

**Complete CQ Decanter Centrifuge
System Skid Modules:**

The pictured skid module is a model CQ3 decanter centrifuge mounted on a heavy-duty structural steel frame base with grated working platforms. The skid is equipped with all the necessary ancillaries required for:

- Optimum separation performance
- Process reliability
- Process flexibility
- Ease of operation
- Ease of maintenance



A complete system skid module can normally be ready for operation within 1 to 4-hours upon delivery to the site.

The complete system skid module is equipped with the following ancillaries:

- CQ Decanter Centrifuge with solids / centrate chutes.
- Viscotherm hydraulic decanter back-drive unit.
- Feed macerator with PLC control.
- Progressive cavity, sludge feed-pump, with variable speed drive, capacity 5 to 45-gpm.
- Krohne flow meter, range 0 to 45-gpm, complete with display unit.
- Polymer dosing pump with variable speed drive capacity of 0.4 to 11-gpm.
- Krohne polymer flow meter, range 0 to 10-gpm, complete with display unit.
- Feed line mix header with variable polymer injection points.
- Feed valve manifold.
- 300-gallon polymer mixing tank with agitator.

- 300-gallon utility tank with agitator.
- Sludge auger / conveyor 12'L (size quoted to suit facility requirements).
- **NEMA 12** electrical control panel with PLC touch screen HMI and VFD centrifuge drive motor and pump motor controls.
- CQ3 Skid Module dimensions: 14'L x 8'W x 8'H
- CQ3 Skid Module weight: approximately 8,500 pounds



Complete CQ decanter centrifuge system skid modules can be constructed with any size CQ decanter centrifuge and supplied with the standard ancillaries or equipped to suit the unique and special needs of each customer.



For more information call US Centrifuge and ask for Chuck Shaw @ extension 104 or cell 317-557-8901 or e-mail Chuck @ cshaw@uscentrifuge.com