



BE-AR

RAIL SYSTEM



AUTOMATIC SLANTING CORRECTION

Railgeleiding

The BE-AR rail system (a joined project of BErende Spoorwerken & van ARkel van Nijhuis Engineering) resulted in this patented invention, incorporating an unique rail wheel guidance system, which is a simple leveling system and does not require a complicated control system. The parallel suspended rail wheel set creates a perfect rail guidance and on top of it a much improved stability for the machine, due to moving of the supports as near as possible to the rail wheels. The BE-AR system allows to use a high mobile load chart within the envelope of the EN-15746 standard .

Run high run low

The hydraulic drives enable the BEAR system to ride high on the rail wheels or low on the rubber tires. The advantage of running high is less wear of the tires and when running low a higher traction effort.



BE-AR rail system

- No oscillating axle making it safer to use .
- Heavier mobile load charts within the EN 15746 limits.
- BE-AR rail system can be fitted to all type of excavators.
- Due to one mobile load chart, easier to use for the operator.
- Less limitations for the machine , making it easier to plan.
- Complies to the EN15746 for safety, compatibility and rail use



Nijhuis Engineering Dronten BV is the right address for:

Safety-systems	Integrated weighing systems	Construction	Auxiliaries
EN 13000 Rated Capacity Limiter (RCL)) (for all hoisting machines)	Weighing system for wheel loaders	Complete modification to high rail use	NEN 280 access platform deversions
Rated Calacity Limiter (RCL) For high rail excavators	Weighing system for excavators	Hoisting jibs (Telescopic and /or with winch)	Remote control
Height and slew limiter	Weighing system for conveyor belts	Access (platforms)	Digging indication systems
Hose break system	Weigh system for agriculture trailers	Special constructions/ 3D engineering	