



DIAGNOSTICS

# jaltest *marine*

CATALOGUE

CV

AGV

DHW

MHE

*marine*

ISOBUS  
CONTROL

TOOLS

jaltest  
BYCOJALI



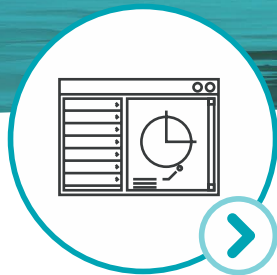
# jaltest marine



JALTEST  
DIAGNOSTICS



COVERAGE



SOFTWARE



HARDWARE



SERVICES



COJALI

JALTEST. INDUSTRY-LEADING DIAGNOSTICS & TECHNICAL SOLUTIONS.





## JALTEST DIAGNOSTICS

Jaltest Marine is a multi-brand and multi-system diagnostics tool developed to perform the most advanced vessel diagnostics and maintenance tasks in an easy and intuitive way.

Jaltest is not limited to reading error codes on vessel systems, but it also guides technicians during the repair process.

FIND OUT AN EXPERIENCE  
BEYOND DIAGNOSIS WITH  
JALTEST.

JALTEST  
DIAGNOSTICS

TECHNICAL  
ASSISTANCE

JALTEST  
UNIVERSITY

SPECIALISED  
CUSTOMER  
SUPPORT





## COVERAGE





**CV**  
COMMERCIAL





**AGV**  
AGRICULTURAL





**OHV**  
OFF-HIGHWAY



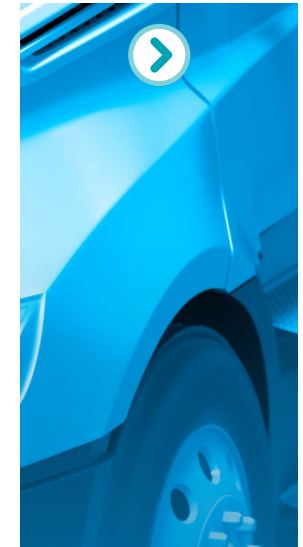



**MHE**  
MATERIAL  
HANDLING





**marine**  
VESSELS





jaltest  
DATA-LINK





## COVERAGE



## VESSELS

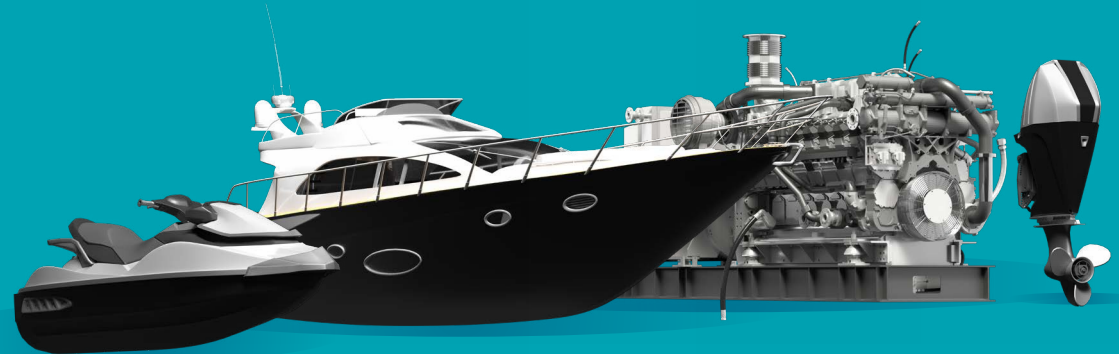
Jaltest Marine is our most innovative kit. With a wide coverage of models, brands and systems, Jaltest Marine is totally orientated toward those technicians that provide nautical repair services. We have collected the best technical information for them and we have developed step-by-step troubleshooting guides, turning Jaltest Marine into a cutting-edge tool in the sector.

Jaltest Marine includes advanced functions such as:

1. Calibrations
2. Parameter modification
3. System checks
4. Component actuation
5. And much more...



THE WIDE EXPERTISE OF JALTEST DIAGNOSTICS HAS ALLOWED US TO SUCCESSFULLY PURSUE THE DESIGN OF A COMPLETE MAINTENANCE AND DIAGNOSTICS TOOL FOR VESSELS, JET SKIS, OUTBOARD AND INBOARD ENGINES AND STATIONARY ENGINES.





