DIAGNOSTICS, TELEMATICS & TOOLS

jaltest OHW

CATALOG

CV AGV OHW marine ISOBUS CONTROL TOOLS

jaltest BY COJALI

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JALTEST. INDUSTRY-LEADING DIAGNOSTICS & TECHNICAL SOLUTIONS

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JALTEST OHW //

All-makes, all-systems diagnostics tool developed to support technicians in the repair and maintenance of construction machinery, construction equipment and to modify settings and parameters in an easy and intuitive manner.

Jaltest is not limited to reading fault codes on vehicle systems, it also features bi-directional controls and guided troubleshooting.

Jaltest after-sales support is focused on delivering professional services to the shop through:

1. Technical Assistance.
2. Training & e-Learning.
3. Specialized Customer Support.

NEW LINK V9 //

FASTER CONNECTION RATE (BAUD RATE).
Improved performance and communication with a speed increase in the data transfer and processing, both in VCI-PC and VCI-system.

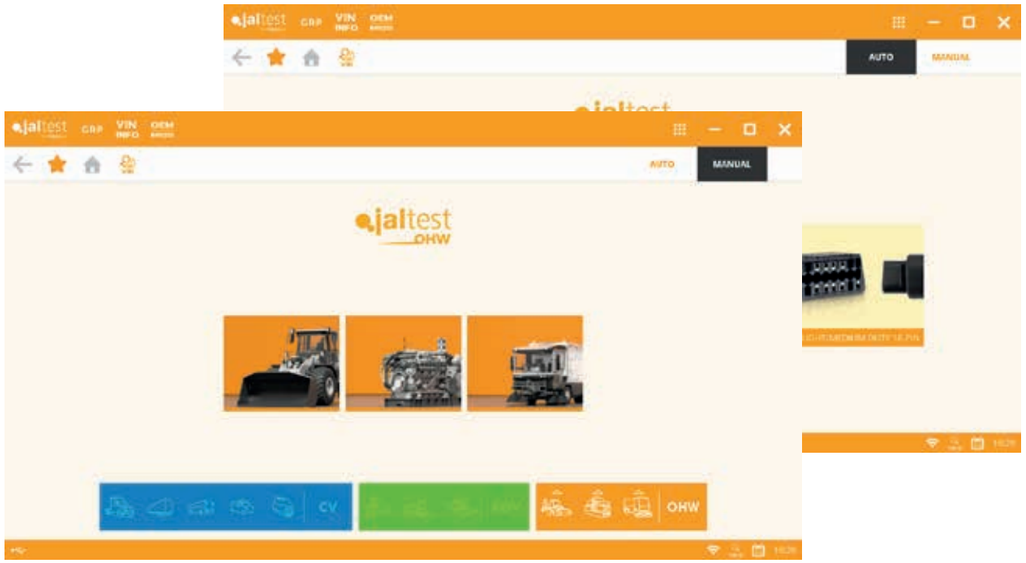
USB AND SUBD26 CONNECTOR PROTECTION (POKA YOKE MODEL).
Protection and integrity of the connectors that have a mistake-proofing design.

ROBUST ELECTRONICS AND ENHANCED COMMUNICATION CAPABILITIES.
Greater connectivity, new supported communication protocols and extended multiplexor.

IMPACT ABSORPTION.
Design with a rugged covering that protects against falls and scratches. As an IP40 certified product, when connected, the Jaltest V9 is water and dust resistant.

COMPACT AND LIGHT.
Reduced weight, Jaltest V9 is 76% lighter than its predecessor. It offers the possibility of attaching a lanyard to facilitate the use of the device.

LIGHTER,
FASTER,
BETTER



MORE VISUAL,
MORE INTUITIVE

NEW GRAPHIC INTERFACE //

FAST INSTALLATION AND HANDLING.
Optimized software to reduce the installation and update time, as well as a shorter response time.

CUSTOMIZABLE.
Responsive design that adapts to all screen types and sizes. It enables the user to configure the shortcuts, customize the working area and define the visualization according to the user needs.

EVERYTHING IN ONE SINGLE DISPLAY.
It offers the user all the information needed in one single display. It enables them to visualize the maximum number of functions, make a search, etc.

