

MACTON® Transportation Products

RAIL VEHICLE TURNTABLE

For Locomotive and Railcar Maintenance Yards



Macton is the worldwide leader in the design and manufacture of rotating structures, with turntables that are custom engineered to meet customer preferences and site requirements. Macton rail vehicle turntables are used to rotate a Railcar or Locomotive so that it may be transferred to another track or operate in the opposite direction on the same track. All turntables are custom-designed and manufactured to meet specific capacity and length requirements. Drive systems utilize variable speed motors for smooth start and stop functions, as well as quiet operation. Automatic wheel chocks and rotation locking devices are available, as well as an open or enclosed operator controls area. The bridge structure is available with a road surface as well as rails.

Macton fully assembles and tests all equipment at our facility prior to shipping to reduce onsite installation time and ensure that the Rail Vehicle Turntable will function as specified once installed.



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TYPICAL SPECIFICATIONS

Locomotive Turntable

Capacities and Dimensions

Turntable diameter..... 80 to 100 ft
Capacity 100 to 250 tons
Rail gage.....4' 8.5" (industry standard)

Turntable Rotation

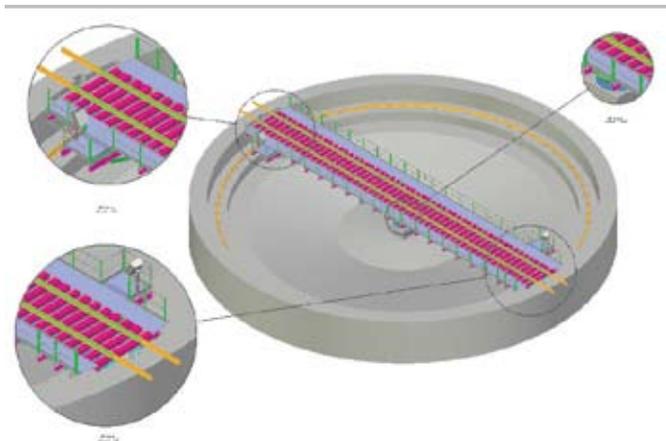
Rotation.....360 degrees
Locking pockets..... 2 pockets at 180 degree increments

Turntable Drive System

The turntable has two drives, one at each end of the turntable bridge. These drives shall be helical reduction gearboxes driven by AC variable speed exterior duty motors equipped with brakes.

Turntable Control

The turntable has two operator panels, one at each end of the bridge on opposite sides of the track. All turntable functions shall be controlled through an Automation Direct PLC with an operators interface display to show all operating errors for ease of diagnosing problems.



The above specifications apply to Macton's standard Locomotive Turntable. Macton combines over 30 years of Rail Shop Equipment experience with extensive in-house engineering capability to provide our customers with the option of custom-engineered systems to accommodate special applications or site requirements.

For more information on Locomotive Turntables and a complete list of Macton Rail Shop Equipment and Capabilities, please visit us on the web at macton.com or email Denise Louder at dlouder@macton.com.



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