

APPLICATION BULLETIN

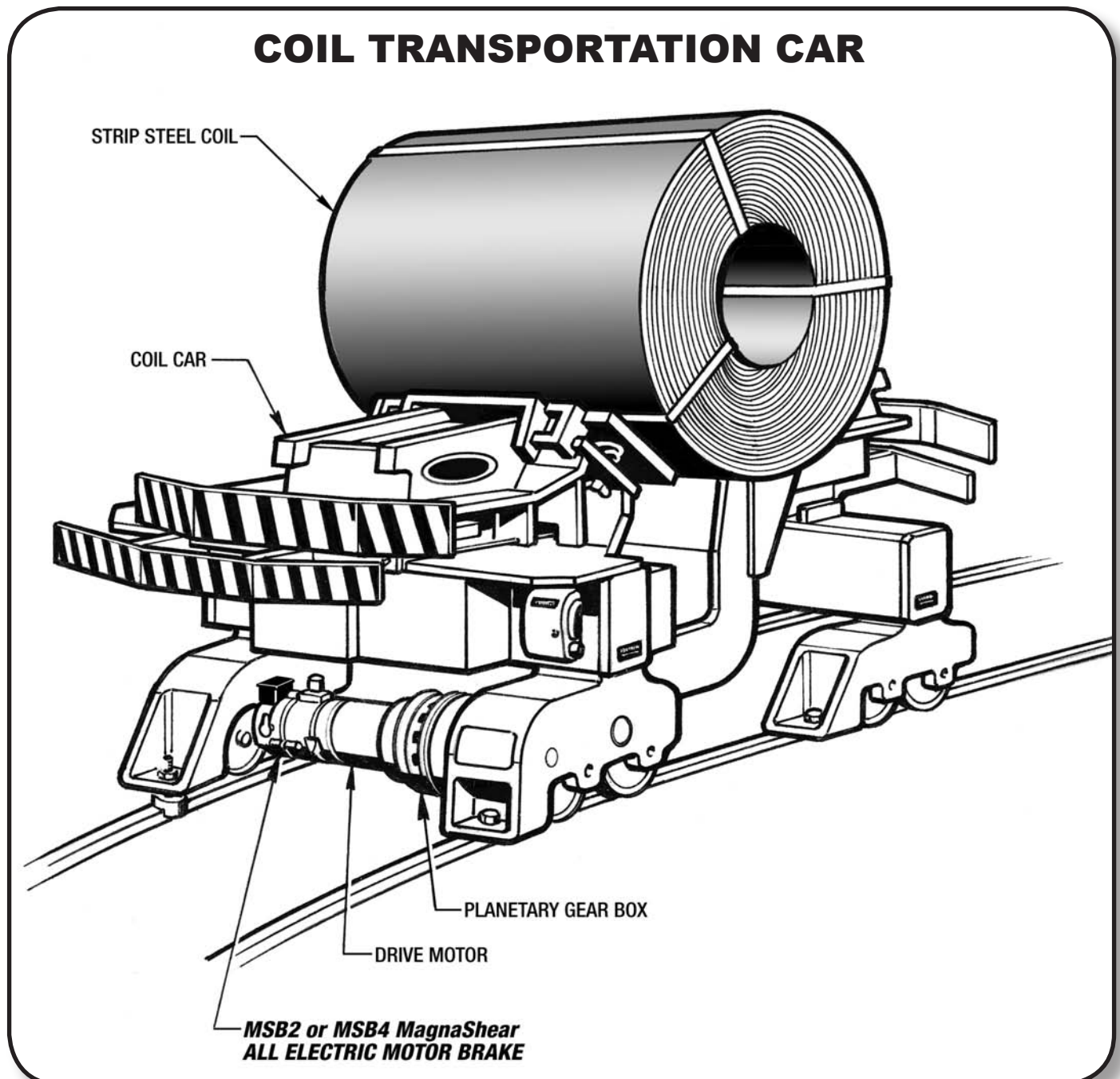


APPLICATION: Coil Transportation Car

INDUSTRY: Hot Strip Steel Mill

PRODUCT: Oil Shear All Electric MagnaShear Motor Brake

COIL TRANSPORTATION CAR



COIL TRANSPORTATION CAR

WHERE THEY ARE USED: The coil transportation car is used at various areas throughout the steel mill where the transportation of wrapped steel coils is required.

HOW THEY WORK: The coil transportation car consists of two separate drive motors with brakes for each rear wheel. The motors are energized and de-energized to move the car throughout the plant. The brakes are used to stop the car during operation and also during loading and unloading of the steel coils.

PROBLEM SOLVED: The existing motor brake requires a special motor adaptor and is open to the dirty mill environment, which can cause improper operation. Unlike dry friction brakes, the Force Control **MagnaShear** Motor Brake is completely sealed within its own clean environment and its operation is not affected by outside contaminants. The use of the **Oil Shear** technology in the motor brake also offers an extended lifetime of operation over other types of dry friction motor brakes.

IMPORTANT FEATURES:

- **Oil Shear** technology offers extended operating lifetime over dry friction type motor brakes.
- The totally enclosed sealed **MagnaShear** all electric motor brake is ideal for operation in the dusty, oily, dirty environment often found in steel mills.
- Long service life with little maintenance and no adjustments.



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