XWTele & XWFork Series
Height Limitation

The XWTele and XWFork are part of a suite of safety products from Xwatch that have been designed to couple clarity and simplicity with accuracy and reliability while complying with all the current industry standards. XWTele is specifically designed for telehandlers, XWFork for industrial and rough terrain fork lift trucks. Height limitation is controlled using outputs for boom up and tele extend on telehandlers, or forks up on fork lift trucks.

XWATCH
SAFETY SOLUTIONS

XWTele & XWFork Series Height Limitation

Operation is fail safe, fully automatic, and with function selection never more that two key presses away. On/off is selected with a single button push and can be protected with an optional access key switch.

A chassis sensor can be installed to correct for terrain slope and warn of maximum chassis angle. A system active beacon is a vailable to indicate that height limitation is in use.

A height limit can be either manually keyed in or set automatically by positioning the machine equipment at the required heig ht. Set up is simple, quick, and can be protected with an optional access key switch. All settings are retained and will be active on start-up.

Base system

Major components carry a **five year** guarantee excluding mis-use and physical damage.

IO Controller

Solid state, fully potted IP67, mounted in pump or engine bay. 4 x analogue inputs. 8 x digital inputs. 12 x output. All with full electrical protection and diagnostics, 2 x CAN bus. 11 - 30VDC. Manual key override for motion control valves.
<10mS program cycle time for accurate response.

Angle sensor

Compact solid state 3 axis accelerometer with gyro compensation. Stainless steel, IP67. CAN J1939. Steel mounting bracket. Can be mounted anywhere on the front end equipment in any orientation. Direct drive performance.
Not required for XWFork.

Display

Solid state, IP65, RAM mount to window or dash. 4.3" backlit colour LCD. 7 x backlit, tactile keys. 1 x CAN bus. 11 - 30VDC.

Extension sensors

ABS construction. Magnetic absolute encoder. IP67/69. CAN J1939. Anti-snag breakaway.Sub-millimeter resolution.

Options

Access key switch	Prevents/allows setting changes
Beacon	RCI is active indication
Platform sensor	Monitors chassis pitch and roll angles
Data Logger	CAN bus mounted event recorder with SD card
Extension sensor	Standard 3.0m. Optional 5.0m and 10.0m
12VDC Valve coils	No cost option for smaller machines