

GRADALL®

Railroad Maintenance



**Greater working efficiency
and versatility for railway
construction and maintenance**

Gradall Railway Maintenance Machines represent the ideal combination of mobility and versatility, handling a wide range of maintenance and construction work for railroads, municipal railways, city transit systems and others involved in rail construction, repair and right-of-way work.



GRADALL BOOM ADVANTAGES

Gradall machines are distinguished by their low-profile, long-reach capabilities using the world-famous telescoping, tilting Gradall boom design. With a 220-degree full boom tilt capability, Gradall machines can efficiently use a range of attachments to build and repair rail crossings, clean up landslides, replace rails, spread ballast and cut back overhanging trees and other vegetation.

For even more attachment positioning versatility, Gradall offers an optional Kinshofer Nox-Tiltrotator, featuring 360-degree continuous attachment



rotation and another 110-degrees of boom tilt. The Nox-Tiltrotator also accommodates a wide range of attachments designed for railway maintenance efficiency, which can be changed hydraulically from the operator cab.

The Gradall carrier's short rear tail swing and low-profile telescoping boom create a compact profile, allowing Gradall machines to work efficiently under bridges and inside tunnels where knuckle booms won't fit.



GRADALL MOBILITY ADVANTAGES

Gradall is famous globally for introducing wheeled excavator mobility on highways as well as dirt. Gradall Railway Maintenance Machines can be quickly driven to rail crossings, where carriers are positioned over the tracks. When the rail gear system is lowered into place, the machine can be driven easily to one or more track repair and maintenance locations.

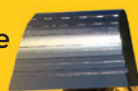
Choose from two systems, both designed for easy, efficient travel along with the security of automatic digging brakes:

- ✗ Neotec rail gear system uses hydrostatic drive for on-rail mobility. With the carrier wheels raised, hydrostatic drive speeds the carrier to the job site at about 15 mph, where wheels are hydraulically lowered for maximum stability during digging, lifting and ballast movement.
- ✗ Diversified rail gear system uses guides to position the carrier over the tracks and then uses the carrier's wheels for mobility – also maintaining excellent working stability.

Choose highway speed or on/off pavement models

Gradall offers Railway Maintenance

- ✗ Highway speed models can be driven over highways at 60 mph, without the need for a lowboy trailer. This enables them to get to rail crossings quickly and then back to the safety of the equipment yard at night.



Machines in two styles to meet varying needs:

- ✗ On/off pavement models efficiently travel over pavement at speeds typically exceeding 15 mph. After traveling over rails to the work site, these models demonstrate their exceptional stability, working in any direction.



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