



HIGHLIGHTS

- SFC Series clutch couplings are designed for tough environmental conditions
- FB Series magnetically set, electrically released brakes are pre-packaged and ready to install

Application Success Story



SFC Series Clutch Coupling & FB Series Brake Cement Plant Reclaimer

PROBLEM

A major U.S. cement manufacturer needed to replace the drivetrain components on a large limestone bridge reclaimer at one of its facilities. As the reclaimer bridge advances slowly on a pair of rails, a series of scrapers, mounted to a rotating chain drive, collects material from along the entire bottom facing edge of the pile and transfers it onto a conveyor for processing. A clutch coupling is used to drive the unit into position and a brake is required to hold it in the desired position.

SOLUTION

To meet the challenging application requirements, Warner Electric supplied a SFC-650 electric clutch coupling and a FB-650 electrically released brake.

Rugged SFC Series clutch couplings are ideal for use in adverse environmental conditions. Units feature a splined hub and adaptor that serve as a coupling for in-line shaft mounting applications. The 6.5 in. dia. flange-mounted SFC-650 clutch coupling has a static torque rating of 95 ft.lbs. and a max speed rating of 3,600 RPM.

Warner Electric FB Series magnetically set, electrically released, dynamic engagement brakes are shipped as a complete packaged assembly (including conduit box), ready for installation. Designed for dynamic stopping applications, the brake automatically engages when power is turned off. The 6.5 in. dia. FB-650 brake has a static torque rating of 56 ft.lbs. and a max speed rating of 3,600 RPM.

US (Application Assistance)
1-800-825-9050
warnerelectric.com

Europe
+33 (0) 2 41 21 24 76