

# ROAD SPEED LIMITERS FOR EUI ENGINES

The **Muirhead®** Road Speed Limiter interfaces into the Original Equipment Manufacturers electronic throttle position sensor and controls the trucks speed by adjusting the throttle and does not require locking out the machine's high gears. The system is fully programmable and can have two speed limiting set points. Generally, one set point is for travelling unloaded and the second set point is for travelling loaded.

The system operates by sensing the voltage signal coming in from the throttle pedal and outputs exactly the same signal to the Electronic Control Module (ECM).

The system also has a frequency input that senses the speed of the machine and is programmable in its calibration. Where the maximum desired speed is sensed, the speed limiter starts to decelerate the throttle to slow the machine down. The rate in which the engine is decelerated is also programmable.

The system, having two set points, makes it ideal for dump trucks which regularly have trouble due to overheating of tyres. It is also ideal for limiting the top speed of machines in dangerous areas where road conditions are not conducive to high speeding. Using this system still allows the machine to have access to all gears and there is no need to lockout gears to try and reduce the speeds of the vehicles.

## FEATURES & BENEFITS:

- Fully programmable
- Software adjustable settings
- Selectable speed settings
- Tamper resistant design
- Interfaces directly into OEM electronic throttle
- Does not lock out the machine's high gears
- Reduces speed related accidents
- Increases workplace safety
- Reduces running costs & component wear (engine & tyres)
- Operator can use all gears for maximum efficiency
- Operator can operate the machine at its optimum, loaded or empty



Typical control unit to suit  
EUI engines

Each kit is custom built to suit the application.  
For more information on speed limiters to suit  
EUI engines, please contact us.



Test Equipment is also available to make calibration easier.

RCT Distributor and Service Provider

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