ELEGANT DESIGN WITH BRIGHTER COLORS.
Clean, minimalist and elegant design to favor the visualization of graphics, icons and colors.

ALL-MAKES AND ALL-SYSTEMS COVERAGE

Jaltest OHW is the benchmark in the construction machinery industry when talking about diagnostics. Jaltest OHW allows the user to be effective and efficient in the repair process.
In line with the functionalities of the rest of Jaltest products, this version comes with great coverage, key system access and advanced functionalities. All of this will give the user the power to read and clear codes, set paratmeters, adjust settings and use all necessary technical information. All of this, plus specific cables for each manufacturer to make the process as seamless as possible.

CONSTRUCTION MACHINERY

STATIONARY ENGINES

STREET SWEEPERS

Jaltest OHW is always looking to improve. In this process, Jaltest OHW will offer 3 yearly updates in a consistent manner. Every 4 months there are new features included such as new models, makes, systems and most importantly, functionalities requested by the customers directly to help them out in their activity.

COVERAGE // UP TO 110 BRANDS

BOBCAT	GROVE	KOMATSU
CASE CE	HITACHI	LIEBHERR
CATERPILLAR	JCB	NEW HOLLAND CE
DOOSAN	JOHN DEERE	VOLVO CE

MORE THAN DIAGNOSTICS

With Jaltest, technicians will have access to a wide range of functionalities which will guide them through the vehicle repair process:

This are some of the features that make Jaltest the Industry's Leading Diagnostics tool:

1. **GRP** (Garage Resource Planning). Workshop and Customer/Vehicle Record Management.
2. **VIN information.**
3. **RP1210** Protocol compliant software (OEM).
4. **Diagnostics menu.**
5. **System technical data.**
6. **Wiring diagrams, and fuses and relay boxes.**
7. **Vehicle technical data.**
8. **Troubleshooting guides by symptoms.**
9. **Technical releases.**
10. **Component replacement guides.**
11. **Troubleshooting guides by fault codes.**

SOFTWARE //

GUIDED DIAGNOSTICS

Jaltest provides the necessary information to repair off-highway machinery breakdowns in an easy and effective way:

1. Component technical data.
2. Wiring, system and fuse diagrams.
3. Machine service data for equipment inspections.
4. Equipment technical data.
5. Troubleshooting by symptoms of the most common failures on the machinery.
6. Releases and procedures with manufacturer information.

