

RB-C RAIL BRAKES - CLASSIC

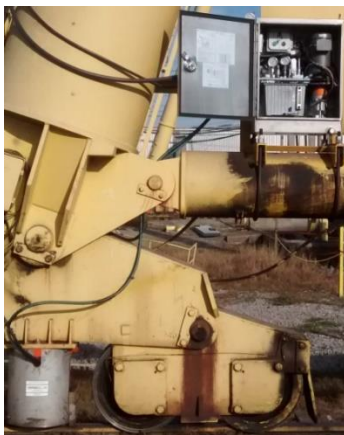


RB Rail Brakes directly apply spring force on the top of the rail while allowing a large rail vertical fluctuation.

RB Rail Brakes utilize the weight of a crane in the braking process and provide the braking force along the rail.

They are spring set and hydraulically released. Once released, the brake hangs above the rail at a pre-designed clearance.

Actual braking capacity depends on the applied force and applicable coefficient of friction (different for static and dynamic braking).



Applications:

- Ship to shore cranes
- Rail Mounted Gantry Cranes
- Automated stacking cranes
- Log Handling Cranes
- Wide Span Cranes
- Ship Loaders



Benefits

- Allows for large variations of the rail height by means of a longer spring stroke
- Provides a balanced braking force / stroke curve
- Serrated / Smooth shoes fully protected from hitting the top of the rail for less wear and tear
- Oversized longer lasting springs for reduced maintenance
- Flow control valve installed on the brake for controlled setting time
- Proximity switch for release indication
- Brake shoes easily removed and replaced
- Made with high quality structural steel
- Simple mechanism with small number of moving parts for easy maintenance