## COVERAGE



# jaltest CV

Diagnostics equipment aimed for workshops where repair and/or maintenance services are performed in several types of commercial vehicles, such as: Trucks, Buses, Trailers, LCVs, Pickup trucks.

Jaltest CV allows diagnosis in all commercial vehicles. Jaltest CV coverage includes truck, bus, light commercial vehicle, pickup trucks, trailer and semi-trailer.

Jaltest CV includes advanced functions such as:

1. Calibrations
2. Parameter modification
3. System checks
4. Component actuation
5. And much more...





## COVERAGE



# ●jaltest AGV

Jaltest AGV is the Jaltest Diagnostics kit focused on the diagnosis and maintenance of all type of agricultural equipment. Therefore, it is ideal for workshops that repair tractors, harvesters, forage harvesters or grape harvesters among others.

It covers a wide variety of brands, models and systems, and it offers a large catalogue of cables that allow direct connections in the agricultural equipment.

Just like the rest of licences, Jaltest AGV offers the best technical information of the sector and will help in the whole repair process through easy and intuitive guides.

Jaltest AGV includes advanced functions such as:

1. Calibrations
2. Parameter modification
3. System checks
4. Component actuation
5. And much more...





## COVERAGE



# jaltest OHW

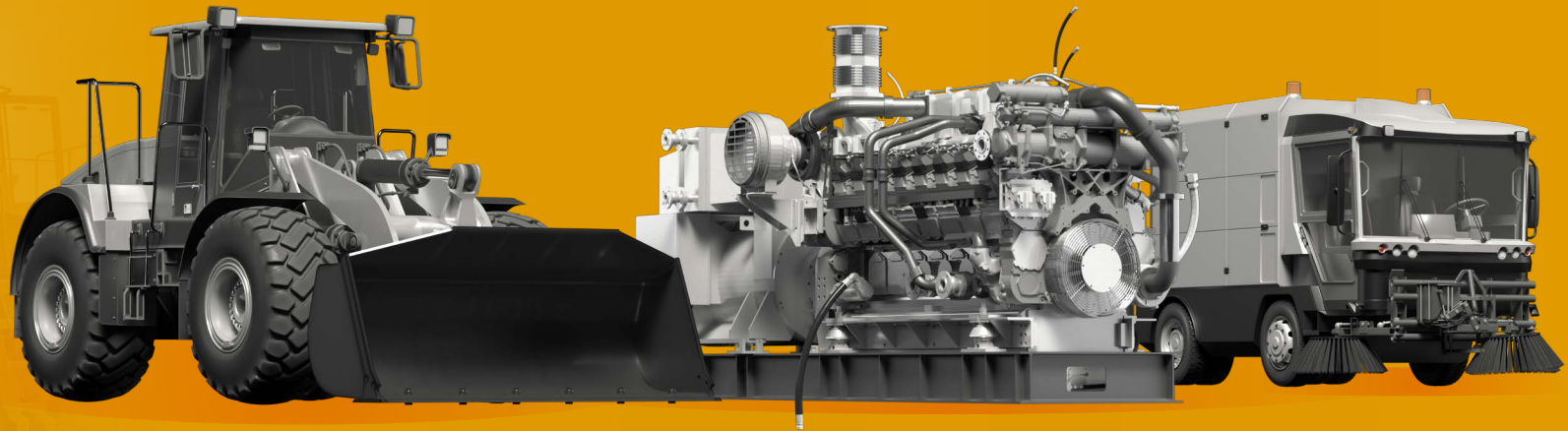
The Jaltest OHW kit has been developed to perform maintenance and diagnostic tasks in special equipment and construction machinery, such as cranes, excavators, dumpers, stationary engines, cleaning machines or road maintenance equipment, among others.

Just like the rest of the Jaltest Diagnostics modules, it offers a wide coverage of brands, models and systems, as well a large variety of cables to carry out direct connections.

Jaltest OHW includes complete technical information and troubleshooting guides, which make it the benchmark diagnostic tool of the sector.