JALTEST GUIDES YOU WITH ADDITIONAL INFORMATION TO ASSIST IN THE REPAIR PROCESSS

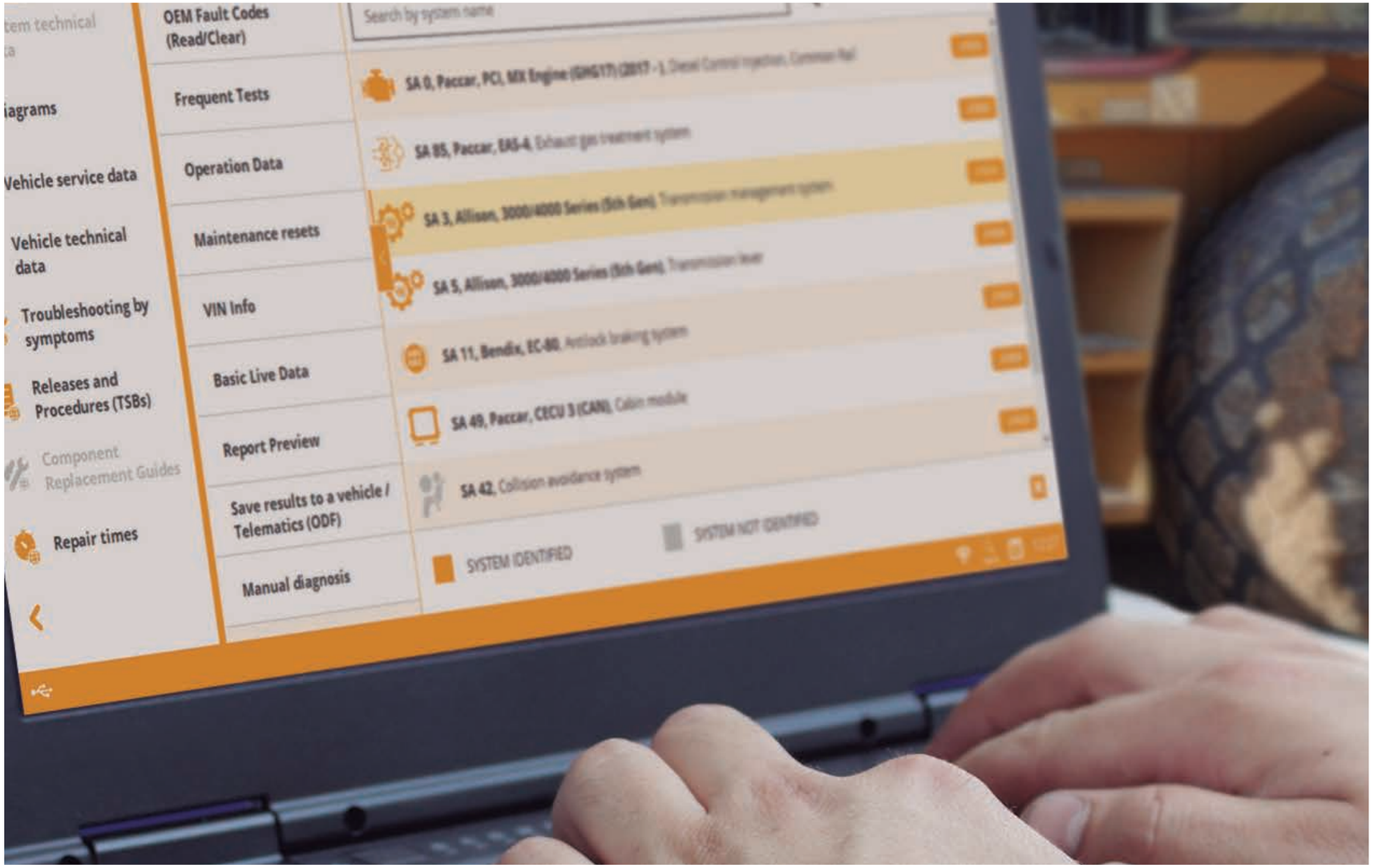
BEST-IN-CLASS REPAIR GUIDES, ONE CLICK AWAY

JALTEST INFO

Detailed technical information including images, pictograms, graphics, diagrams and pictures for every machine to be diagnosed. This information will help to identify the fault code, the part, the location, etc. In this complete module we can find:

1. Diagnostics (troubleshooting by fault code).
2. System Technical Data.
3. Diagrams.
4. Vehicle Technical Data.
5. Vehicle Service Data.
6. Troubleshooting by symptoms (diagnostics).
7. Releases and Procedures.
8. Manual Diagnostics.

JALTEST INFO, A TOP OF THE LINE RESOURCE INTEGRATED DIRECTLY IN THE TOOL



JALTEST DELIVERS RESULTS, AS SOON AS THE VEHICLE ENTERS THE SHOP

JALTEST GRP

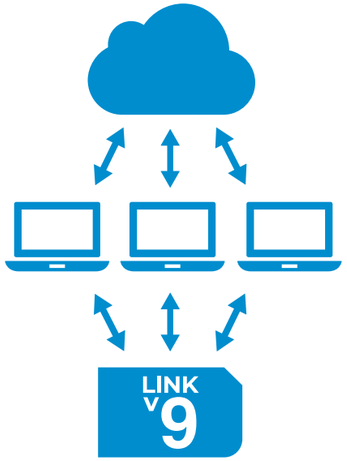
GRP is an optimized shop management solution. Share customer information, vehicle data and diagnostic reports, work order management, labor times and access to Jaltest Telematics solutions.

GRP BASIC.
- Client list.
- Reports (diagnostics & maintenance).

