

Idle-Stop™

Retrofit Controller restricts Engine Idling



Thermex Smart Controller Automates Idle Shutdown



Cargo Handling Equipment used in Intermodal Yards including container handlers, RTG cranes and terminal tractors are frequently left idling whenever an operator vacates the cab. Whether it's to keep cool in the summer or warm during the winter, operators generally default to leaving machines running whenever they step out. This is a needless cost for fleet owners and often can exceed 20% of total CHE emissions. Thermex has the answer to this expensive waste...

Idling is Costly: Excess fuel consumption, shrinking maintenance intervals and shortened engine life are well documented costs resulting from excess idling. Furthermore the newer Tier 4 engines are not designed to sustain excess idling and their DPF filters soon plug up, triggering frequent Regen events. Idling-induced DPF replacement is a heavy maintenance expense and ramped-up Regen activity accumulates ongoing downtime.

The Solution: THERMEX provides an Idle Shutdown Smart Controller that automates “empty seat engine shutdown” and protects your CHE machines from needless accelerated costs. Dependence on an operator’s decision becomes redundant because **Idle-Stop™** takes over from the moment the seat is vacated.

How it works: The equipment owner selects a time delay setting ranging from 1 to 15 minutes which is adjustable within the Idle-Stop Controller. Once the operator departs, after the pre-selected time has elapsed the engine will shut down. An auxiliary circuit becomes activated to enable a coolant heater or any required safety lighting during the shutdown interval. When the operator resumes his seat the ignition circuit is immediately re-activated and ready for restart.

Reducing Carbon Footprint has now become a profit center - Call 800-865-1532 today and we'll help you calculate the **real financial benefits of Idle Reduction**

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