

The Railics system from Nijhuis Engineering is an Rail designated Rated Capacity Limiting Control System, with a 40-year proven design with a simple installation process that works on most equipment with a boom or extending components.

Rated Capacity Indicator (RCI) – Alerts operators when the machine is reaching a lift limit of the machine, which is calibrated at the time of installation.

Rated Capacity Limiter (RCL) - Prevents the motion or lift when the movement reaches a lift limit of the machine, which is calibrated at the time of installation.

⚙️ Work Area Limiter for Hydraulic Boom style equipment

- Slew Limiting for Rotation of Crane or Excavator
- Height Limiting for Booms or Cranes
- Virtual Wall to prevent encroachment into a Green Zone

⚙️ Works on All Brands

- Road Rail Vehicles (RRVs)
- Excavators of all sizes
- Mobile Elevated Work Platform (MEWP)
- Hi-Rail Trucks with Lifting devices
- Zoom Booms and Loaders

⚙️ Complies with

- European EN15746,
- UK RIS-1530
- Metrolinx Technical Standard

⚙️ Easy to use interface for onsite changes, by the operator

- Touchscreen Display
- Manager Key ensures job site SMS compliance
- Integrated black box style datalogger
- Easy to add Attachments as changed by operator
- Shows Operators actual lifted load

⚙️ Economical Installation

- Fast Calibration using market leading programming
- Maximum Capacity Simulated Load Charts for each machine
- Complete Installation within a few days



SPECIFICATIONS

- 7" Touchscreen display
- IP69 Stainless Steel angle indicators specially designed for dynamic operating machinery
- Special for excavators designed multi bank hydraulic cut out valve.
- Standard up to seven tools incorporated in the load and dimension calculation
- Big variety in programs: on rails, on tires, with extension jibs, hoists, pallet forks, clamps etc.
- Standard integrated height, slew and area limiter.
- All kinds of customizing possible.
- The system is supplied complete, with the exception of hydraulic connections
- Prefab connection modules makes fitting a matter of days
- Very fast start up time



RCI / RCL SAFETY SYSTEMS	ON BOARD WEIGHING SYSTEMS	CONSTRUCTIONS	AUXILLIARY PRODUCTS
NEN-EN13000 Weighing load limiters (for all hoisting machines)	Weighing system for wheel loaders	Jib extensions (optional: telescoping and/or winch)	radio or cable remote controls
NEN-EN 15746 Safety systems for hi-rail machinery	Weighing system for lift trucks	Access platforms (steel or aluminium)	NEN-EN 280 access platform modification
Hose break valves (electronic or mechanical)	Weighing system for agriculture trailers	Complete modification to hi-rail	Dry material weight detection
Digital height and area limiters	Weighing system for conveyor belts	Front mounting DIN couplers for snow plows	Access platform
Demolition crane limiters	Weighing system for Equipment	Special design and 3D engineering	You name it