

CORNELL PUMP COMPANY

CO-PILOT™

RENTAL INFORMATION



CORNELL
Co-Pilot™

MOBILE EQUIPMENT



Connect via Cell Network



5 Sensor Inputs



Desktop Monitoring



CORNELL Co-Pilot™

MONITORING AT YOUR FINGER TIPS

Cornell Co-Pilot™ allows you to monitor performance through desktop, iOS, or Android apps. You can view the pump's GPS location, receive alerts for out-of-condition operations, and reduce manual inspections.

CORNELL CO-PILOT ALLOWS:

Automation and Remote Monitoring/Management for your equipment...

- Telematics (GPS Location)
- Diesel Driven and Electric Drive Pumps
- Compatible with most all engine controllers that support modbus (RS-485)
- Compatible with most all VFD Panels that support modbus (RS-485)
- Remote Control Features:
 - Remote Start/Stop control from phone/computer/tablet
 - Remote Speed (RPM) control from phone/computer/tablet

CONNECT TO MORE THAN JUST PUMPS!

Co-Pilot can be attached to **Cornell-branded pumps, non-Cornell Pumps, Generators, Light Towers, Compressors, Frac Tanks, and more!** Contact us to review whether your application is compatible with ours.

You can connect 4 Analog (4-20mA) sensors and 1 Digital Input with Co-Pilot. We offer a full line of accessories, including:

- Magnetic Flow Meters
- Pressure Transducers
- Submersible Level Transmitters
- Temperature Sensors
- Fuel Level Sensors
- Etc.

Let us know if you need to monitor a specific parameter remotely, and we will help source a compatible sensor.

**PART OF RPM² ASSET
MANAGEMENT SYSTEM**



MOBILE EQUIPMENT

FULL MONITORING OF YOUR DRIVE SYSTEM:

■ ENGINES

- RPM
- Coolant Level
- Engine Temperature
- Engine Torque
- Fuel Consumption Rate
- Fuel Level
- Tier 4 Emissions Data
- Etc.

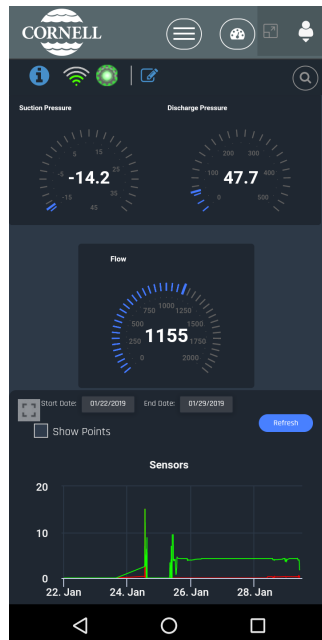
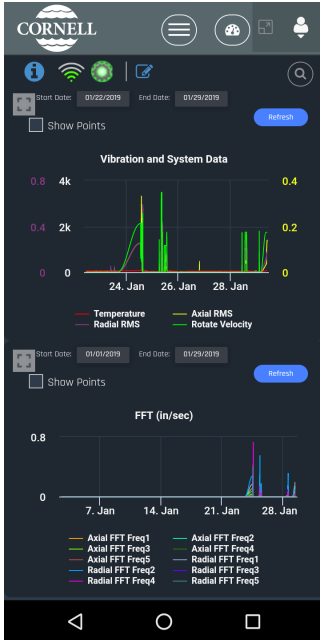
■ ELECTRIC MOTORS/VFD'S

- RPM
- Torque
- Motor Current
- Output Power
- Etc.

