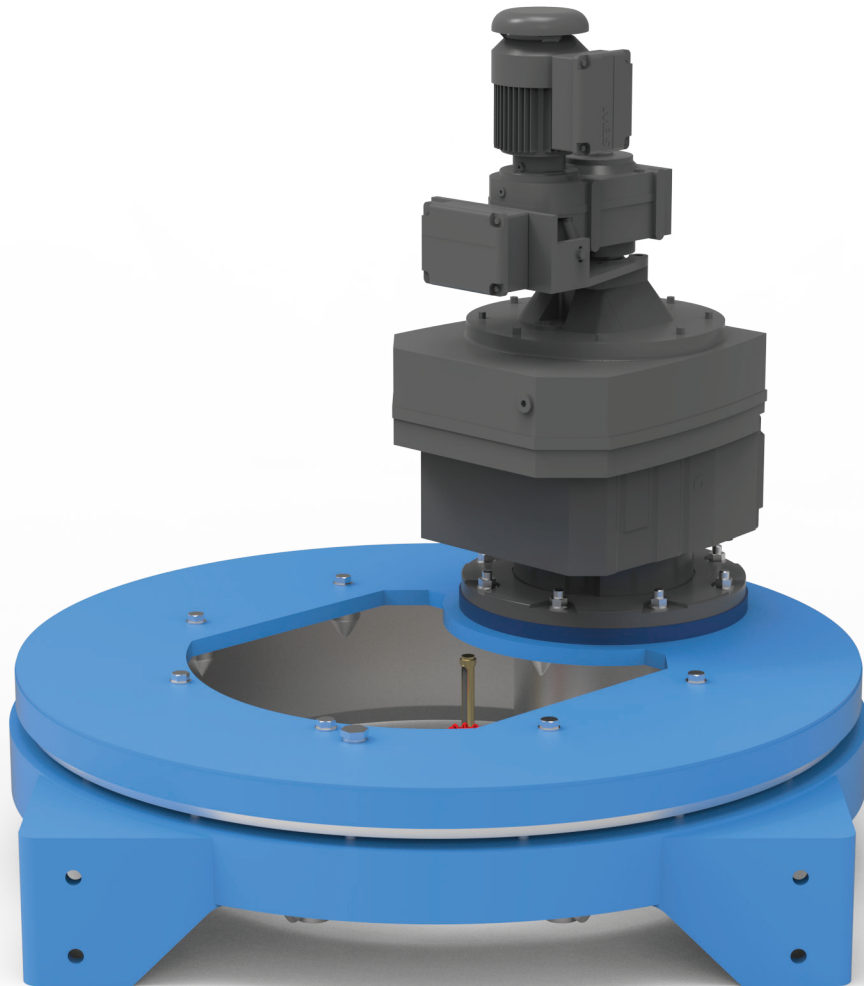


SUSTAINED EQUIPMENT SOLUTIONS

JACKBOLT™ DRIVE

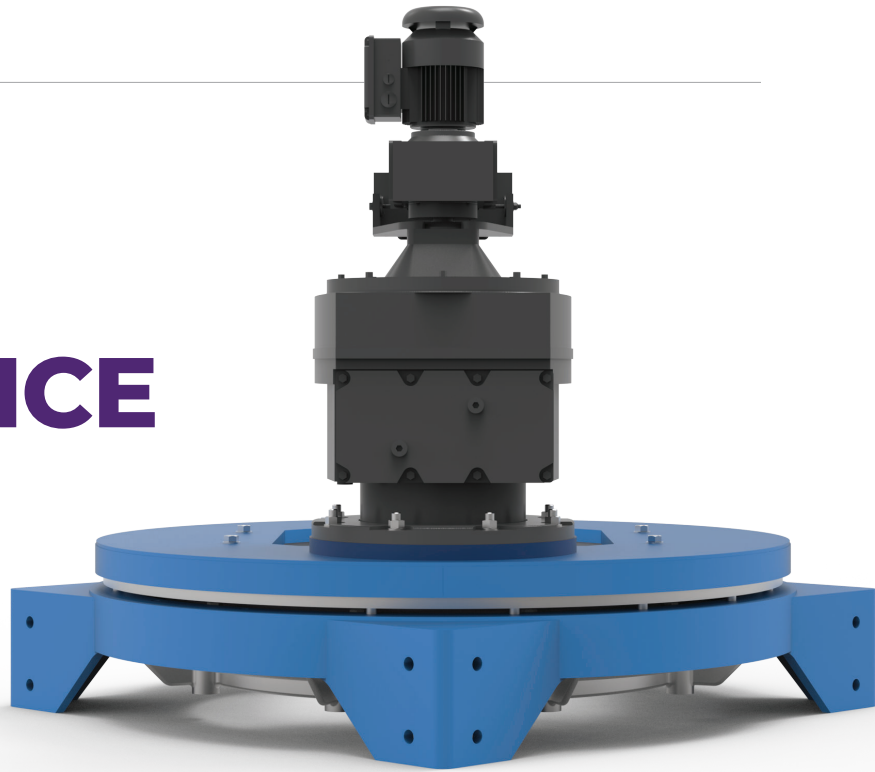
MAINTENANCE WITHOUT DOWNTIME



Bringing water to life®

MEET JACK, YOUR NEW MAINTENANCE PARTNER

Completely
rebuildable drive
without dewatering
your clarifier, which means
no process downtime
for gear maintenance.



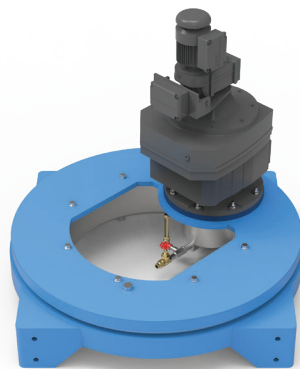
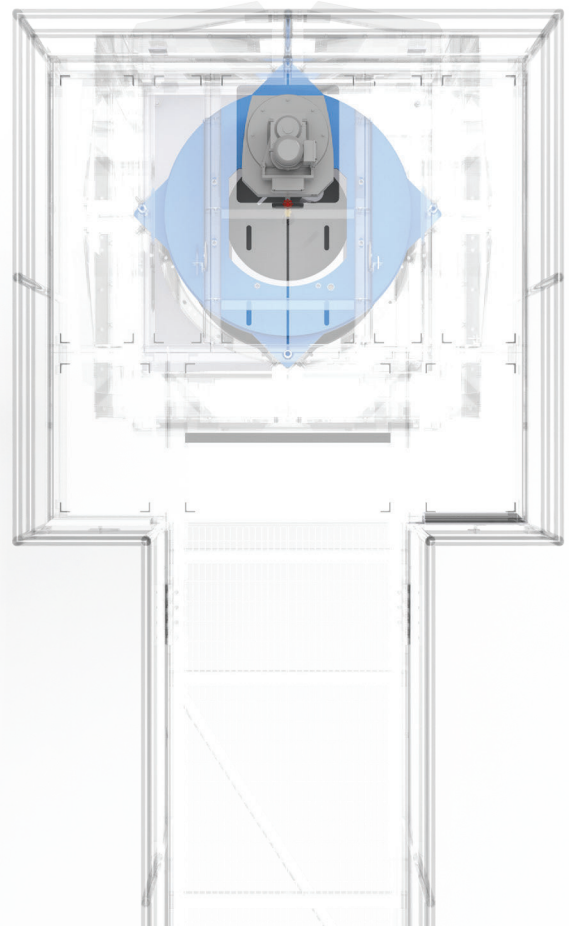
Our exclusive Jackbolt™ drive, coupled with a compatible platform, eliminates the need to dewater a clarifier or dismantle the mechanism for bearing or gear replacement. The complete assembly can be replaced in hours using only a small portable hoist, instead of a more costly motor crane required by other drive mechanisms. The clarifier can continue to receive process flow during maintenance.

