HOW GEARBOXES KEEP COAL MINE CONVEYORS MOVING

Without the Falk gearbox within a conveyor system, mining operations would suffer in regard to efficiency, safety and reliability. With coal being the largest energy source for electricity generation on the planet, a dependable conveyor system keeps the world plugged in.

MINING AND THE FALK SPEED GEARBOX THROUGH TIME

3490 BC
Surface mining of coal begins in China. Ancient Aztec and Grecian civilizations take advantage of the fuel source later.

2ND CENTURY AD
Roman Emperor coal fields discovered in Roman Britain.

13TH CENTURY AD
Worm drive is invented.

AD 1575
Sir George Bruce of Carnock Culross extracts coal from beneath the sea.

18TH CENTURY AD
The Industrial Revolution drives demand for coal.

AD 1911
Herman Falk debuts the namesake gearbox.

FALK SPEED GEARBOXES KEEP COAL MOVING

Acting as a speed reducer, the Falk gearbox reduces an engine’s torque to slow a conveyor system. The transfer of power converts speed to torque or vice versa.

MINING CONVEYOR SYSTEMS WITH FALK GEARS

BELT CONveyor
CHAIN CONVEYOR
ROLLER CONVEYOR
STACKING CONVEYOR