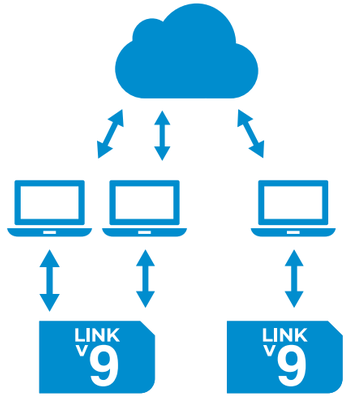
CLIENT LIST.

REPORTS.

GRP SYNCHRO.
- GRP Basic.
- User accounts control (10 maximum).
- Data synchronization between multiple PCs (same Jaltest interface).
- Information Back-up.
- Human Resources.



GRP ENTERPRISE.
- GRP Synchro.
- Shop Management Module.
- Reception Module.
- My Tasks Module.
- Jaltest Telematics Module.
- Data synchronization between PCs (same company).
- Work order reports.
- User accounts control (unlimited).



GRP NETWORK.
- Access to diagnostics and maintenance reports between multiple shops inside a network.

GRP MODULES DESCRIPTION:

CLIENT LIST.
Management of customers for a workshop or a network of shops.

REPORTS.
Management and consultation of all reports generated by Jaltest: diagnostics, maintenance, work order & shop time.

SHOP MANAGEMENT.
- Work orders.
- Task.
- Shop time reports.

MY TASK.
Each user can manage the assigned tasks easily by this menu.

RECEPTION.
- Reception forms.
- Work orders management.

HUMAN RESOURCES.
Intended for the management of the shop's staff.

JALTEST TELEMATICS.
Remote Multibrand Diagnostics & Telematics Solution for earth moving equipment. Connects the equipment with the different players that intervene in the decision-making process and resource optimization.

1. INTERACTIVE WIRING DIAGRAMS.
While navigating over the wiring diagrams, the components are outlined and the technical information, including relevant documents, technical data, comments and location, can be directly accessed.

2. SYSTEM OPERATING DIAGRAM.
Understanding how systems work can be a complex task. Jaltest provides the pneumatic, electrical and fuel schematics with their corresponding technical values, images, locations and much more to speed up the technician's work.

3. SYSTEM DISPLAY.
Real-time live data display on vehicle schematics. It enables a fast assessment of the functioning of the system.

4. VIRTUAL INSTRUMENTS / GRAPHS.
Visual aid for the technician to check values and understand the current status of any system available in the vehicle.

5. MACHINE SYSTEM SCAN (MSS).
This function allows the user to auto-detect the available systems in the selected model. During the Auto-detection, fault code reading of every available system takes place including their identification data. Later, every fault code found can be cleared.

OUTSTANDING FEATURES

6. FLEET CUSTOMIZATION.
This function will allow customizing your fleet. Create new brands specific to your market by selecting the systems included in the vehicle. Add connectors, location, images and comments.

7. DIAGNOSTICS BY VIN NUMBER.
Once the customers and vehicles portfolio has been created, the access by VIN number is fast and easy.

8. SHORTCUT TO SPECIAL FUNCTIONS.
Optimize repair times at the shop with direct access to relevant repair processes.

9. TECHNICAL DATA AND PROCEDURES.
The experience of Cojali's Technical Assistance team has allowed the classification of the most relevant technical data of the vehicle.

