



GANTREX[®]
ON TRACK. WITH YOU.

Stackers Reclaimers

Of Critical Importance

Stackers and Reclaimers that handle limestone, coal and other bulk materials are crucial to the processing of mined and other loose material. Whether piling & storing minerals or reclaiming to prepare for shipping, costly down time caused by rail issues are not acceptable.

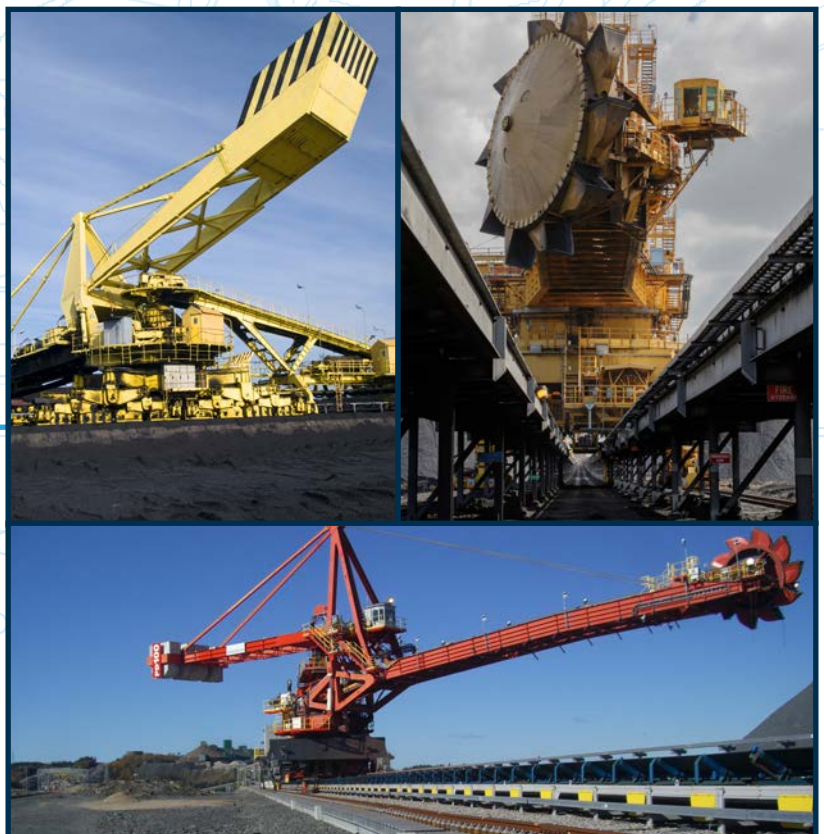
These machines typically run on rails supported by concrete foundations and impart dynamic loads to the rails via the wheels. Concrete supported runway details are often overlooked and, as a result, the maintenance and repairs to the runway and the machine itself are often accepted as the norm due to lack of attention to these runway details.



Design and Application

Stackers & reclaimers often have multiple rails of different sizes, as the wheel loads are not evenly distributed along the machine. Wheel forces are transferred from the rail to the support structure beneath. Left uncontrolled, these forces will eventually cause damage to all the components in the load path. Improper support can lead to misalignment, rail breaks, soleplate bending or premature grout failure.

The use of components designed to control wheel load forces to reduce shock and vibration, will maintain rail alignment and provide a predictable path to eliminate the fatigue damage caused by high vertical wheel loads produced by heavy machinery operation. GANTREX™ soft-mount rail support systems, along with properly selected rails, will improve the operation of even the most demanding stacker or reclaimer.





Gantrex is with you from the beginning to help design the rail system and choose the correct materials for the application. Boasting more than 45 years of experience and unparalleled references, Gantrex has implemented its solutions around the world, becoming the industry market leader. Our 300+ staff working at our production sites and sales & service centers around the globe allow Gantrex to work hand-in-hand with you to provide both applicationspecific solutions and/or installation services for your new or existing project.

State of the Art Solutions & Benefits

Gantrex' solutions involve the latest technology in crane and specialty rail track components and services, including:



- **RailLok™ adjustable crane rail clips** which are easier to install and help maintain critical rail tolerances while allowing for controlled longitudinal rail float.

- **RailLok™ crane rail pad** which reduces stresses into the runway structure while minimizing shock, vibration and noise to critical crane components and operational area.



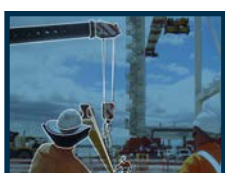
- **Continuous and intermittent soleplates** designed to suit the operating loads and conditions of the application. Ask us about the new **GANTREX® Adjustable Chair**, the first system to allow for vertical adjustment after the rail is installed.

- **GANTREX™ cement and epoxy grouts** which fully support the rail to eliminate high impact forces and allow for proper load distribution.



- **Oleo™ hydraulic crane buffers** providing controlled machine deceleration while reducing end forces and potential damage at the end of rail travel.

- **Rail selection and supply** via its global experience, direct access to rolling mills and its distribution network, Gantrex can supply the most efficient rail solution for your application.



- **Installation services** Gantrex specially trained installation teams can provide any number of services to suit your application and local market conditions including turnkey installation, rail welding services, rail surveys and inspections or supervision.