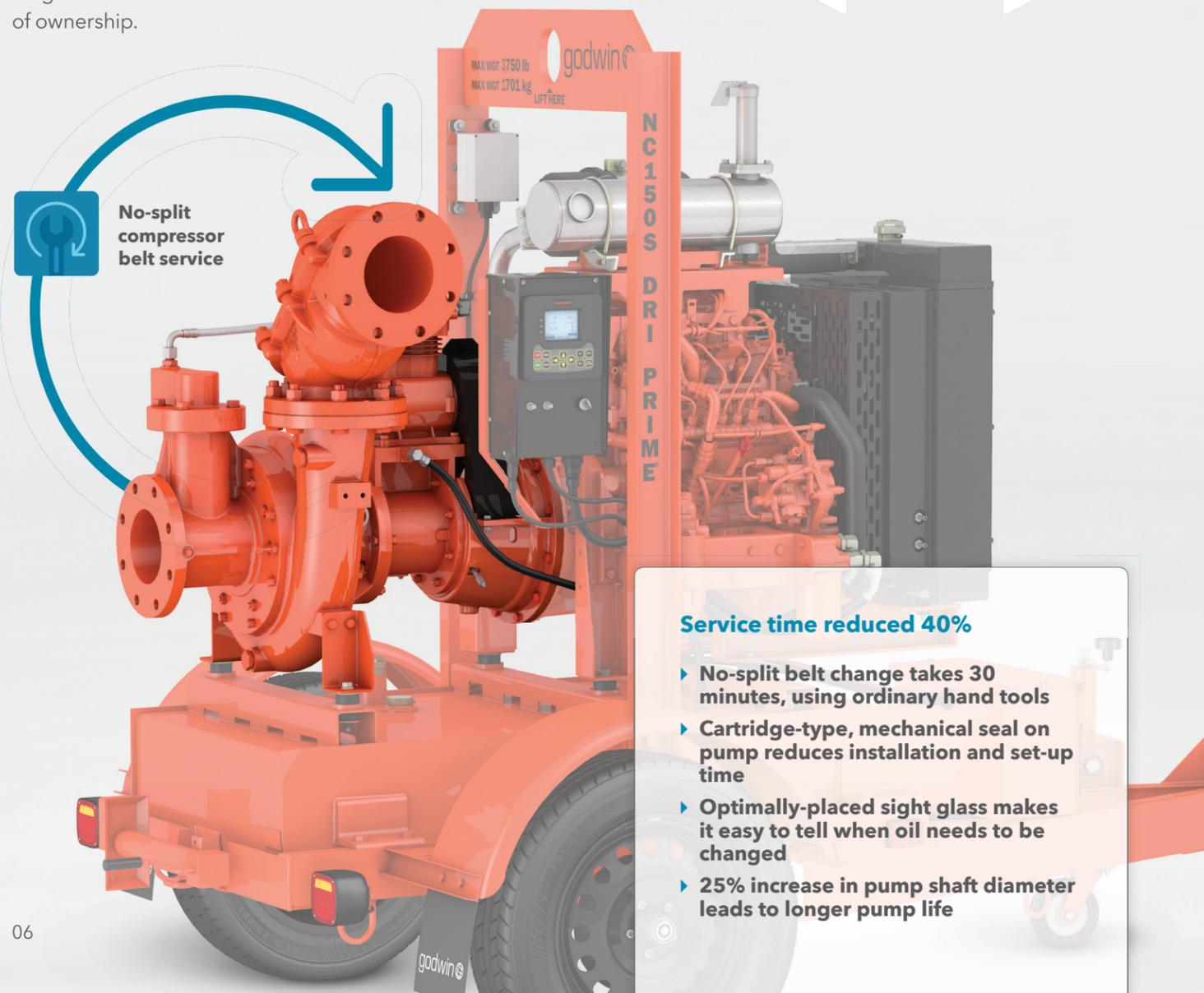
Since we were redesigning our diesel pump system to meet stricter Final Tier 4 standards, we took the opportunity to rethink everything about the Godwin NC150S Dri-Prime pump and make it smart in ways that matter in the field.

Thousands of hours of hands-on experience and working with customers on the jobsite led to simplified maintenance requirements, longer service intervals and lower total cost of ownership.

And since we added FST functionality, real-time monitoring alerts you to required preventative maintenance – which is the best service enhancement feature of all.

Improvements include:

- ▶ Easy release driver coupling
- ▶ Redesigned hydraulics
- ▶ Redesigned non-return valve
- ▶ New cartridge mechanical seals
- ▶ Greased bearings



### Service time reduced 40%

- ▶ No-split belt change takes 30 minutes, using ordinary hand tools
- ▶ Cartridge-type, mechanical seal on pump reduces installation and set-up time
- ▶ Optimally-placed sight glass makes it easy to tell when oil needs to be changed
- ▶ 25% increase in pump shaft diameter leads to longer pump life

# Everything we put in helps you get more out.

## Advanced, Non-Clog Pump

Our exclusive Flygt N-Technology Non-Clog impeller features proven self-cleaning reliability and sustained hydraulic efficiency to keep your pump running at peak performance in the most challenging modern wastewater applications.

## Smart monitoring for Anytime, Anywhere Control

Godwin Field Smart Technology (FST), the first-in-industry telemetry and wireless technology provides remote monitoring and control of the Godwin NC150 Dri-Prime Pump from any smartphone, tablet or desktop computer. That gives you peace of mind from anywhere in the world.

## Efficient, Environmentally-Friendly Engines

Thanks to advanced engineering and manufacturing practices, every best-in-class diesel engine and electric motor available on Godwin Dri-Prime pumps features more uptime, longer service intervals and meets all of the U.S. EPA Final Tier 4 requirements.

## Streamlined, Simplified Serviceability

Thousands of hours of hands-on application experience and field testing led to simplified maintenance requirements, longer service intervals and lower total cost of ownership.



Local application conditions may affect pump performance, actual results may vary

# 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, and agricultural settings. With its October 2016 acquisition of Sensus, Xylem added smart metering, network technologies and advanced data analytics for water, gas and electric utilities to its portfolio of solutions. 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](http://www.xylem.com)**



Xylem, Inc.  
84 Floodgate Road  
Bridgeport, NJ 08014  
Tel: 800-24-Pump4  
[xylem.com](http://xylem.com)

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