

Gradall TrackStar

Highly Mobile Solutions for Rail Construction and Maintenance Work



Gradall TrackStar Rough Terrain Model

Gradall railway maintenance machines represent a unique combination of mobility and versatility, able to get to the job – either on rails or pavement – and then efficiently handle a wide range of maintenance and construction jobs.

Armed with Gradall's world-famous boom, these machines handle rail replacement and repair, trackside maintenance jobs and right-of-way and crossing work.

Gradall's full-tilting, telescoping, triangular boom is a legend in railway maintenance and repair, precisely positioning rails and ties, removing vegetation, demolishing concrete, spreading ballast or repairing

crossings with unmatched efficiency. Triangular in shape for extra strength, the entire boom tilts 220° to precisely position material or remove brush and trees quickly and easily. Because the entire boom tilts, there's no loss of power typical with boom-end tilt devices.

Maintenance and repair work in tunnels, on rail trestle bridges, under catenary systems or in other low-overhead locations is impossible with most machines. But Gradall's telescoping boom movement creates an exceptionally low working profile, enabling the machine to handle more work with greater speed and efficiency.

Gradall railway maintenance machines can respond quickly to handle on-rail emergencies or routine repairs. Available with a highway speed undercarriage, capable



- Ballast spreading
- Drainage ditch cleaning
- Landslide cleanup
- Tree and brush cutting
- Material handling
- Ballast tamping
- Land clearing
- Ditch cleaning
- Erosion control
- Mowing

Railway Maintenance Attachments

Equip your Gradall TrackStar rail machine with our productive maintenance of way tools:

- Ballast broom
- Ballast blade
- Ballast tamper
- Ballast bucket
- Sleeper charger
- Sleeper layer
- Truck undercutter
- Excavating buckets
- Ditching buckets
- Dredging buckets
- Grading blade
- Hydraulic hammer
- Grapple
- Tree limb shear
- Hydraulic coupler
- Flail mower
- Kinshofer Nox-Tiltrotator
- Boom extension

Visit www.gradallrail.com to find out more.



of speeds up to 60mph (96km/h), machines can get to crossing locations quickly, moving easily over rails to work sites and then back to the equipment yard at the end of the day.

Our rubber tire on-off pavement carriers travel at about 20mph (32km/h) depending on model, and are exceptionally stable, able to handle most tasks and work in any direction without the need for optional outriggers. Rubber tires avoid damage to pavement when working at crossings off-rail. And with the new XL 5330 V model, get even greater boom reach and lift capacity.

The new Rapid Drive option allows you to travel at speeds up to 30mph (48km/h), both forward and backward. The upper cab switch allows the operator to select the standard remote drive for speeds up to 5mph (8km/h), or the new Rapid Drive system for faster travel when the boom is parallel with the tracks. With a coupler and airbrakes, Rapid Drive provides the ability to tow along a railcar carrying materials like replacement ties or riprap, to and from the jobsite with one man and one machine.

Applications

- Rail and tie repair and replacement
- Crossing construction and repair
- Mass excavation and demolition
- Sand and snow removal
- Emergency response
- Bridge and tunnel repair
- New rail line construction
- Asphalt and concrete repair



Image: Gradall TrackStar Highway Speed Model w/Rapid Drive Option



The Gradall TrackStar's tilting and telescopic boom, equipped with an array of MOW attachments, handles everything from rail and tie repairs to vegetation control, landslide cleanup, and crossing repair. Even in tunnels and under bridges, the low-profile boom keeps working efficiently. Whether mounted on rough terrain or highway speed chassis options, TrackStar models deliver.



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