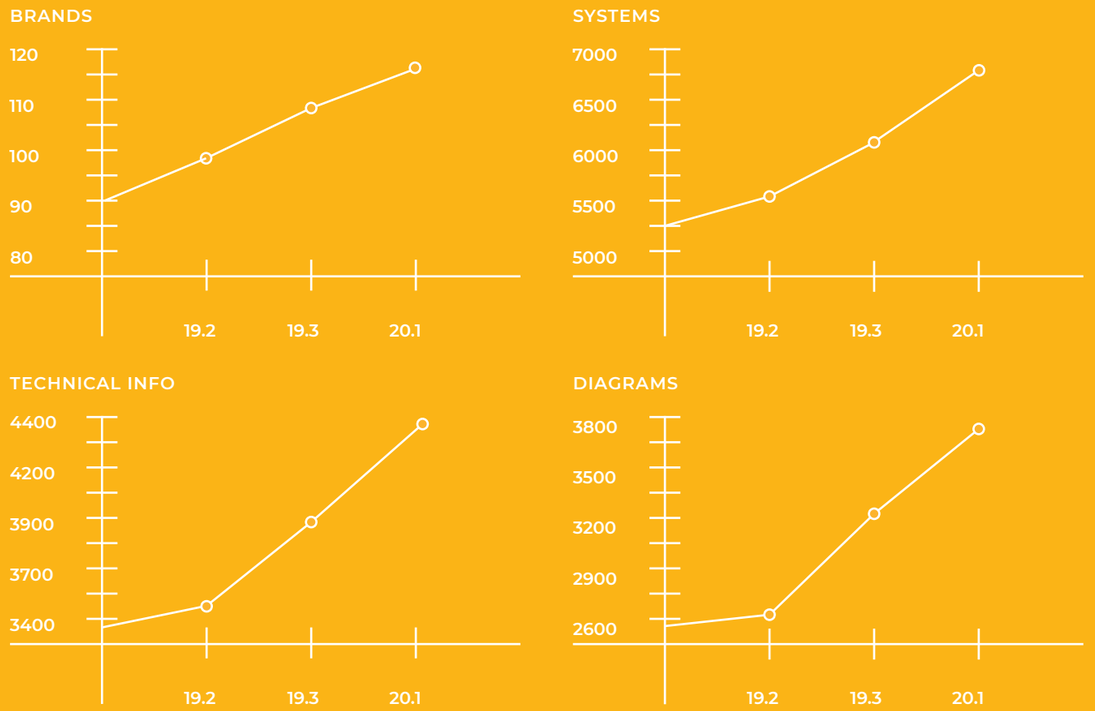
JALTEST EXPERT MODE

Jaltest EXPERT MODE offers advanced diagnostic possibilities for the shop. With EXPERT MODE, the technician is able to carry out actions that require modifying parameters on different ECUs:

1. Calibrations of sensors (injectors, VGT, accelerator, etc.).
2. Setting of the systems operation parameters (coding of injectors, etc.).
3. Configuration of the vehicle maintenance services.
4. Verification of systems functionalities.
5. Replacement of electronic control units.
6. DPF regeneration.
7. More...

CONSTANT INNOVATION

New machinery, models and systems are being developed constantly. This is why Jaltest OHW releases three software updates each year, offering your business industry-leading diagnostics solutions.



THREE ANNUAL
SOFTWARE UPDATES

COVERAGE //

OHW MACHINERY

This Jaltest kit has been developed to perform diagnostics in diagnosis in OHW and construction equipment such as cranes, excavators, dumpers, stationary engines or street sweepers and road maintenance equipment. With a wide coverage, detailed technical information and step by step repair guides, Jaltest OHW is a one stop solution for any and every shop.

JALTEST KITS ARE CLASSIFIED BY SECTOR AND COVERAGE

jaltest OHW

THIS COMPREHENSIVE COVERAGE MAKES THIS KIT THE MOST POWERFUL DIAGNOSTICS UNIT ON THE MARKET

1. COVERAGE FOR CONSTRUCTION MACHINERY, STATIONARY ENGINES, STREET SWEEPERS AND MORE.
2. ALL COMMUNICATION PROTOCOLS ARE SUPPORTED.
3. INTUITIVE AND AND EASY TO USE INTERFACE.
4. AUTOMATIC DETECTION OF SYSTEMS AND FAULT CODES.
5. TROUBLESHOOTING BY SYMPTOMS AND FAULTS HELP.
6. INTEGRATED TECHNICAL INFORMATION, WIRING DIAGRAMS, TECHNICAL DOCUMENTS...
7. SCHEDULED UPDATES AND LATEST DEVELOPMENT IMPLEMENTATIONS.
9. TRAINING & E-LEARNING.
11. GRP - GARAGE RESOURCE PLANNING.
12. CUSTOMIZE MACHINES BY SELECTING SYSTEMS.

HARDWARE //

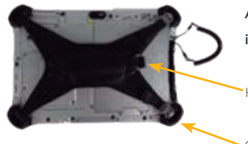
All Jaltest products have been designed to meet the demands and needs of the workshop mechanics and the most demanding road assistance needs. They are designed and built to face any extreme work or weather conditions.

