

System 80 Speed Limiter

The proven mechanical speed limiter for cable-throttle vehicles. Robust, reliable, and trusted worldwide for decades.

Key Benefits

✓ Unmatched Reliability

With no electronic components, the System 80 is immune to the electrical failures, water ingress, vibration damage, and software glitches that can affect electronic speed limiters. It operates in extreme heat, extreme cold, dust, and wet conditions without degradation. This makes it the preferred choice for vehicles operating in harsh environments — construction sites, quarries, mines, agricultural land, and developing markets with limited technical support infrastructure.

✓ The Simplest Installation

A trained installer can fit a System 80 in under 90 minutes on most vehicles. The installation requires no specialist diagnostic equipment, no laptop, no CAN bus configuration, and no ECU programming. The unit is installed inline with the existing throttle cable — a straightforward mechanical procedure that any competent vehicle technician can perform.

✓ Lowest Total Cost of Ownership

No firmware updates. No annual software licences. No calibration drift requiring recalibration visits. No battery replacements. The System 80's maintenance requirement is limited to periodic inspection of the cable linkage and tamper seal — typically aligned with the vehicle's existing service schedule. For fleet operators managing hundreds or thousands of vehicles across multiple countries, this simplicity translates directly into lower operating costs.

✓ Globally Certified

The System 80 is type-approved under EU/ECE Regulation R89 and holds certifications from UTAC (France), TÜV (Germany), and VCA (United Kingdom). These approvals are recognised by enforcement agencies across Europe, the Middle East, Africa, and Asia — making the System 80 a single product that can be deployed across an international fleet without requiring different hardware for different territories.

Technical Specifications

Operating Principle	Mechanical throttle cable restriction
Throttle Type	Bowden cable (mechanical)
Speed Setting Range	20–120 km/h (adjustable at installation)
Speed Accuracy	± 1 km/h at set speed
Power Supply	None required (purely mechanical)

Contact Us

Phone: +44 (0) 1257 249928

Email: info@autokontrol.com

Web: autokontrol.com

Address: Drumhead Road, Chorley, Lancashire, PR6 7BX, UK

Get a Free Quote
autokontrol.com/get-a-quote

Compatible Vehicles

Developing market fleets where electronic infrastructure and diagnostic support are limited

Construction and plant vehicles operating in harsh, dusty, or wet environments where electronics are vulnerable

Older commercial vehicles with cable-throttle systems that predate CAN bus technology

Agricultural vehicles required to comply with speed limits on public roads

Budget-conscious fleet operators who need reliable speed compliance without the cost of electronic systems

Mixed fleets where some vehicles have cable throttles and others have electronic — the System 80 covers the mechanical side while the DBW covers the electronic side

Contact Us

Phone: +44 (0) 1257 249928

Email: info@autokontrol.com

Web: autokontrol.com

Address: Drumhead Road, Chorley, Lancashire, PR6 7BX, UK

Get a Free Quote

autokontrol.com/get-a-quote