Jaltest OHW includes advanced functions such as:

1. Calibrations
2. Parameter modification
3. System checks
4. Component actuation
5. And much more...







## COVERAGE



# jaltest MHE

Jaltest MHE (Material Handling Equipment) is the pioneering repair kit in the repair sector of material handling equipment due its multiple advantages and possibilities when it comes to performing diagnosis and maintenance efficiently in forklifts, telescopic handlers, lift platforms and derivatives.

It offers complete coverage, including new brands, models and systems three times a year, which guarantees a constant update of its capabilities.

Just as the rest of the kits, Jaltest MHE offers technical

information, troubleshooting guides and many other useful resources for technicians during the repair of this type of equipment.

Jaltest MHE includes advanced functions such as:

1. Calibrations
2. Parameter modification
3. System checks
4. Component actuation
5. And much more...





## COVERAGE



# jaltest DATA-LINK

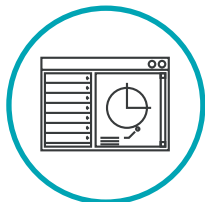
Jaltest DATA-LINK is a device that allows the user to use Jaltest hardware with the software of different manufacturers and without using the original hardware.

Jaltest DATA-LINK supports all generic communication protocols RP1210, SAE J1939, SAE J2574 and OBD.

This solution also includes a software for the diagnosis of generic errors.

Therefore, all solutions can be grouped in one single device.