NO DOWNTIME? REALLY?

Ovivo is proud to offer its innovative drive for pier-supported clarifiers and thickeners that come with a key feature others cannot offer.

The Jackbolt drive is a precision bearing drive assembled within a cast-iron housing that can be fully rebuilt from the top of the access platform – without ever draining, cleaning, or stepping down into the clarifier basin. In fact, the operator does not even need to separate the torque cage from the drive, so the need for ladders, scaffolding, or crane service is eliminated.

A complete rebuild of the Jackbolt drive can typically be performed in less than an 8-hour shift and by using a simple engine hoist or portable gantry crane on the platform. No other precision-bearing or strip-liner drive can offer this type of flexibility or ease of maintenance.



HOW IT WORKS

During drive maintenance, the Jackbolt drive can be set up to transfer the weight of the bridge and the clarifier mechanism to the center pier, thereby avoiding the need for draining the clarifier tank or removing the walkway bridge/drive platform or disconnecting the clarifier from the drive mechanism.

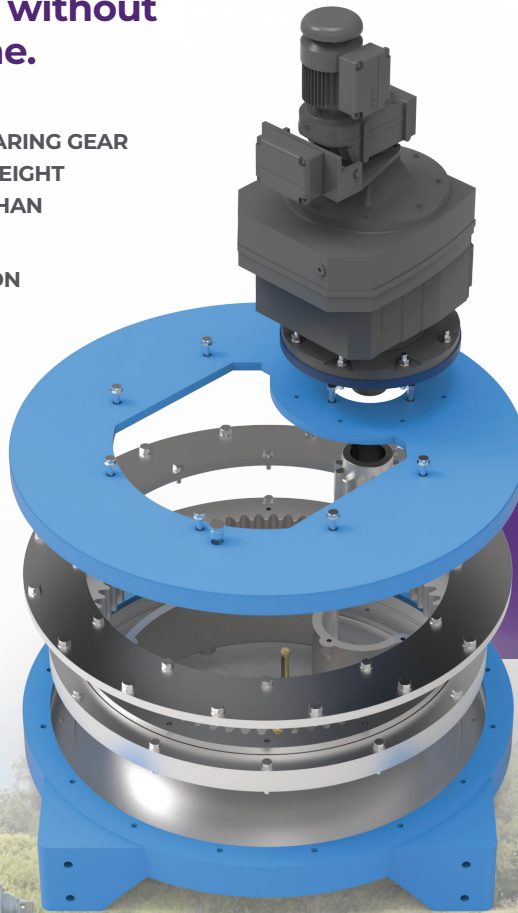
Our unique design allows you to perform maintenance on the Jackbolt drive without any clarifier downtime.

- EQUIPPED WITH PRECISION-BEARING GEAR CAPABLE OF MORE HANGING WEIGHT AND HIGHER MOMENT LOADS THAN A STRIP-LINER DRIVE
- OIL LUBRICATED WITH CAST-IRON MAIN HOUSING FOR EXCELLENT CORROSION RESISTANCE AND HARSH ENVIRONMENTS.
- SAFE, EASILY ADJUSTABLE, AND OPERATOR-FRIENDLY TORQUE OVERLOAD PROTECTION SYSTEM WITHOUT THE USE OF SHEAR PINS, CHAINS, AND SPROCKETS.

THE OPERATOR'S BEST FRIEND

Jackbolt and torque transfer plate design features allow all rotating mechanisms to be left intact – no need to detach the cage, support the rake arms, or remove the access bridge. Large, expensive cranes are not needed.

- **ALLOWS TRUE IN-PLACE SERVICEABILITY**
- **NO SPROCKETS, CHAINS, OR SHEAR PINS TO MAINTAIN**
- **EASY-TO-READ TORQUE INDICATOR**
- **PRECISION-BEARING TECHNOLOGY**
- **CLARIFIER REMAINS IN OPERATION DURING MAINTENANCE**
- **CAST-IRON HOUSING**



**MAINTENANCE
WITHOUT
DOWNTIME**



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