



Maximize control and minimize emission and noise with Hiab Engine Control

With rising fuel costs and stricter environmental regulations, unnecessary idling and over-revving are no longer acceptable. Engine Control is an intelligent solution, available for all remote operated HIAB and EFFER loader cranes powered by the SPACEevo control system technology, that automatically manages your truck's engine power - delivering exactly what the crane needs, precisely when it's needed.

By continuously matching engine performance to real hydraulic demand, Engine Control reduces idle time, limits excessive RPM, and can deliver diesel fuel savings of up to 40%* without compromising speed, precision or lifting performance.

*Exact result depends on the configuration. In this example, a small fixed pump is used and all engine control features are enabled.



Automatic Start/Stop

No idling, no wasted fuel. The engine shuts down automatically when the crane is inactive and restarts instantly the moment you move a control.



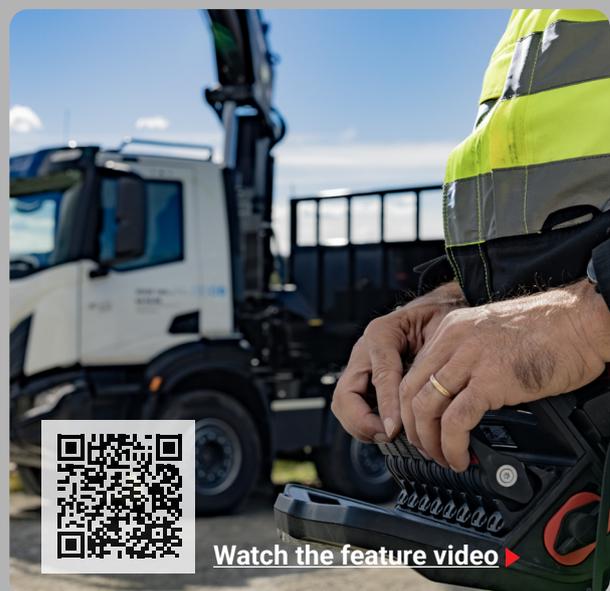
Dynamic RPM control

Power that adapts in real time. Engine speed automatically adjusts to hydraulic demand, reducing rev spikes, fuel consumption and noise.



Remote engine control

Stay in control from your safety zone. Start or stop the truck's engine directly from your remote control - no need to return to the cab.





Drive performance. Deliver profit.

Modern fleet operations demand more than performance alone. Today's operators need solutions that improve working conditions, reduce operating costs, and meet tightening environmental standards - without adding complexity.

Engine Control is designed to deliver exactly that. By intelligently optimizing engine performance in real time, it creates safer working environments, lowers fuel consumption, and supports compliance with noise and emission regulations.

Below, we outline the key value areas where Engine Control makes a measurable difference.

Enhance operator comfort and safety

Noise is an often-overlooked risk that contributes to fatigue and stress. Engine Control significantly lowers average engine RPM and reduces hydraulic pressure surges, creating a calmer, more controlled working environment. Lower noise levels improve communication between the operator and ground crew - supporting safer, more efficient operations.

Lower fuel costs and longer engine life

Fuel is one of the largest operating costs for any fleet. By combining Automatic Start/Stop with Dynamic RPM Control, Engine Control can reduce diesel consumption by up to 40%*. At the same time, limiting excessive RPM reduces mechanical stress on the truck engine, helping extend service intervals and overall engine life.

Comply with emission and noise regulations

Meet increasingly strict requirements for CO2 emissions, noise limits, and green tender criteria. Whether working in city centres, residential areas, or restricted zones, reduced emissions and lower noise levels help position your business as a responsible and preferred logistics partner.

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Standard Engine Control with Full Controller Integration

Engine Control is standard on the new generation of SPACEevo cranes and can also be retrofitted to all SPACEevo-based systems. Fully integrated with CombiDrive 4 and XSDrive remote controls, it gives operators direct command of engine functions along with real-time feedback on engine status and RPM.



Ready to stop idling and start saving?

[Contact your local Hiab dealer today](#) ▶

Does eco-efficiency mean more revenue? Let's find out.

[Try our value calculator](#) ▶

