

XW TMI

XW Total Moment Indicator

Suitable for

- Suitable for
- Loading shovels
- Skid steers
- Excavators
- Truck mounted cranes
- Barge mounted cranes



XW TMI is one of a suite of safety products from XWatch that has been designed to couple clarity and simplicity with accuracy and reliability while complying with all the current industry standards. XW TMI can be configured to work on most types of hydraulic plant. XW TMI provides overload protection with optional motion control to prevent unsafe operation, and allows the machine to be used to its full capacity.

XW TMI Total Movement Indicator



XW TMI is the economical solution for general civil lifting activities. XW TMI is calibrated with bare front end equipment ensuring accurate operation regardless of attached implements, load radius, and load height.

XW TMI is available with either a colour LCD display, or a simple 'traffic light' indicator.

Both systems provide internal and external alarms, and an TMI ON cab roof beacon. An optional Supervisor key switch is available for the LCD display to prevent tampering. Telematics is also available as an option. Where motion control valves are fitted, the LCD version can provide angular height limitation.

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. 8 x output. All with full electrical protection and diagnostics, 2 x CAN bus. 8 - 32VDC. Manual key override for motion control valves. <10mS program cycle time with all features enabled.

Angle sensors

Compact solid state 3 axis accelerometer. ABS, IP67. CAN J1939. Nylon mounting plate. XW TMI only requires a single angle sensor mounted on the first hydraulically operated articulation.

Display

Solid state, IP65, RAM mount to window or dash. 2.8" backlit colour LCD. 6 x backlit, tactile keys. 1 x CAN bus. 8 - 32VDC. Optional IP65 LED traffic light indicator with integral anti-tamper key switch.

Pressure sensors

2 x IP67 stainless steel 400 bar 4 - 20mA pressure transducers cylinder mounted on the first articulation.