SOFTWARE



FIND WHAT YOU WERE LOOKING FOR



ADDITIONAL MODULES



DIAGNOSTICS MENU

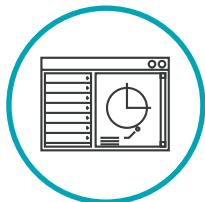


TECHNICAL INFORMATION



JALTEST IN NUMBERS



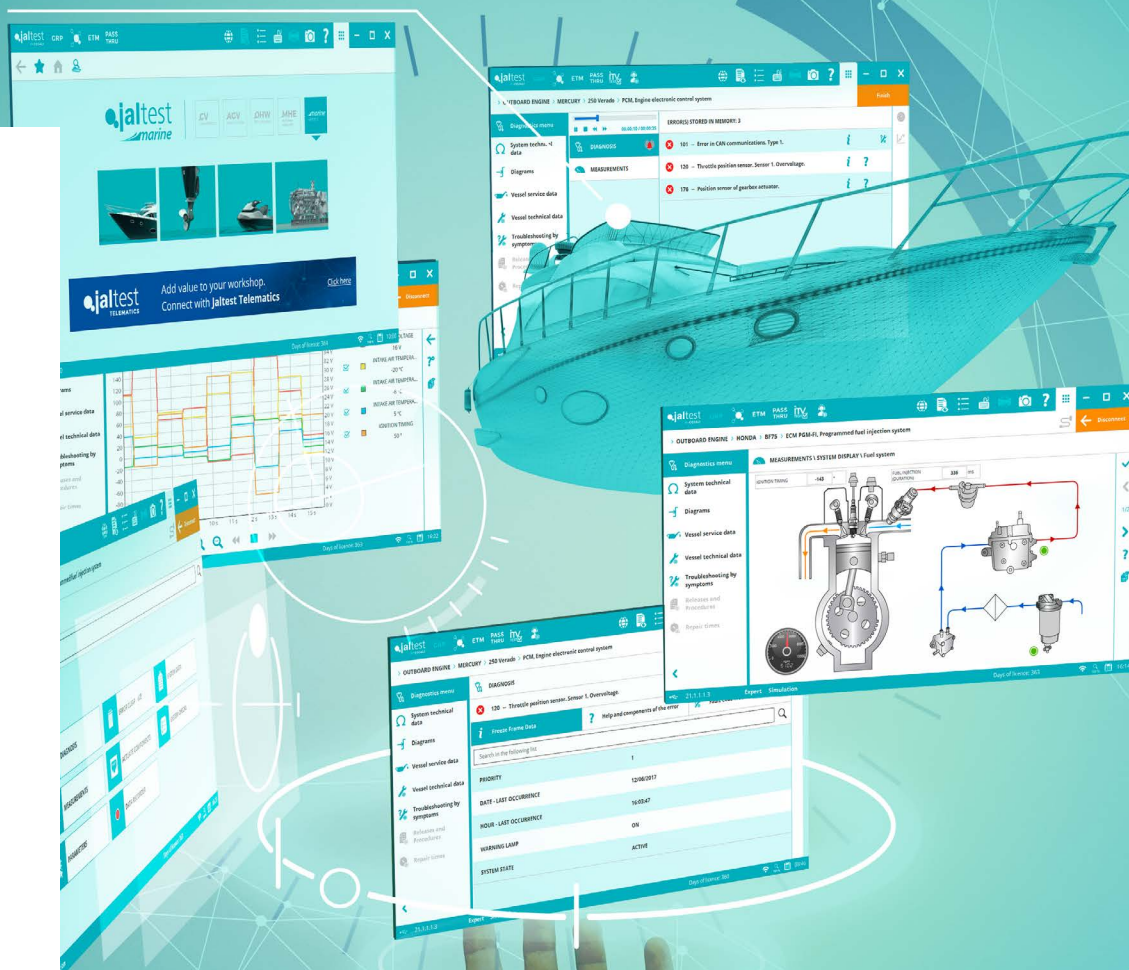


## SOFTWARE

Jaltest Diagnostics software surprises for its:

1. Easy handling
2. Most advanced diagnostic functions
3. Component technical data
4. Wiring diagrams
5. Maintenance data
6. Vehicle Service Data
7. Troubleshooting Guides
8. Releases and technical procedures
9. Additional modules

**JALTEST DIAGNOSTICS  
PROVIDES TECHNICIANS  
WITH INCOMPARABLE  
ADDITIONAL HELP.**



## GRAPHICAL USER INTERFACE

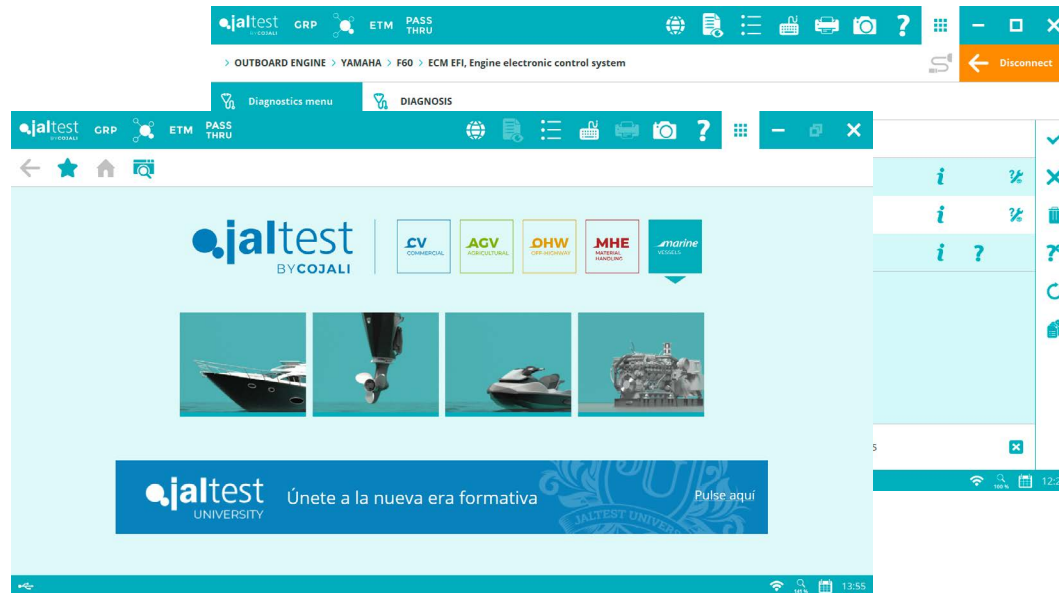




## SOFTWARE



## GRAPHICAL USER INTERFACE



FAST INSTALLATION  
AND HANDLING

CUSTOMISABLE

EVERYTHING IN ONE  
SINGLE DISPLAY

USER-FRIENDLY,  
VISUAL, INTUITIVE.





## SOFTWARE



# FIND WHAT YOU WERE LOOKING FOR

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



### ADDITIONAL MODULES

1. GRP (Garage Resource Planning). Management of workshop and client/vessel reports.
2. i-PARTS ASSIST. Cross-referencing platform. Installation guides.