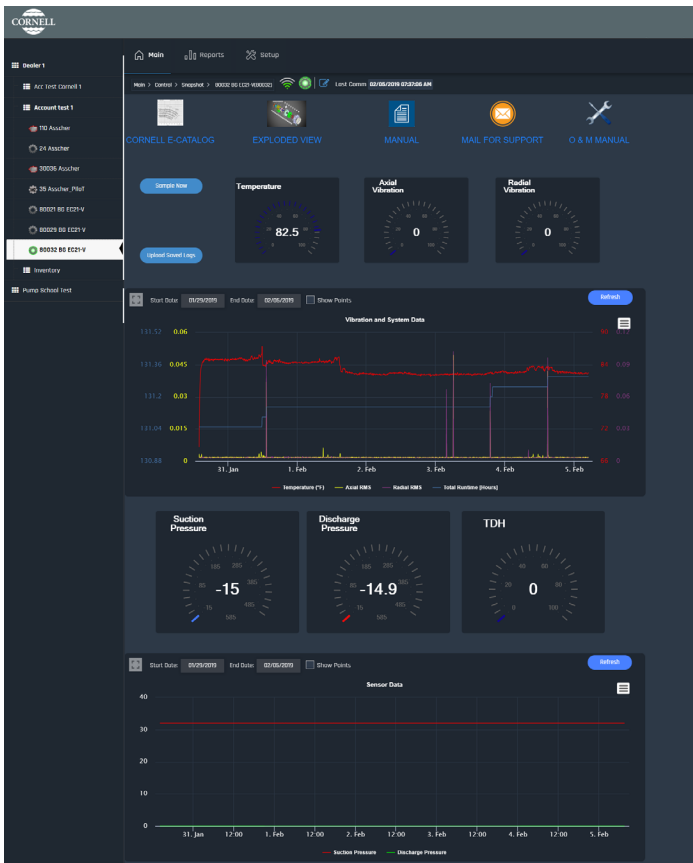
- Fault Codes, Trouble Codes, and Alerts available remotely from your Engine or VFD
- Monitor and Alert on Suction and Discharge Pressures
- Monitor and Alert on Flow Rate and Flow Accumulation
- Monitor and Alert on abnormal Vibrational Readings caused by cavitation, dry running, misalignment, mounting/support issues, suction pressure issues, etc.
- Monitor and Alert on bearing frame temperatures
- Monitor and Alert on operating hours to, effectively and efficiently, plan for maintenance services
- Monitor and Control multiple assets from a single window using our multi-pump-display

API ACCESS

If you have a need to feed data from the Co-Pilot system into your own system, contact us about leveraging our API to feed our data directly into your internal systems.



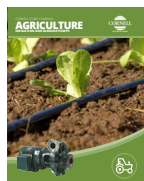
Screenshots from the mobile Co-Pilot app.



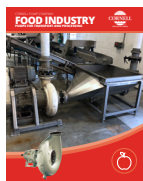
Co-Pilot desktop version screenshot.

Get started at
CORNELLPUMP.COM/CO-PILOT

CORNELL PUMP COMPANY MARKET & PRODUCT LINE



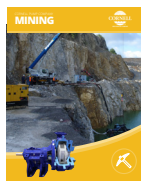
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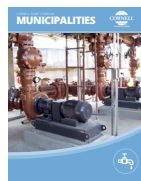
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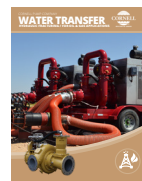
INDUSTRIAL



MINING



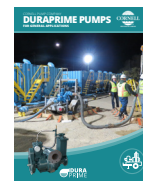
MUNICIPAL



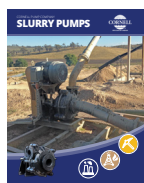
WATER
TRANSFER



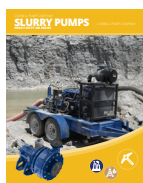
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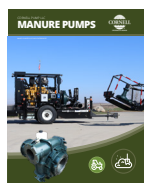
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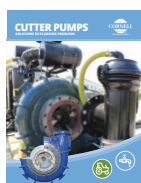
SLURRY



SLURRY SM



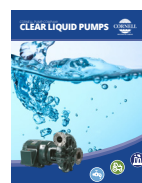
MANURE



CUTTERS



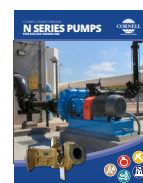
SELF PRIMING



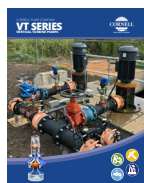
CLEAR LIQUIDS



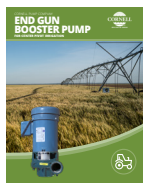
MX SERIES



N SERIES



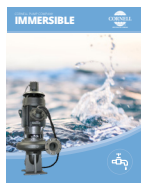
CYCLONE™



EDGE™



HYDRAULIC
SUBS



IMMERSIBLE



CD4MCU



RUN-DRY™



PRIMING
SYSTEMS



CYCLOSEAL®

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Cornell pumps and products are the subject of one or more of the following U.S. and foreign patents:

6,074,554; 6,036,434; 6,079,958; 6,309,169; 6,104,949.

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Cornell Pump Company
Clackamas, Oregon, USA
P: +1 (503) 653-0330
F: +1 (503) 653-0338