

# DERAGGER™



INTELLIGENT EFFICIENCY

# SOLVING PROBLEMS DIFFERENTLY: ADDING INTELLIGENCE TO EQUIPMENT.



**2010**

DERAGGER™ prototype invented combining a logic processor and power monitor.

First DERAGGER™ installation.

**2011**



**2013**

First US installation (Los Angeles, CA).

DERAGGER PRO™ revolutionizes equipment control.

**2015**



**2016**

DERAGGER™ LITE provides easy deragging.

DERAGGER™+ adds more problem solving applications.

**2017**



# POWERMONITOR™

Combining motor protection and datalogging in an easy to install, compact device.



**PRO**  
COMPATIBLE ✓

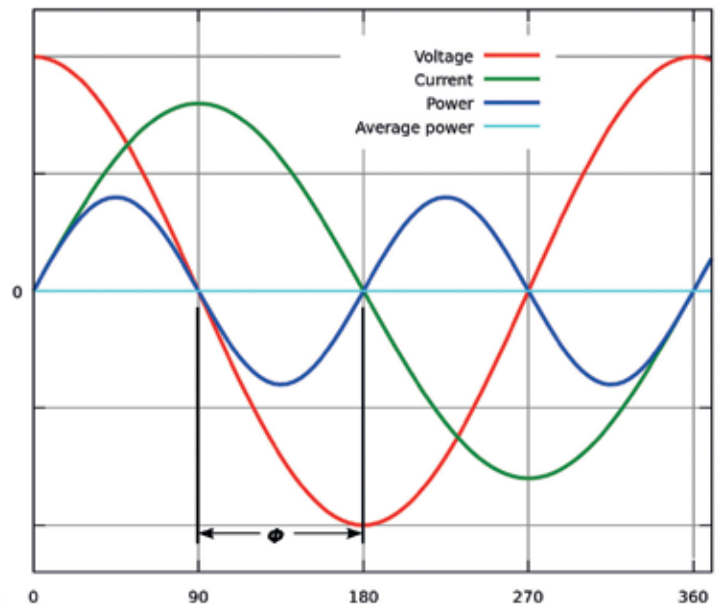


## DATA LOGGING KEYPAD

- Records high resolution power data.
- 20 years data storage on-board.

## ADVANCED MOTOR PROTECTION

- Current & Voltage, Over /Under Protection.
- Phase loss protection.
- Able to react in nano-seconds.



## EASY MONITORING

- Remote SCADA feedback.
- 40+ parameters monitored.



*"The POWER MONITOR™ paid for itself the very first time we ever needed it to protect the influent screen."*

B. Lewis, Billings, MT

# DERAGGER™ LITE

The smart way to end ragging problems.



## DON'T RUN PARTIALLY RAGGED:

- Off-balance / vibration destroys seals.
- Decreases flow, increases runtime.
- Higher power bills.



## EARLY DETECTION PREVENTS CLOGS:

- No more lift and clean.
- Reduced overtime and man-hours.
- Safer for employees.



MOTOR PROTECTION



ANTI-RAGGING

## THE SMART CHOICE:

- No need for grinders / choppers.
- Compatible with most centrifugal pumps, and all starter types.
- Includes *Real Time Pump Protection™*.



First rags catch on impeller



DERAGGER™ initiates customizable clean cycle



Pump always runs unobstructed

# DERAGGER<sup>TM</sup>+

Deragging, plus money-saving Apps.



DATA LOGGER

## DATA LOGGER:

- Remote SCADA feedback.
- 40+ parameters monitored.
- Includes 20 years storage capacity.

PRO COMPATIBLE ✓



## WET WELL CLEAN APP:

Periodically cycles station to clear FOG and debris, eliminating 90+% of vactoring.



WET WELL CLEAN



DERIVED FLOW

## DERIVED FLOW APP:

Calculates flow within 2% accuracy of mag-meter.

## ODOR CONTROL APP:

Prevents septic conditions by churning wet well.



ODOR CONTROL



*"We saved \$100,000 in the first eight months. It's an incredible solution to an age-old problem."*

Tim Perry, Public Works Director,  
City of Palestine

# DERAGGER PRO™

CONTROL SYSTEMS SIMPLIFIED



## DERAGGER PRO™

### DERAGGER™+



#### SEWAGE PUMPS



### POWER MONITOR™



#### BLOWERS



### POWER MONITOR™



#### CLEAN WATER PUMPS



### DERAGGER™+



#### MIXERS / AERATORS



The DERAGGER PRO™ is the future of control systems. Its intelligent touchscreen provides a simple way to control equipment with no special training.



Pump Analysis Screen

# SIMPLIFIED DATA TRENDS

Provides trending data to show how equipment is performing.

# EASY TO PROGRAM

Takes minutes to configure rather than hours or days, using the intuitive interface via swipe touch screen similar to smart phone.



Tank Settings Screen



# SIMPLIFYING CONTROL

- No PLC or integrator required.
- Single PRO controls up to 16 devices.
- Smartphone interface available.



*“After trying both a self-reversing pump system and the DERAGGER PRO™ controller, I prefer the PRO for its functionality, flexibility and great color touchscreen – and it costs a fraction of the competition!”*

John Bebow,  
Union Township

## READ OUR CASE STUDIES:



*"Using the DERAGGER™ we are saving over \$1,200 per month, plus we can utilize staff for other activities instead of the constant pump cleaning."*

Kishen Prathivadi, P.E, PMP, Sewer Authority Mid-Coastside

**SEE WHAT YOU COULD SAVE**

**DERAGGER™**

**cost saving calculator**



**YOUR LOCAL REPRESENTATIVE:**

**FIND OUT AT  
[www.deragger.com/rep](http://www.deragger.com/rep)**