

# Repulper Drive Conversions

## Reduce Maintenance Time and Dollars

**TRIOSIM**  
CORPORATION

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### A Recurring Problem

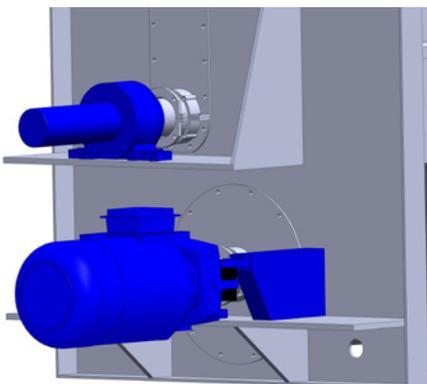
Conventional repulper drive systems are frequently the source of expensive ongoing maintenance problems. Drive Conversions have proven to be a solution for many pulp mills because they save time and money.

Most repulper drives in use today employ a worm gear assembly that requires routine rebuilding. This is a time consuming and expensive process.

In addition, the sprocket and chain arrangement at the tending end of an assembly is an inefficient system. Metal particles that are produced by wear and tear on the chain, contaminate the oil and destroy the lower bearing. The result is that many components have to be replaced in a process that is messy, creating oil spills and resulting in environment and safety hazards.

### An Effective Solution

A solution on the drive end of the repulper is to replace the worm gear assembly with a shaft mounted drive and a new bearing assembly.



Repulper Drive Conversion - Drive End

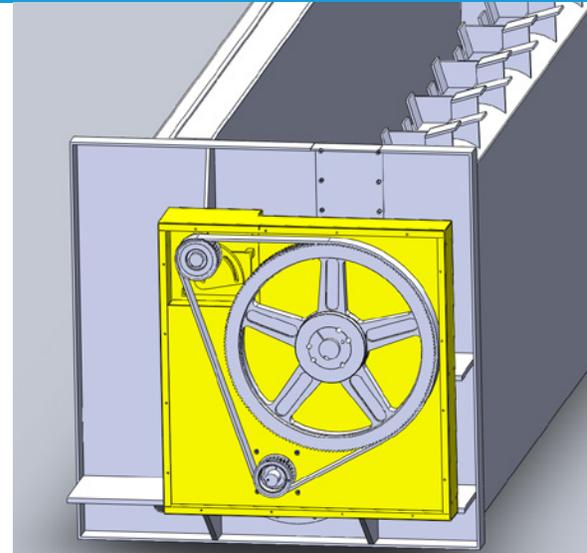
When required, these components are replaced very quickly. The existing upper rotor bearing can continue to be used as before.

On the tending end, the new arrangement consists of a Poly Chain Belt which will not create metal contamination. The bearings are grease lubricated, eliminating the need to use an oil bath. When necessary, component change-out is fast and clean. The drive and tending ends can also be converted independent of one another.

Repulper Drive Conversions are implemented quickly and inexpensively. Savings in maintenance costs and time will continue for many years.

Call on Triosim to discuss options for your mill and to learn why we've earned a reputation for service, quality and competitive pricing.

Triosim Parts are manufactured in the U.S.A.



Repulper Drive Conversion - Tending End

- Save time and money
- Change-out is fast and clean
- Quality and competitive pricing
- Poly belts eliminate metal contamination
- Bearings are grease lubricated
- No need for oil bath

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