Prevent wheel slipping by using excellent railcar movers. by Gary Skinner

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Railroads are leveraged for shifting large quantities of material from one point to another. For businesses that rely on railcars for their logistics and freight movement, railcar movers make it an efficient process. Railcar movers offer an affordable method of moving freight cars between loading docks. The greatest advantage with railcar movers is their ability to be driven on the road as well as railroad tracks with ease. The couplers let them move discreetly around the yard without getting in the way of yard traffic.

Trackmobile railcar movers and parts â€“ industry leaders

The biggest name in railcar movers and parts is Trackmobile, acknowledged as the global leader in this industry. Their range of railcar models is fitted with original railcar movers parts and come with a number of state-of-the-art features designed to offer operators and owners maximum benefit.

One of the unique features of the Trackmobile mover range is its Max Tran and MaxTrac controller technology which prevents wheel slipping, keeping the wheels steady when the operator accelerates. Slip conditions are communicated to the throttle module, which in turn adjusts the engine torque request.

Another feature is the anti-lock braking which keeps the wheels from locking up at the time of hard braking by making dynamic brake pressure adjustments. While the Max Trac prevents wheel slipping, the Max Tran maximizes traction by transferring heavy weights from the railcar to the wheels for the Trackmobile.

The equipment experiences vibrations, sometimes, created by rail chatter and coupler movement. This is referred to as shock loading, which can result in component failure, necessitating the replacement of railcar mover parts.This usually happens as a result of the movement being transferred by the wheels to the railcar.

The steel wheel drive railcar movers tend to magnify shock loading by increasing pressure on the steel drive wheels using weight transfer coupling that derives weight from the railcar.

What about rubber tires?

Railcar moversâ€™ rubber tires support their weight, absorbing shock loads caused by vibrations. The non-weight transfer AAR couplers have a thick urethane shock absorber that minimizes shock loads as a result of coupler movement.

The latest Trackmobilerailcar movers with parts updated and the Max Tran system can gauge the weight and transfer it, doing away with operator guesswork. Alongside, the Max Trac system keeps the wheel from slipping while accelerating and stopping.

Railcar movers are indispensable equipment that tackle huge tasks. Used in rail-switching operations, usually in factories, they are equipped with rail wheels as well as road wheels, enabling them negotiate all types of surfaces ranging from roads and fields while moving towards rail lines where they push and pull railcars, positioning them exactly where they want them. The operator orchestrates the movements of the vehicle from the cab. The steel wheel movers use weight transfer while moving the railcars, adding traction to the mover and sending it on its way down a railway line.

The efficient functioning of the railcar mover and partsdepends on proper maintenance to ensure that the equipment is in top condition to perform its tasks.

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