

# DERAGGER<sup>TM</sup>LITE



Unit shown actual size.

**The smart way to end ragging problems without changing or adding equipment.**

# THE PROBLEMS



## CLOGS

- WASTED MAN-HOURS
- DAMAGE TO EQUIPMENT
- POSSIBLE INJURY TO EMPLOYEES
- RISK OF OVERFLOW / FINES



## PARTIAL RAGGING

- VIBRATION
- DECREASED FLOW
- LONGER RUN-TIMES
- HIGHER POWER BILLS

# HOW IT'S INSTALLED



- SMALL UNIT 4" X 5"
- EASY RETROFIT
- QUICK SETUP
- MOST PUMPS AND MIXERS
- ANY STARTER TYPE
- FREE CONFIGURATION SOFTWARE AS SHOWN ABOVE

# HOW IT WORKS



✓ **DETECTS STUCK RAGS**

**DERAGGER TECHNOLOGY**  
Constantly looks for fluctuations in motor torque using voltage, current and speed.

✓ **PASSES THROUGH PUMP**

It detects the first rags to get stuck, and passes them through the pump.

# THE BENEFITS

**ELIMINATES RAGGING**



**FEWER REPAIRS**



**REDUCED RISK**



**LOWER O&M**



# COMPATIBILITY

- DRY AND WET WELLS
- MOTORS FROM 1 –1000HP
- ACROSS-THE-LINE, VFD, SOFT START AND STAR DELTA
- CENTRIFUGAL PUMPS
- MIXERS AND SURFACE AERATORS
- EXISTING PANELS, THE COMPACT UNIT INSTALLS EASILY



## BUT WON'T REVERSALS DAMAGE MY PUMP?

Our unique technology reverses a pump BEFORE a clog is allowed to form, meaning pump reversal is completely safe.

Trying to run pump reversals through other methods (such as programming a VFD) will mean pumps could reverse when already clogged which COULD damage your pump!

Most quality pump manufacturers have endorsed the DERAGGER and provided reversing guidelines.

*"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

*"The DERAGGER was installed on one pump that normally has a grinder...[it] worked incredibly well. We will be purchasing DERAGGER systems for other problem stations in the near future."*

Randy Kerkes, Maintenance Manager Veolia,  
Great Falls WWTP

*"I just wish this technology was available sooner!"*

Pat Brook, Collections O&M Manager,  
City Of Missoula – Wastewater

*"Prior to installing the DERAGGER we cleared rags from the pump at least once a week."*

Tim Forkum, Sewer Maintenance Supervisor,  
City of Mt. Juliet

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Deragger Inc. 1220 Main Street, Suite 400, Vancouver, Washington, 98660  
(360) 215-7676 info@deragger.com  
[www.deragger.com](http://www.deragger.com)