

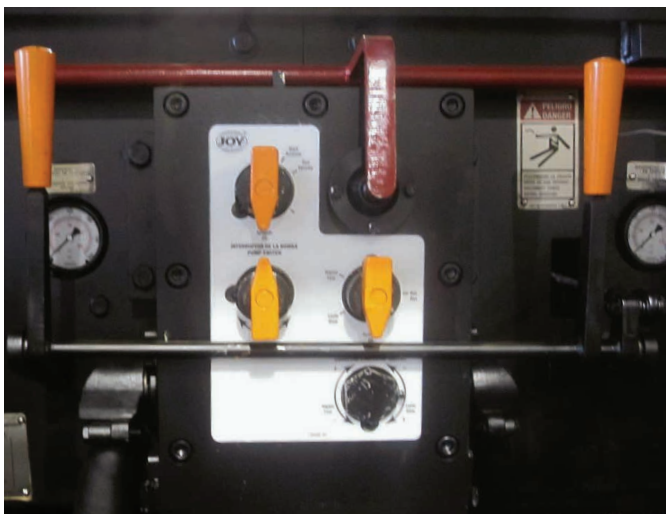
## OptiDrive for Shuttle Car Conveyors



The OptiDrive system for shuttle car conveyors reduces the shock loading of all the key conveyor drive components, increasing the reliability and availability of the conveyor system and components. The OptiDrive system gives operators the ability to adjust the shuttle car discharge rate to match the mine belt infrastructure.

### Key features

- The conveyor OptiDrive is the same OptiDrive system used in traction applications
- New AC conveyor motor utilizes the same mechanical package as existing conveyor motor
- New designs are based on proven Joy conveyor motors
- New AC conveyor motors are mechanically the same as Joy Global's non-VFD motors
- Windings have been re-designed to optimize the VFD outputs
- Single conveyor motor part number for multiple voltages and frequencies

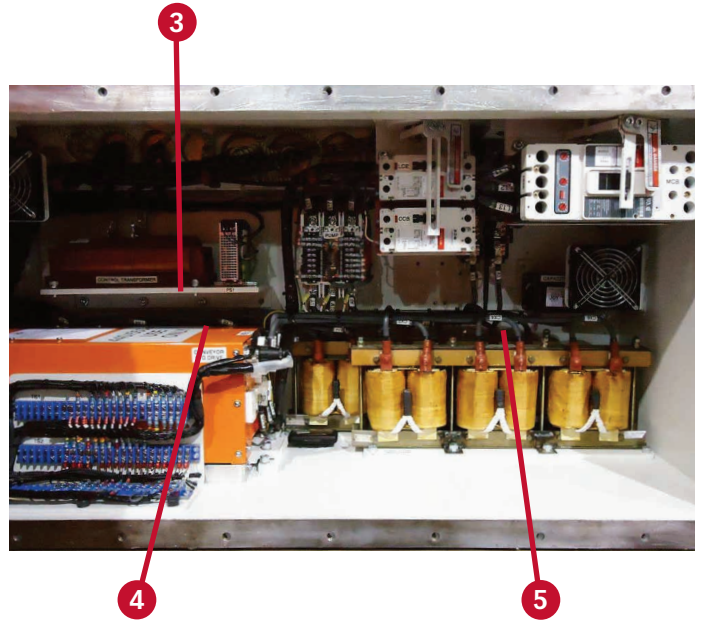
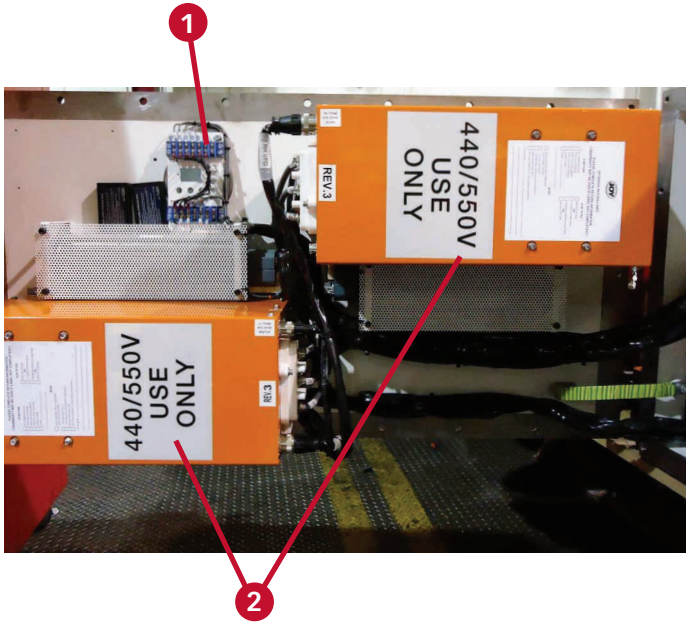


Control station conveyor VFD speed control



Diagnostic indicator lights in main controller

## Key controller case components



1. VFD diagnostic indicator lights
2. Traction VFDs
3. Conveyor inductor
4. Conveyor VFD
5. Tram inductors

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