Thickener drives

www.cmdgears.com
CMD has designed a new range of drives for clarifiers and thickeners based on Durand ZA-profile worm gears that are particularly suitable for low speed operations. On one hand, the lower the speed, the higher the torque transmissible by the ZA gear and, on the other hand, the enveloping shape of the wheel teeth maximizes bending strength to withstand occasional rake blockages inside the tank. CMD also provides continuous torque measurement and associated control packs to enable real-time monitoring and process optimization.

**Advantages**

Worm & Wheel DURAND ZA®
- **Maximise** teeth stiffness to resist peak torques
- **Optimize** meshing surface to increase life duration

> Corrosion proof
> Overload proof
> Long duration
8 sizes for nominal torque up to 350 000 Nm

3 Executions:
- **Plain**: No sensor
- **Local**: Manual or automated drive
  - All necessary sensors
- **Complete**: Local execution + full automation
  - According customer’s grafzet

2 Arrangements:
- **Rotation (R)**
- **Rotation & Lifting (RL)**

For any QUERY or request for QUOTATION:

contact@cmdgears.com