

## Up to 50-gpm (10m3) Centriquip CQ3 XP Solid Bowl Decanter Centrifuge Skid Package with Viscotherm Hydraulic Back-Drive and 380vac 50hz 3ph Control Panel



**(2) Two CQ3 Decanter Centrifuge Skid Packages Available Never Put into Service and Include Fresh Rebuild with Warranty**

**These machines are available individually or together as a complete package.**

**The CQ Decanter Centrifuges are very versatile and capable of adapting to varying throughputs as well as a wide variety of sludge dewatering applications and processes.**



**The machines are easy to adjust, require little operator attention, are relatively quiet, and feature a small footprint.**

These machines are skid mounted and were designed for an intrinsically safe offshore application in the Dutch sector of the North Sea. All instrumentation to be suitable for operation in a Zone 2 IIA T3 environment and be certified EExi minimum.

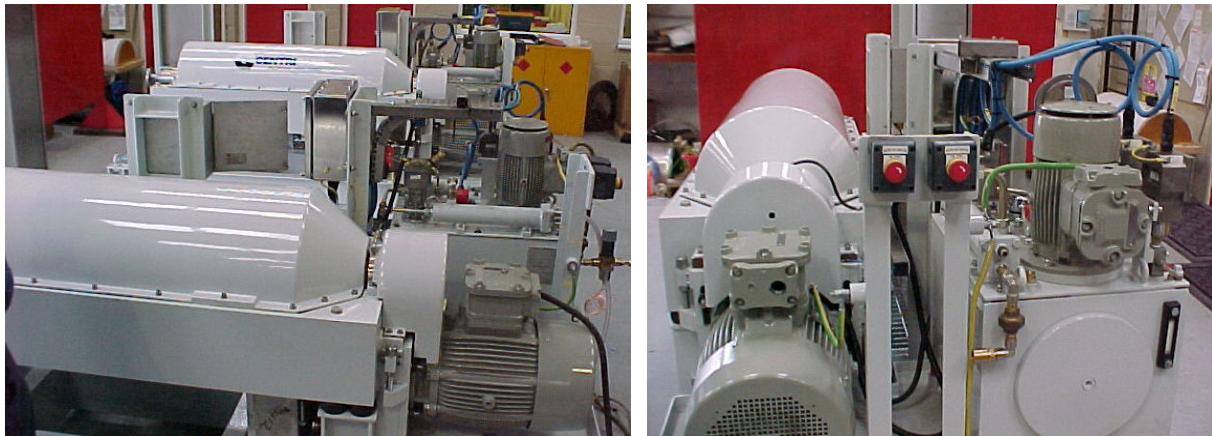
The machines were designed to be non-sparking. As a minimum this included brass faced labyrinths and brass sleeving of close proximity areas of shaft/bearing housing. Belts are FRAS and guards are made of non-sparking material. The vibration switch has a range and set point such that contact between rotating and static components cannot occur in the event of bearing wear or failure.

Bowl bearings are provided with automatic lubrication system. This features a pneumatic grease pump controlled by a pneumatic timer and is enclosed in a stainless steel panel fixed to the skid. Grease reservoir is 5kg capacity.

**The CQ Decanter Centrifuges feature the following unique advantages:**

1. Patented **dual angle conical bowl section** for decreased erosion and increased scroll life with lower torque sludge discharge.
2. Low weight rotating assembly constructed from high tensile strength and highly corrosion resistant **Duplex Stainless Steel**.
3. **Energy efficient** for low power consumption.
4. **Replaceable wear liners** at points in contact with solids for easy on site replacement and servicing.
5. **Automatic, hydraulic scroll back-drive system** requires no gearbox and has high torque capability independent of the main drive. Any residual solids in the bowl can be discharged with the bowl stopped.

• Model	Motor	Bowl Dimensions	Max "G"	Flow rate
• CQ3	25HP	4:1 L/D 12" x 48"	3,375 "G"	up to 50-gpm



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