JALTEST RUGGED PC.

- Windows 10 Pro.
- Exclusive design that improves resistance.
- MIL-STD 810G category certification.
- Liquidresistant keyboard/ touchpad.

JALTEST RUGGED PAD.

- 10” Rugged Tablet with Windows 10 Pro.
- Daylight-readable Display with Gloved Multi Touch + waterproof digitizer pen.
- User-replaceable Battery and Optional Long-Life Battery.



Accessories included.

Hand Strap.

Corner Guards.

JALTEST HARDWARE SOLUTIONS.

The tool’s heartbeat, programmed to convey information with all communication protocols in a quick and efficient way.

LINK V9

CABLES

JALTEST ACCESSORIES.

Additional equipment offered to the workshop in order to perform their daily tasks in an easier and more comfortable way.

WORKSTATION

HARDCASE

SERVICES //

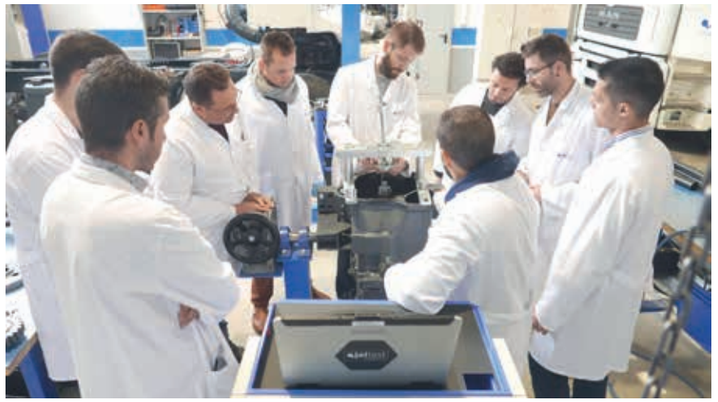
TURN YOUR SHOP INTO A TECHNOLOGICAL CENTER

TRAINING

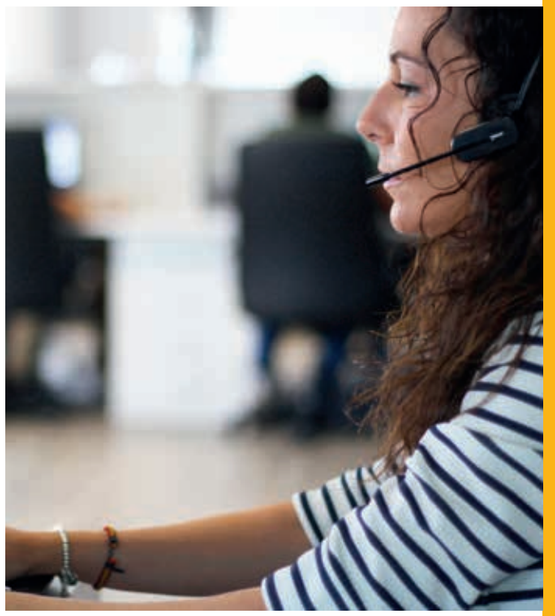
To perform diagnostics, repair or maintenance tasks, todays technicians do not only require mechanical knowledge. In todays world, new vehicles have increased the electronic features and demand constant training and always being up to date if you want to carry out the repair.

For this reason, Cojali has created an exhaustive training plan, comprising both theory and practice. This training plan is multilanguage and it may be taught in Cojali's training classrooms or in any other location. Moreover, it has been designed with an e-learning format to follow the course on-line from any place.

COURSES



- DIAGNOSTICS
- ELECTRICS
- PNEUMATICS
- ENGINE MANAGEMENT
- GEARBOX
- COMFORT SYSTEMS
- BRANDS
- TRAILER
- LIGHT COMMERCIAL
- AGRICULTURAL
- JALTEST SPECIALIST
- SYSTEM SPECIFIC



jaltest OHW
OFF-HIGHWAY VEHICLES
DIAGNOSIS CENTER
cojali

TECHNICAL ASSISTANCE

This kind of support is essential to solve certain vehicle breakdowns. Technological developments require the technician to update their knowledge regularly. Cojali offers a specialized support based on the experience of our top mechanics and the development of technical information for all vehicles.

