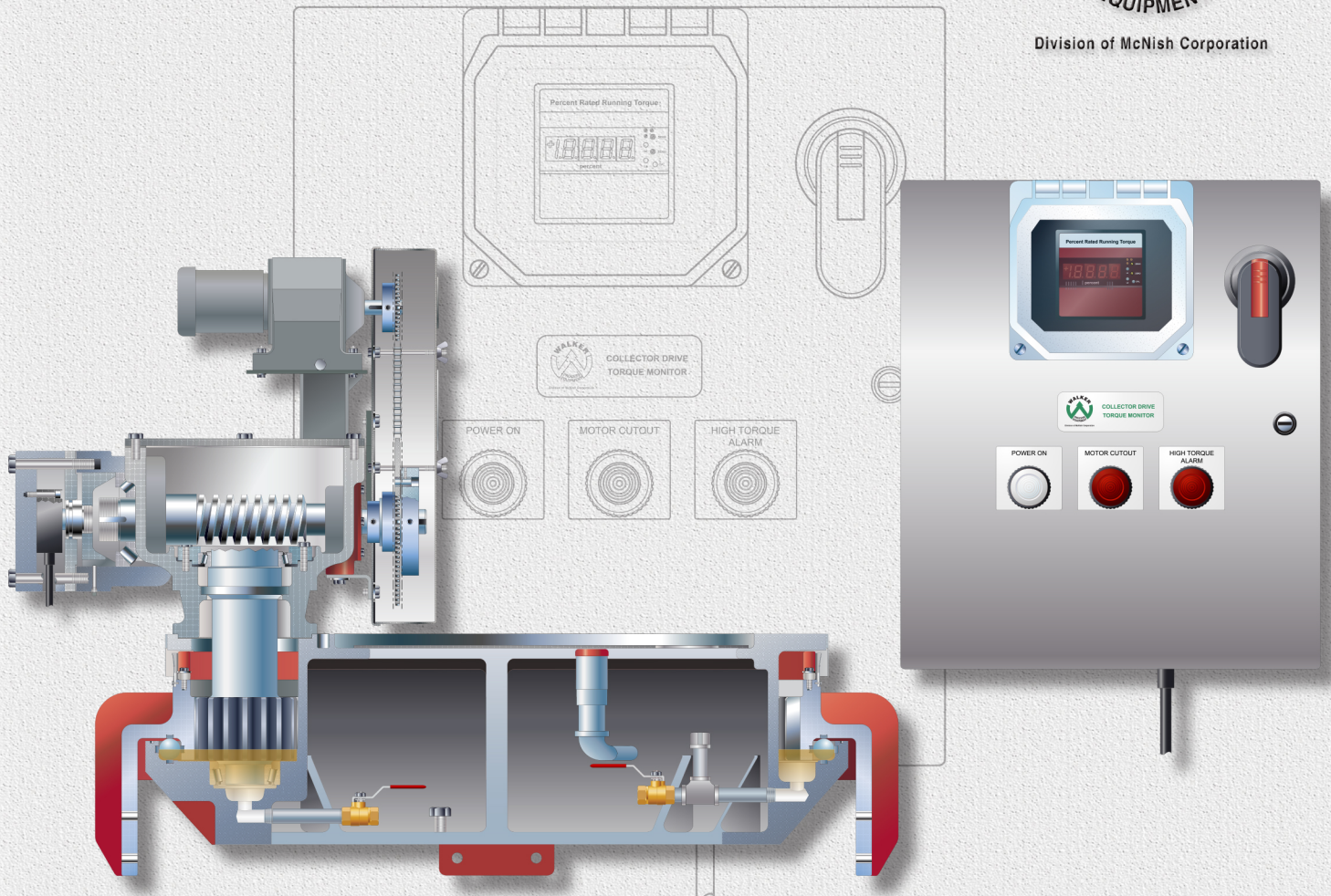


Walker Torque Monitor (WTM)

