

## LRC - LIMITED RAIL CLAMPS



**LRC is guided by hardened steel guides along the rail. Designed for cranes riding on a rail with minimum vertical fluctuations.**

LRC Limited 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
- Ship loaders
- Automated stacking cranes
- Stacker Reclaimers
- Wide Span Cranes
- Tripper Cars

### Benefits

- Rail Clamp mechanism guided along the rail with hardened steel guiding blocks
- Top mounted hydraulic cylinder with no rod connection, easily removable for quick maintenance and replacement
- Serrated shoes protected from hitting the rails sides by guiding blocks
- 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  $\pm 5\text{mm}$  rail deviation
- Clamp release indication signal provided by proximity switch
- Simple mechanism with small number of moving parts for easy maintenance

