



# Unico SRP Variable Speed Drive

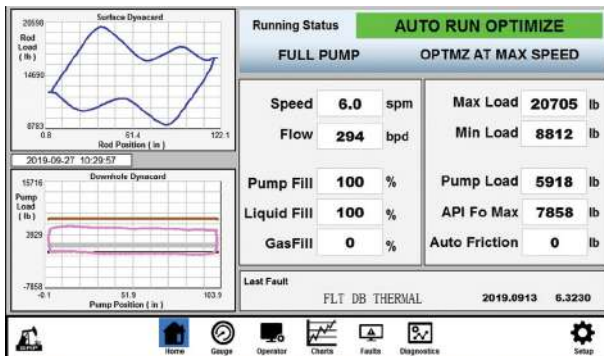
Autonomous optimization to maximize performance of your sucker rod pump application.



# Autonomous Optimization

The Unico SRP Variable Speed Drive provides autonomous optimization for rod pumped wells by utilizing patented algorithms and digital twins to continuously maximize production while ensuring pumping unit integrity.

Unico SRP drive's embedded software integrates motor control, well optimization, pump fill control, and rod load control into a single, compact solution enhancing usability, energy efficiency and reliability of both new and existing pumping systems.



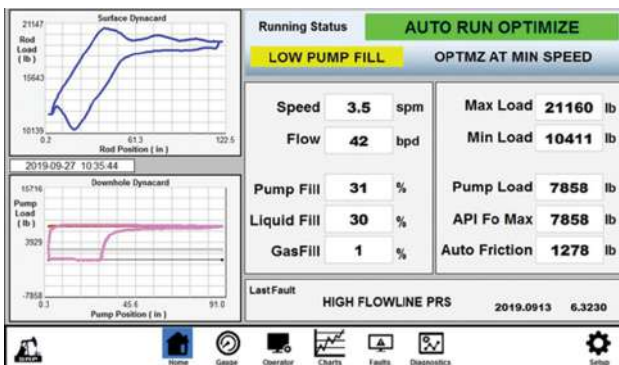
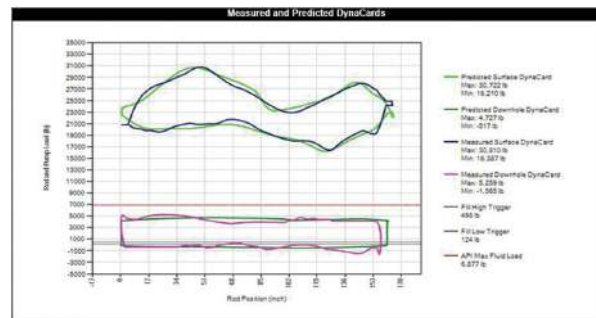
## Simple Guided Setup

Everything you need at your fingertips

- Well performance
- Setup
- Operation

## View Predicted to Measured Dynacards

Easy troubleshooting and validation of setup



## Performance Notifications

Pump Expert™ diagnostics identifies possible issues



# Why Unico SRP Drives are the Leaders in Optimization Automation

Patented algorithms in the drive maximize production while protecting the pumping system.

## Production Optimization

- Pump Fill Control
- FOP/PIP Calculation
- Speed Profiler Mode
- Automatic Unmanned Valve Check
- Auto Pump Fill Setpoint Adjustment
- Stuck Pump Mode
- Pump Clean™ Mode
- Diluent control
- DH Friction Calculation
- Gas Interference Controller

## Energy Efficiency

- Balance assistant
- Improved Power Factor
- Optimum Speed Control
- Solar Power Optimizer
- Flat Power
- Regen/Motor Power Limiter

## Equipment Protection

- Soft Landing
- Sensorless Control
- Rod Load Control
- Pump Diagnostics
- Gearbox Torque Limiter
- Bridle Separation Control
- Rotaflex® Park Assist
- Belt Slip Detection

## Advanced Features

- UEDIT®- built in soft PLC capability
- System Modeling – Digital Twin
- PMM Control
- Well Analytics
- Pump/Rod Velocities/Position
- Pump Expert™
- Fault / Event History
- Technical Support/Training
- Remote Connectivity
- Mobile Device Connectivity



# Unico SRP Variable Speed Drive

## Simplified Sophistication

Built on decades of automation experience and success, Unico SRP Variable Speed Drives give you the ability to match its functions and features with your unique requirements.

Intelligent features and multi-level access to controller data and diagnostics further enhance operations at the well site and remote.

Autonomous control settings can be setup for each well site, providing hands-free optimization.

## General Specifications

- Input Voltage: 380-460vac, 575vac  $\pm 10\%$
- Power Range: 10-300 HP (7.5kw - 225kw)
- Enclosure: NEMA 4 (IP55)
- Operating temp:  $-40^{\circ}$  to  $104^{\circ}$ F ( $-40^{\circ}$  to  $+40^{\circ}$ C)  
up to  $122^{\circ}$ F ( $+50^{\circ}$ C) with de-rating
- Listing: UL ,CE available



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Specifications subject to change without notice.

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