For Circular Collectors and Thickeners



Division of McNish Corporation



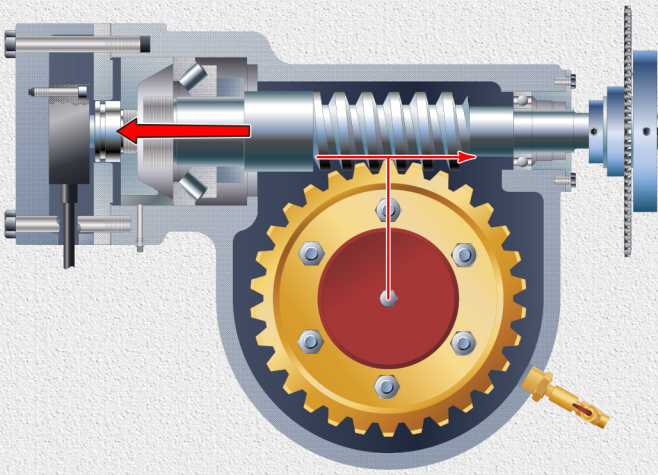
The WTM is a Newly Developed Torque Monitoring System that provides continuous and accurate indication of Torque Level at the gear and remotely through a 4-20 mA signal.

The **Walker Process® Torque Monitor (WTM)** provides accurate indication, through a digital display, of the torque being produced by the gear to rotate the mechanism.

The **WTM** system includes a precision load cell located in the gear housing that measures the level of load on the gear. A low voltage signal is transmitted from the load on the load cell to a signal conditioner located in a panel mounted near the drive unit. The signal conditioner displays the percent of full load torque on the face of the panel. The signal conditioner can also send a 4-20 mA signal for remote monitoring of torque in a SCADA control system.

TORQUE MONITOR

- Load Cell is Sealed in the Worm Gear Housing
- No Moving Parts
- NEMA 4X Panel
- Digital Indication of Percent Full Load Torque
- Factory Set and Field Adjustable Relays for Alarm and Motor cutout
- Provides 4 – 20 mA Signal for Remote Monitoring
- Available with USB Port for Recording Torque Level
- Can be Retrofitted to all Walker Process Drives

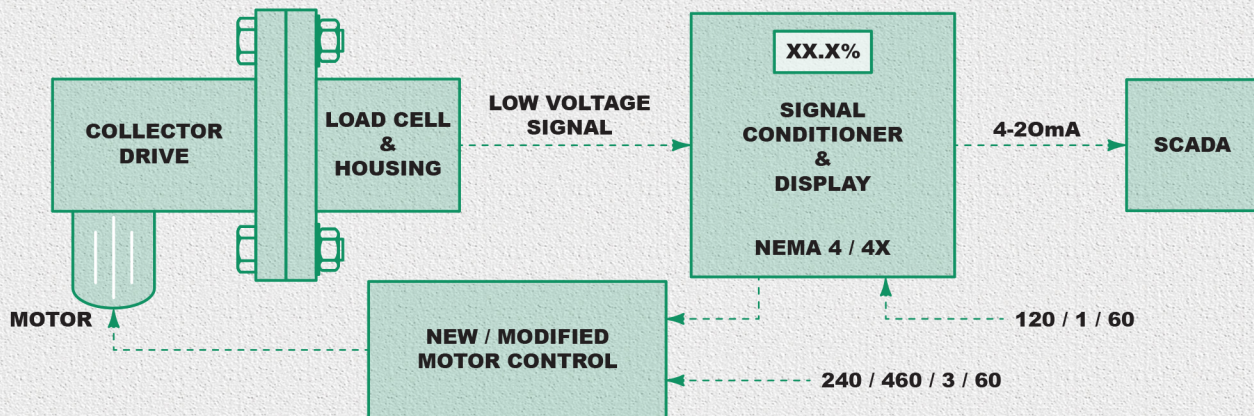


The load cell measures the worm shaft thrust required to rotate the worm gear. The force on the load cell has a direct relationship to the torque being produced by the gear to turn the mechanism.



Instrument Panel is mounted on the handrail and allows easier viewing of the digital readout at or near the drive unit.

The digital readout is mounted in a NEMA 4X panel that includes a disconnect switch and lights that indicate power on, high torque alarm, and motor cut-off.



- The Load Cell is sealed within the worm gear housing and does not have any moving parts that may require maintenance.
- The Instrument Panel is NEMA 4X and provided either in Fiberglass or 304 Stainless Steel.
- The basic Panel is provided with indicator lights for power on, high torque alarm, motor cutoff, and a digital display for percent of full torque.

Optional accessories include:

- USB data storage device to record torque levels.

Walker Process Equipment

Division of McNish Corporation

840 N. Russell Ave. • Aurora, IL 60506 • 1-800-992-5537

www.walker-process.com