

The Arealics system from Nijhuis Engineering is an Area 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.

⚙️ 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

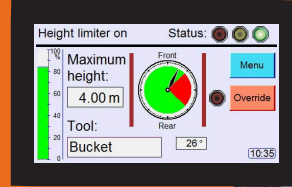
- Touchscreen Display
- Manager Key ensures job site SMS compliance
- Integrated black box style datalogger

⚙️ Easy to upgrade to the Railics System

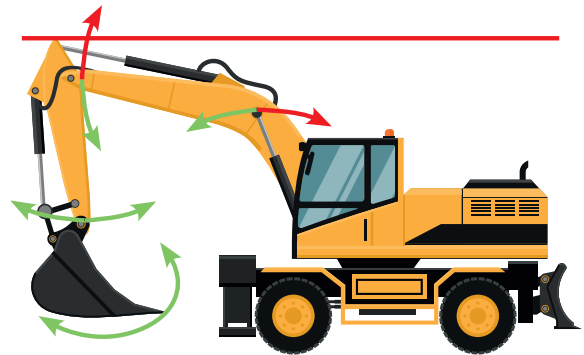


SPECIFICATIONS

- Touchscreen display
- Complete setting of the limiter through the touch screen in the cab
- IP67 Stainless steel angles sensors
- Maximum use of the limited working area
- Switches off the movement of each individual jib section or tool
- Possibility of individual implementation of all the different attachments
- Integrated "black box" data logger
- Can be fitted to all sorts of machines



	LOCKED	UNLOCKED
Main Jib	up	down
2nd Jib	up	down
Stick		both
Quick Coupler		both



SAFETY SYSTEMS	INTEGRATED WEIGHING SYSTEMS	CONSTRUCTION	AUXILIARIES
EN 13000 Rated capacity limiter (RCL) (all hoisting machines)	Weighing systems for wheel loaders	Complete modification of excavators to rail use & BE-AR rail suspension	NEN 280 access platform conversions
EN 15746 Rated capacity limiters (RCI/RCL) for Hi-rail excavators	Weighing systems for excavators	Hoisting extension jibs (Telescoping with or without a winch)	Remote controls
Height, slew & Area limiters	Weighing systems for conveyor belts	Access platforms (steel and aluminium)	Grade/ digging control
Hose break protection (electronic and pilot pressure)	Weighing system for agriculture trailers	Specials/ 3D engineering	Access platform