

CORNELL PUMP COMPANY

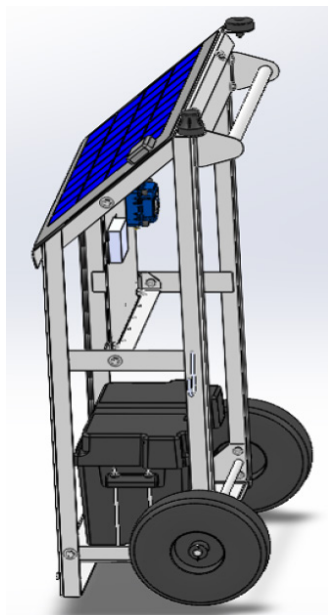
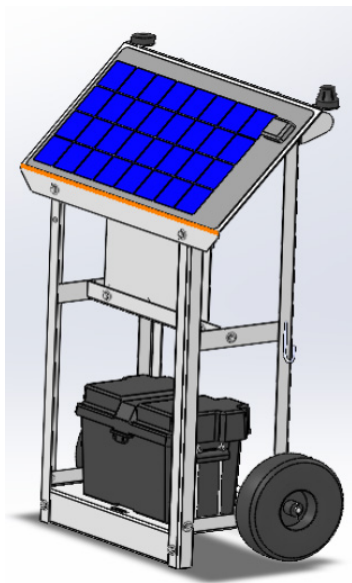
CO-PILOT™ FLEX

MOBILE MONITORING



CORNELL 
Co-Pilot™
FLEX SOLAR UNIT

CO-PILOT™ FLEX



CO-PILOT FLEX	
FRAME	POWDER COATED STEEL
VOLTAGE	BATTERY or 12-24 VDC
SOLAR PANEL	RUGGED, 40 W
CHARGE CONTROLLER	OPTIMIZED 12V
CO-PILOT MODULE	4 ANALOG, 1 DIGITAL INPUTS
MODBUS	RS-485
CONNECTIVITY	CELLULAR AND GPS
DIMENSIONS	H 48" W 32" D 16"

COMMON APPLICATIONS

SEWER BYPASS

TANK LEVEL

FLOW RATE & ACCUMULATION

WATER TRANSFER

ABOUT CO-PILOT FLEX

Easily transport the Co-Pilot Flex to an on-the-spot location where remote monitoring is needed. Retrieve your application data via cell service through our RPM² portal to manage and maintain project parameters, attributes and alerting. Available on iOS/Android app or web browser.

FEATURES

- On-The-Spot mobile monitoring
- Easy to transport
- Multi application use
- Self-Sustaining unit

CO-PILOT SPECIFICATIONS

- 4 Analog Inputs
- 1 Digital Input
- 4G LTE on National & International Networks
- Web browser or iOS/Android apps

See Co-Pilot Brochure for further monitoring information

ELECTRICAL SPECIFICATIONS

- Standard 12 VDC car battery
- 40 W solar panel
- Optimized charge controller

CORNELL 
Co·Pilot™

To learn more about Co-Pilot's monitoring capabilities, visit co-pilot.cornellpump.com or contact iotsales@cornellpump.com.



Connect via Cell Network



5 Sensor Inputs



Remote Control



CORNELL Co·Pilot™

THE POWER OF IOT

Cornell Co-Pilot is a telematics monitoring system that mounts on your pump and is externally powered by 12-24 VDC via battery or wired connection. Co-Pilot harnesses the power of IoT (Internet of Things) by delivering you the control and data you need to maximize your pump's efficiency, compare data across multiple pumps, and manage maintenance all from your phone, tablet, or PC. We at Cornell pride ourselves in providing quality, user-friendly pump monitoring solutions that reflect our dedication to cutting-edge design and meeting customer needs.

USE THE CO-PILOT TO:

- Plan maintenance
- Check operation with real-time pump data, and monitor performance degradation and critical conditions.
- Get alerts from out-of-condition operation
- Reduce manual inspections
- Reduce warranty claims
- Improve efficiency
- Compare data across multiple pumps
- Better asset management
- Cloud monitor single and multiple pumps

MONITORING AT YOUR FINGER TIPS

Easily monitor your pump's performance and get remote control through your PC and mobile apps available for iOS and Android. Receive alerts for out-of-condition parameters and view the GPS location of the pump(s). Set up user accounts for employees and end users in one convenient platform.

CORNELL CO-PILOT ALLOWS YOU TO:

- GPS location and history
- Flow rate & accumulation with compatible flow meter
- Suction & discharge pressure
- Radial & axial vibration
- Temperature
- Remote start/stop and adjust RPM
- Engine/Motor data
- Operation hours
- Fluid levels

*Requires external sensors; contact Cornell for details.

PART OF RPM² ASSET
MANAGEMENT SYSTEM



CORNELL PUMP COMPANY MARKET & PRODUCT LINE



AGRICULTURE



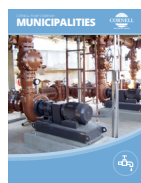
FOOD PROCESS



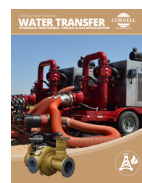
INDUSTRIAL



MINING



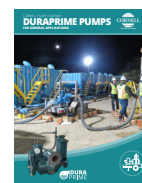
MUNICIPAL



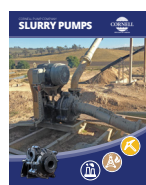
WATER
TRANSFER



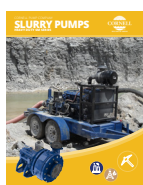
REFRIGERATION



CONSTRUCTION



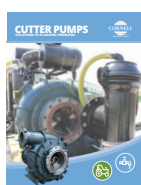
SLURRY



SLURRY SM



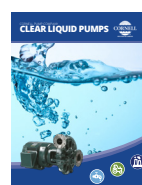
MANURE



CUTTERS



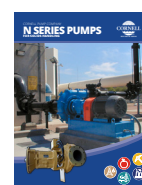
SELF PRIMING



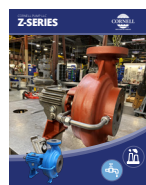
CLEAR LIQUIDS



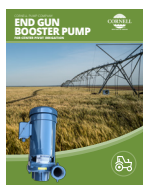
MX SERIES



N SERIES



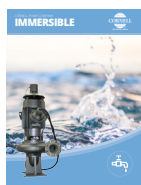
Z-SERIES



EDGE™



HYDRAULIC
SUBS



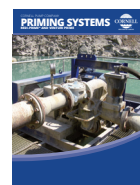
IMMERSIBLE



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; 12,270,421 B2

SEE ALL LITERATURE AT CORNELLPUMP.COM/DOCUMENT-LIBRARY

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