

Height limiter

This height limiter can be fitted to all sort of machines and is easy in operation. It prevents damage to machine and environment. To define the actual height we use the for earthmoving machines special designed angle sensors. These angle sensors can be fitted random (on a safe spot) to the different mast sections of the machines.

Setting the limit can simply be achieved by tapping the tough screen in front of the operator. The machine operator will set the maximum height and this setting can be seen, together with the actual height on the operating screen. The system calculates the resulting height from the positions of all mast sections. All height increasing movements are automatically stopped, as soon as the maximum height is reached. All height decreasing movements remain available to allow the operator to return to his working area. Because every mast section is incorporated in the total height calculation, it is possible to use the maximum available working area.

Specification of the many different attachments can be stored under a code in the system so the system can involve the dimensions of each attachment in the calculation if the actual height.



Specifications

4,3" 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

Nijhuis Engineering Dronten BV the right address for:

Safety systems	Integrated weighing systems	Construction	Auxillaries
EN 13000 Rated capacity limiter (RCL) (all hoisting machines)	Weighing systems for wheel loaders	Complete modification of excavators to rail use	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, slewa d Area limiters	Weighing systems for conveyor belts	Access platforms (steel and allkuminium)	Grade/ digging control
Hose break protection (electronic and pilot pressure)	Weighing system for agriculture trailers	Specials/ 3D engineering	Access platform