Jaltest customers worldwide continue to trust us with our specialized technical assistance service; this service includes the possibility of remote assistance connections to solve our customers' doubts, immediately.

CUSTOMER SUPPORT

A human team will be at your service to offer all the information about Jaltest you may need.

1. Software Update and Innovations.
2. Update release calendar information.
3. Device license management.
4. New products, hardware and software.
5. Special offers and promotions.
6. Invoices and purchase orders.
7. Shipping management.

COJALI //

Cojali is a Spanish multinational company and a leading manufacturer of cooling systems, braking systems, electronic components, all makes diagnostics and telematics for commercial vehicles, agricultural equipment, construction machinery and marine vessels.

Established in 1991, Cojali focuses on research, development and innovation for commercial vehicles in the aftermarket, offering high quality products just as the OEM.

COJALI PRODUCTS

COOLING SYSTEMS.
Cojali is a leading manufacturer of fans and viscous fan clutches for all types of commercial, agricultural equipment and off-highway machinery. Our catalog offers a wide range of brands in the European, Asian and North American markets.

AIR BRAKE SYSTEMS.
Cojali manufactures one of the widest ranges of braking systems for commercial and agricultural applications, among which we can find mechanic, pneumatic and electronic systems, such as clutch servos, actuators and other types of valves.

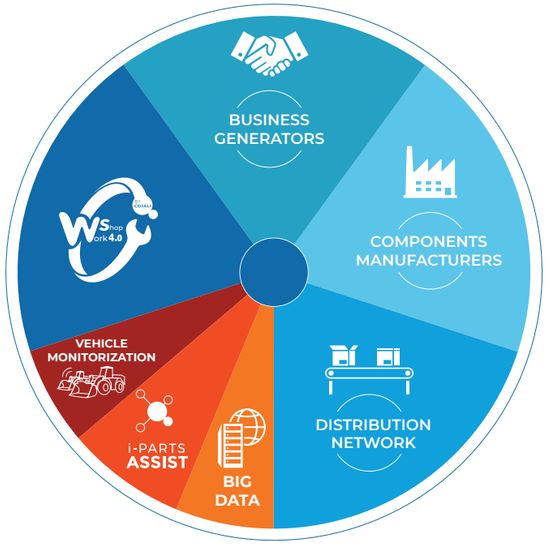
ELECTRONIC & ELECTRICAL COMPONENTS.
A constant growth within our R+D+i Department allows Cojali to keep investing in the development of this type of product, where electronics covers a large part of the spare part for commercial vehicles and agricultural equipment.

RECONDITIONED PRODUCTS.
Reconditioning of elements with electronic control, subject to strict quality controls. It is a complex and thorough process, since all the part components that might be worn are replaced by new ones, in addition to the renewal of the electronic part and the subsequent reprogramming or parameter setting, depending on each case.

WORKSHOP 4.0

A set of solutions and services that connects shops, fleets and spare parts supplier in order to perform predictive maintenance and a professional, fast and efficient repair through Jaltest diagnostic tools, Telematics and Cloud Diagnostics, and latest generation components for commercial vehicles.

Workshop 4.0. is distinguished by offering Training services, Vehicle Fix support, Consulting and Support for the installation and reprogramming of components (i-Parts ASSIST).



JALTEST TELEMATICS OHW

TELEMATICS, CLOUD DIAGNOSTICS AND MACHINERY MANAGEMENT. A SOLUTION FOR EVERYTHING

Jaltest Telematics defines a new concept in the market that improves any current solution by adding technical information obtained directly from the vehicles. With the concept of cloud diagnostics, it is possible to see the health of your vehicle from anywhere in the world in real time.

Jaltest Telematics is aimed towards the optimization of fleet efficiency, by reducing the number of breakdowns, measuring the main indicators to support the decision-making process, and providing the necessary information to the users in each role.