### DIAGNOSTICS MENU

3. Diagnostics Menu.



### TECHNICAL INFORMATION

4. System Technical Data.
5. Wiring diagrams, and fuses and relay boxes.
6. Vessel Service Data.
7. Vessel Technical Data.
8. Troubleshooting Guides by symptoms.
9. Technical Releases.
10. Troubleshooting Guides by Fault Codes.



### JALTEST IN NUMBERS

The screenshot shows the Jaltest software interface. At the top, there's a navigation bar with 'jaltest BY COJALI', 'GRP', 'ETM', and 'PASS THRU'. Below that, a breadcrumb trail reads '> OUTBOARD ENGINE > YAMAHA > F60 > ECM EFI, Engine electronic control system'. A 'Disconnect' button is visible in the top right corner.

The main interface is divided into a left sidebar and a main content area. The sidebar contains a 'Diagnostics menu' (3) and several technical information categories (4-9): System technical data, Diagrams, Maintenance data, Technical data, Troubleshooting by symptoms, Releases and Procedures, and Repair times. The main content area is titled 'DIAGNOSIS' and shows 'ERROR(S) STORED IN MEMORY: 3'. It lists three error codes with their descriptions, severity levels, and status icons:

Error Code	Description	Severity	Status
117	Electronic Throttle System. Throttle valve malfunction.	i	%
157	Shift and throttle digital system. Communication error.	i	%
26	Fuel injector. Irregular signal.	i	?

At the bottom of the error list, there are three status indicators: 'PRESENT ERROR' (red X), 'NON-PRESENT ERROR' (grey X), and 'OTHER ERROR STATES' (yellow X).





## SOFTWARE



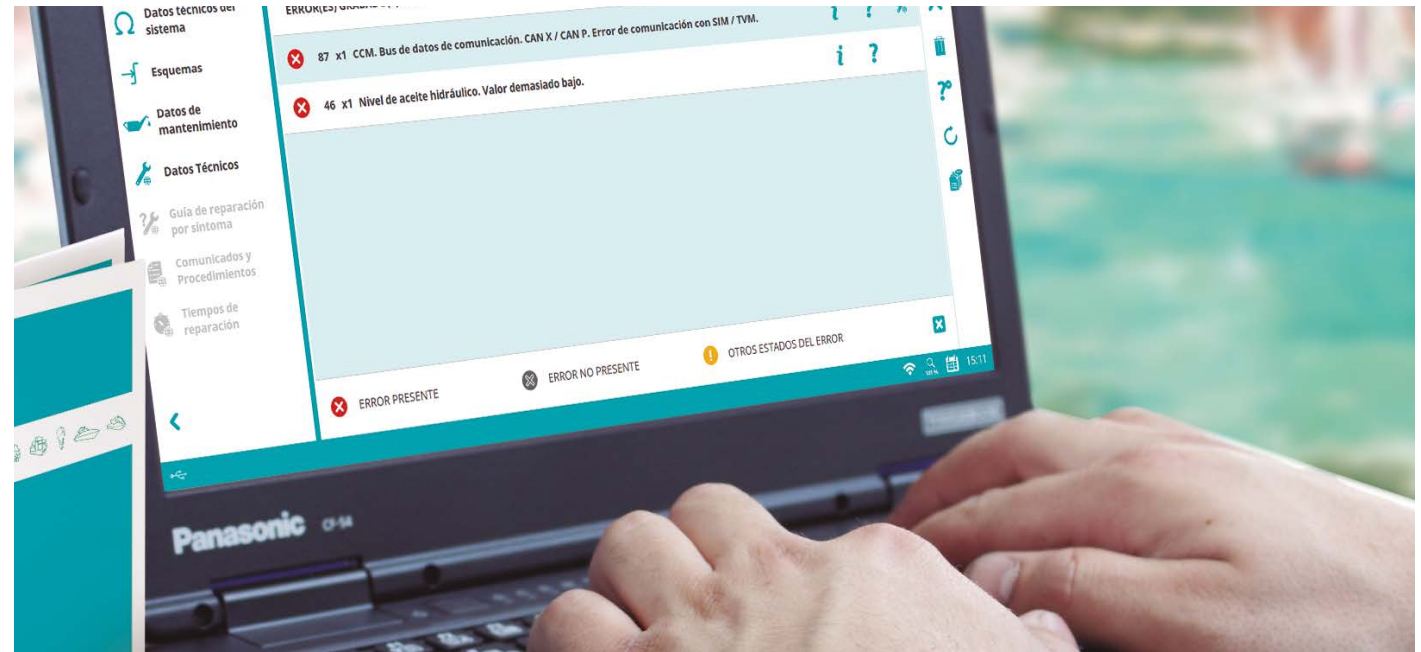
## ADDITIONAL MODULES

### PASS-THRU

Jaltest has the additional Pass-Thru module, which enables communication through the SAE J2534 protocol with the manufacturer's software to perform:

