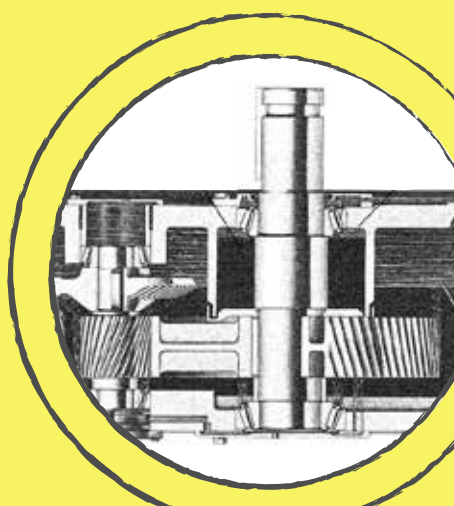


HOW GEARBOXES KEEP COAL MINE CONVEYORS MOVING



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



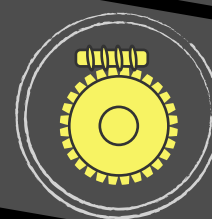
3490 BC

Surface mining of coal begins in China; ancient Aztec and Grecian civilization take advantage the fuel source later



2ND CENTURY AD

Romans exploit coalfields discovered in Roman Britain



13TH CENTURY AD

Worm drive is invented



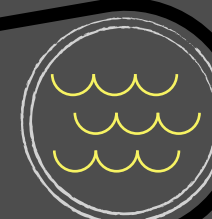
AD 1911

Herman Falk debuts the namesake gearbox



18TH CENTURY AD

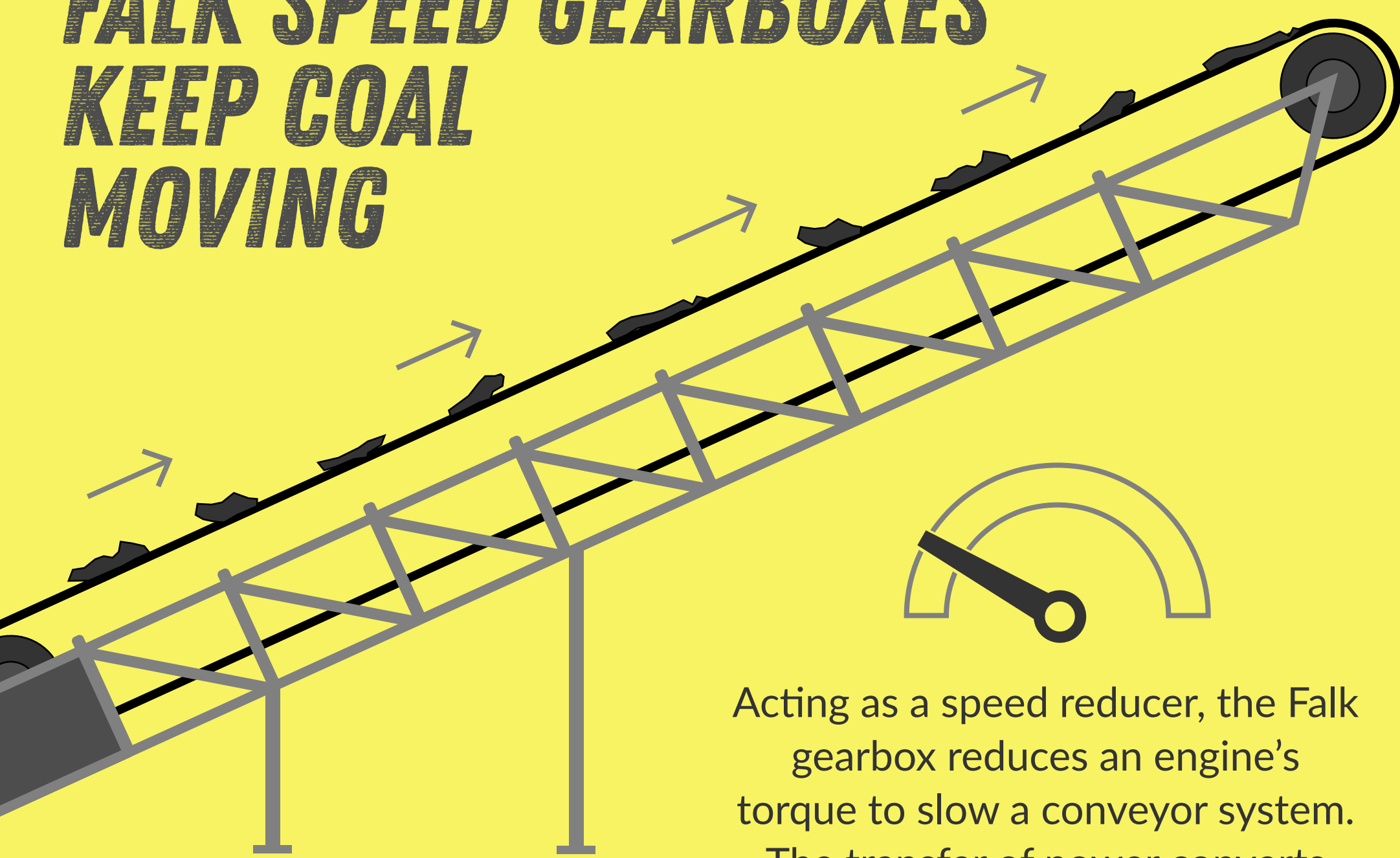
The Industrial Revolution drives demand for coal



AD 1575

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

FALK SPEED GEARBOXES KEEP COAL MOVING

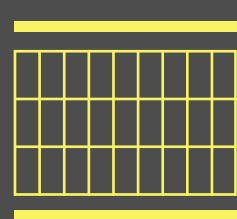


Acting as a speed reducer, the Falk gearbox reduces an engine's torque to slow a conveyor system. The transfer of power converts speed to torque or vice versa.

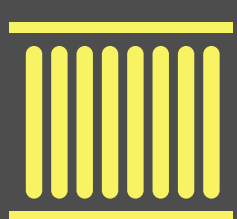
MINING CONVEYOR SYSTEMS WITH FALK GEARS



BELT CONVEYOR



CHAIN CONVEYOR



ROLLER CONVEYOR



STACKING CONVEYOR

Mar-Dustrial Sales, Inc.

Serving Industry Since 1947

www.mardustrial.com