1. Cloud Diagnostics.
2. Real time fleet health-check.
3. Breakdown time reduction.
4. ROI optimization.
5. Proactive shop.

POSITION:
Locate a machine or follow the transfer of the equipment for a period of time. Security limit alarms within the work area, check the equipment working area.

CLOUD DIAGNOSTICS:
Check the machine fault codes every time you use it. Stop the machine before the breakdown.

FLEET HEALTH CHECK:
Monitors all your machines on a single screen.

TIMES:
Idle times or working time. Compare uses between different equipment.

EFFICIENCY:
Group machines and monitor the working coupling factor. Identify equipment under utilized.

MAINTENANCE:
Create and manage workshop tasks. Reception and work order management.

FUEL:
Control the daily fuel use form your fleet or workgroups. Send fuel trucks at the right time.

AT JALTEST TELEMATICS WE DESIGN AD-HOC PROJECTS FOR OEMS AND COMPANIES WITH OHW FLEETS

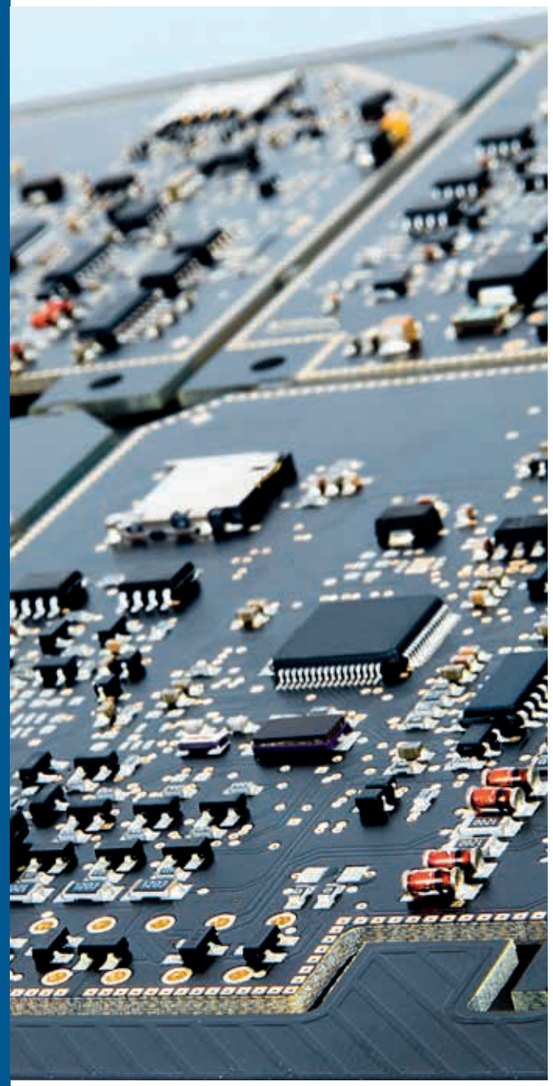
OEM.
SOLUTIONS
by cojali

Cojali is not only a manufacturer for the independent after-market, but also an OEM-level solution provider.

Thanks to a vast experience in the manufacturing of high-quality products, industry-leading and independent multibrand diagnostics and new technologies for fleet management, Cojali is a sure bet to provide solutions for leading vehicle and system manufacturers.

TAILORED HARDWARE & SOFTWARE SOLUTIONS FOR MANUFACTURERS

- DIAGNOSTICS
- TELEMATICS
- ELECTRONICS
- COMPONENTS



COJALI. WE MEET ALL YOUR BUSINESS NEEDS

PRODUCTS
ENGINEERING
DATA
SERVICES

- DIAGNOSTICS EQUIPMENT
- CLOUD DIAGNOSTICS & TELEMATICS
- COMPONENTS
- TRAINING
- TECHNICAL DATA & SUPPORT
- GRP BUSINESS MANAGEMENT
- OEM SOLUTIONS
- TOOLS FOR SPECIAL APPLICATIONS

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Land of Giants

AENOR ER Empresa registrada UNE-EN ISO 9001

CERTIFIED IQNet MANAGEMENT SYSTEM

AENOR ER Gestión I+D+i UNE 166002

Local distributor