

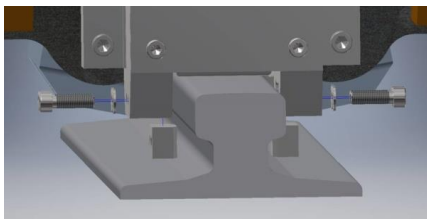


GRC Rides on the rail on two hardened flangeless cylindrical rollers, guided by hardened steel guides. Capable to accommodate rail with large vertical fluctuations.

GRC-GUIDED RAIL CLAMPS

GRC Guided Rail Clamps are designed to clamp on both sides of a rail.

They are spring set and hydraulically OR electrically released.



Applications:

- Ship to shore cranes
- Shiploaders
- Automated stacking cranes
- Stacker Reclaimers
- Wide Span Cranes
- Tripper Cars

Benefits

- Rail Clamp mechanism weight is distributed to two hardened, low friction flangeless Cylindrical Rollers.
- Top mounted hydraulic cylinder with no rod connection, easily removable for quick maintenance and replacement
- Serrated shoes protected from hitting the rail sides; limited wear and tear to guide means, brake shoes as well as rail head itself
- No need for lubrication points for the floating mechanism
- Simple design eliminates expensive replacement of profiled guide wheels with worn-out flanges
- Floating mechanism allowing compensation of horizontal $\pm 25\text{mm}$ and vertical $\pm 25\text{mm}$ rail deviation (more available upon request)
- Clamp release and reserve stroke monitoring by proximity switches
- Increased rail clamp safety and reliability while reducing maintenance costs

