



**P**RECISION **R**OTATING **E**QUIPMENT

*CUSTOM EQUIPMENT FOR THE WATER AND WASTEWATER TREATMENT INDUSTRY*

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# Cage and Shaft Drives with Lifts



# **PRE Cage and Shaft Drives with Lifts**

Whether the application requires a Cage Drive or Shaft Drive, **PRE** can design drives with lifts to accommodate applications with high or heavy sludge loads.

These drives with lifts can be either single drives or dual drives. Dual drives are most commonly used in Solid Contact Clarifiers or Flocculating Clarifiers. These drives use the same robust primary and secondary reducers and precision main gear/bearings. They also include the same torque measurement display with an easy-to-read torque dial.

An optional 4 - 20 mA signal can be specified which may be sent to the control room for remote monitoring.



Shaft Drives and Lift



Cage Drive and Lift

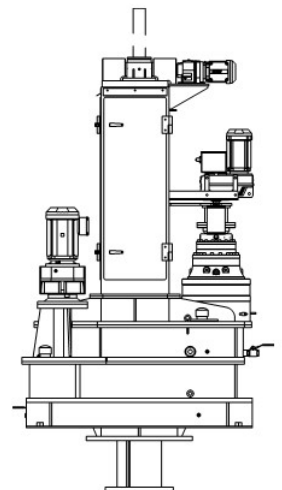


Flocculating Clarifier with Dual Drive and Lift

**PRE** can custom design a drive to meet your needs.

The photo to the left and drawing to the right show a Dual Drive with a lift at a major power producer in the southeast United States. This was for a flocculating clarifier with a heavy sludge load. The design allows the flocculator to continue to operate while the Rakes are lifted in high sludge conditions.

**PRE** can use their design expertise to meet your application no matter how challenging.



Dual Shaft Drive and Lift



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