

LOOKING FOR DIAGNOSTICS INDEPENDENCE?

Jaltest all-makes diagnostics takes you there

In the construction machinery world, the mentality of fixing things only when they are broken is a costly approach to business. The complex machinery that carries out the jobs are of great value. Every hour of downtime is a lost opportunity and a hit to your budget. When managing your fleet, a detailed maintenance schedule will make sure all is working properly. Unfortunately, for some manufacturers, it means calling the OEM dealer to make a visit and working around their schedule, making it difficult to coordinate and maintain your fleet of machines.

In today's fast-paced world, the ideal scenario is to have a solution that makes you independent and allows you to identify what is wrong with your machine, to read what codes it has, to calibrate whatever it is you want to modify and then clear everything. If in the process, you include wiring diagrams and troubleshooting guides to make life easier, well, then that's success.

All-makes diagnostics machines have only just begun to sprout in the construction world, but they are becoming an incredibly important element in the service aspect of this field. A diagnostics tool gives you the freedom of

not depending on the dealer, allowing you to organize yourself, to be independent and control your maintenance schedule as well as reduce your downtime. Every time there are implement modifications, there are adjustments that require software, and until now, expensive dealer visits.



104	Makes covered
2,044	Models covered
9,163	Systems
5,397	Systems with technical information
6,000	Systems with wiring diagrams

tool, meaning that it doesn't target the engine exclusively but also looks into the transmission, hydraulic systems, central computer and more. If it has electronics and is on your vehicle, Jaltest has you covered.

One of the main features of Jaltest OHW Diagnostics is that of the specific system calibrations. When you are talking about heavy machinery, this is a key feature as the force they apply to fulfill their tasks generates a need for recalibrating them.

Jaltest Off-Highway (OHW) Diagnostics is an all makes, all models diagnostics solution for the construction machinery market, covering the whole spectrum from heavy machinery, gensets and compact machinery, to telehandlers and lifts. It is an all-in-one tool that allows you to read and clear codes, to troubleshoot the issues that may arise, to calibrate your engine settings, and set parameters. It is a full system

IMPLEMENT 1, PRESSURE ACCUMULATOR	ENABLED	ENABLED
IMPLEMENT 1, OIL PRESSURE RELIEF VALVE	VALVE ENABLED FOR HYDRAULIC BREAKER	VALVE ENABLED FOR HYDRAU...
IMPLEMENT 1, OIL FLOW CONTROL SOLENOID VALVE	SPOOL VALVE	SPOOL VALVE
IMPLEMENT 1, AUXILIARY HYDRAULIC VALVE	DISABLED	DISABLED
IMPLEMENT 1, HYDRAULIC BREAKER OIL RELIEF PRESSURE	508 bar	508
IMPLEMENT 1, TORQUE SPEED CONTROL	NOT CONFIGURED	
IMPLEMENT 1, HEAVY IMPLEMENT CONTROL	ENABLED	ENABLED
IMPLEMENT 1, MAXIMUM ENGINE TORQUE	765 Nm	765

Modify your implements through Jaltest calibration settings. Set the hydraulic flow, the power and all necessary adjustments.

Steven Perez, a bulldozer operator for Lopefra Corporation in Miami, Florida, says sometimes his bulldozer will begin tilting right just days into a job. This is caused by the difference in speed of the two power belts when the applied load is not uniform, what usually happens in a job site. "When this happens, it makes my job much harder because I have to be correcting all the time in order to follow a straight line," Perez says. "Until now, I had to adjust and wait to finish the job because stopping for the dealer to come out was just not an option. Now, our techs come out with their Jaltest scanner and they adjust the angles and set up a new calibration in a few minutes. This fixes the issue and has me running like new again."

This allows Perez to operate more efficiently, which in turn benefits the company's efficiency. Gary Johnson, an excavator operator from a construction company in

Kansas City, also takes advantage of the ability to adjust settings. On a recent big project, he was set to reach his deadline. In the last aspect of the job, Johnson was hammering with a small implement when he ran into a rock, which was bigger and harder than his hammer could manage. He was able to relay a larger, more powerful hammer from another site, but after adjusting the implement it turned out that the setting was not stored in his excavator. What seemed to be a simple issue of swapping an implement turned into an unsolvable problem that would normally require him to spend time calling the dealer and pay a huge fee for the implement setting. Fortunately, his company has a Jaltest OHW Diagnostics unit.

Johnson called the technician to connect to his excavator and add the new implement. Once the big hammer was added, the hydraulic flow needed to be adjusted to fit the higher power demand, the engine speed needed to be adjusted, and the different work modes of the new implement (eco, normal and maximum) also needed adjusting. Once these adjustments were made, the excavator identified the settings and was ready to operate in optimal conditions. Gary was then able to finish his job with a minimal delay.

When you are on a job and time is of the essence, being able to apply a quick and simple solution at no additional cost comes out saving you thousands of dollars and saving time on the job. In this world where we all look to strive in efficiency and results, this tool will take you further.

