

Get out of the daily **GRIND!**

Prelos™



Covered by
patent number:
10,392,281

Did you know?

Orenco's Prelos Processor™ units can be used in low-pressure grinder sewer systems.

Call us today to:

1. Specify Prelos in place of grinder pumps.
2. Add Prelos as an option for grinder pumps owned and maintained by the homeowner.
3. Add Prelos as an alternate in your grinder pump project.



1-800-348-9843
+1 541-459-4449



Orenco
WATER

PROTECTING THE WORLD'S WATER



The Next Step In Sewer Evolution

Questions and Answers

How is Preelos different?

Grinder pumps grind or chop the wastewater into a slurry and convey everything to the wastewater treatment plant. Preelos provides primary treatment at the source, conveying partially treated wastewater for final treatment.

Is Preelos more expensive to maintain than a grinder pump system?

No. Operation and maintenance (O&M) for a properly maintained Preelos unit is lower than for a grinder pump.¹

How much is a replacement pump?

A new Preelos pump is much less expensive than a rebuilt grinder pump and substantially less expensive than a new grinder pump.² As an alternative to complete pump replacement, impellers and motors are easily replaceable in a Preelos pump.

Retaining solids in the tank means that the Preelos tank needs to be pumped, right?

Yes, Preelos tanks target a 10- to 12-year pump-out interval, and costs for pumping tanks are included in the O&M cost. All wastewater collection and treatment processes produce solids. When compared to a grinder system, Preelos actually reduces the total volume of solids produced.³ Also, problems like “flushable” wipes, oil & grease, and other inorganic material are retained in the Preelos unit, rather than causing additional O&M for the grinder pumps or collection mains.

How does the power usage compare?

Preelos uses substantially less power⁴ and is available with single-phase, 115V or 230V power.

Can Preelos use the same collection mains?

Yes, the pump curves are very similar, and Preelos can use the same collection mains as grinder pumps. Please note, however, that grinder pumps should not be used in a Preelos system, because Preelos is a liquid-only sewer.

Which system has more emergency storage?

Preelos has at least 4x more reserve storage capacity than typical grinder pump basins (based on manufacturer’s specs).

Is Preelos more expensive to install?

Preelos is delivered as a complete unit, much like a grinder package is, and can be installed at a comparable cost.⁵

Why trust Orenco?

Orenco has been providing wastewater collection and treatment solutions for more than four decades. Thousands of communities in the U.S. and around the world are successfully using our technologies.

For details about the Preelos Processor, call Orenco Systems® at **1-800-348-9843** or **+1 541-459-4449**. You can also scan the **QR code** below or visit us at **www.orenco.com/preelos**.

¹ WERF Fact Sheets C1, C2, & C3. “Performance & Cost of Decentralized Unit Processes,” 2010.

² Ibid.

³ “Alternative Sewer Systems” Manual of Practice FD-12, second edition, published by the Water Environment Federation (WEF) 2008.

⁴ WERF Fact Sheets C1, C2, & C3. “Performance & Cost of Decentralized Unit Processes,” 2010.

⁵ Ibid.



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