

## RRC-RETRACTABLE RAIL CLAMPS



**RRC releases and retracts the mechanism completely above the rail head; no mechanical guiding means at rail level. Designed for modern high speeds cranes.**

RRC Retractable 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
- Rail-mounted material handling equipment
- Wide Span Cranes

### Benefits

- Simple single cylinder solution that lifts all the critical components completely free of the rail
- Serrated shoes protected from hitting the rail sides, no wear and tear to guide means, brake shoes as well as rail head itself
- No need for lubrication points for the floating mechanism
- The effect of the vibrations on the rail clamp mechanism during crane travel is minimized
- Floating mechanism allowing compensation of horizontal  $\pm 25\text{mm}$  and vertical  $\pm 25\text{mm}$  rail deviation (more available upon request)
- Top mounted hydraulic cylinder with no rod connection, easily removable for quick maintenance and replacement
- Clamp release, positioning and reserve stroke monitoring by proximity switches
- Increased reliability and safety while lowering maintenance costs