1. Control unit updates
2. Calibrations
3. Unit reprogramming
4. Vessel analysis

This makes it possible to reduce dependence with proprietary hardware, decreasing costs and increasing the productivity.



## ← JALTEST GRP



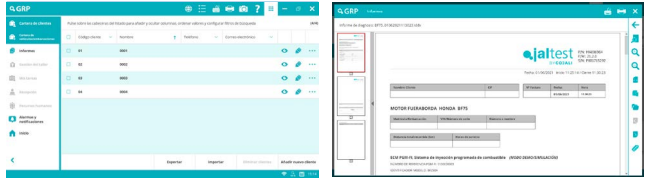
**SOFTWARE**

**ADDITIONAL MODULES**

**Jaltest GRP**

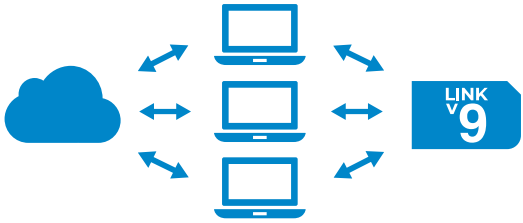
GRP (Garage Resource Planning) is the workshop management program that allows you to organise and manage its activity. GRP is included in Jaltest.

**GRP BASIC**  
It allows you to store and manage clients, vessels and reports in a simple and easy way.

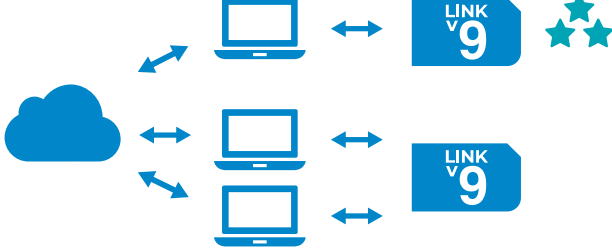


CLIENT LIST      REPORTS


**GRP SYNCHRO**  
Upgrade by storing all your clients, vessels and reports in the cloud.  
Synchronise automatically all data stored in all your devices.



**GRP ENTERPRISE**  
"Manage one or more workshops completely. Synchronise all stored data, even if it is located in different workshops!  
Access all Jaltest GRP functionalities."



**GRP NETWORK**  
A workshop network is a big deal, but Jaltest GRP can also help with its daily management.



**JALTEST GRP FUNCTIONALITIES**

CLIENT LIST MANAGEMENT

VESSEL LIST MANAGEMENT

REPORT MANAGEMENT

- Diagnostics reports
- Maintenance reports

WORKSHOP MANAGEMENT

- Work orders
- Tasks
- Workshop time reports

WORKSHOP RECEPTION MANAGEMENT

- Reception forms
- Work orders management

HUMAN RESOURCES MANAGEMENT

**PASS-THRU**







## SOFTWARE



## DIAGNOSTICS MENU

### 1. SYSTEM DISPLAY

Real-time live data display of vessel diagrams, enabling fast assessment of the system performance.

### 2. DATA RECORDER

This function allows the user to make tests while the vessel is moving and, at the same time, to record measurements and diagnostics errors. This way, it is possible to know the exact moment at which an error occurred.

### 3. VIRTUAL INSTRUMENTS / GRAPHS

Visual aid for the technician to check values and understand the current status of any system available in the vessel.



### 4. SYSTEM SCAN

This function allows the user to auto-detect the available systems in the selected model. During the Auto-detection, error reading of every available system takes place including their identification data. Later, every error found can be cleaned.

### 5. VEHICLE VIN DETECTION

It allows the detection of the VIN or chassis number of the vessel with just one click.

### 6. SHORTCUT TO SPECIAL FUNCTIONS

Optimize repair times at the shop with direct access to relevant repair processes.

**AND MUCH MORE!**



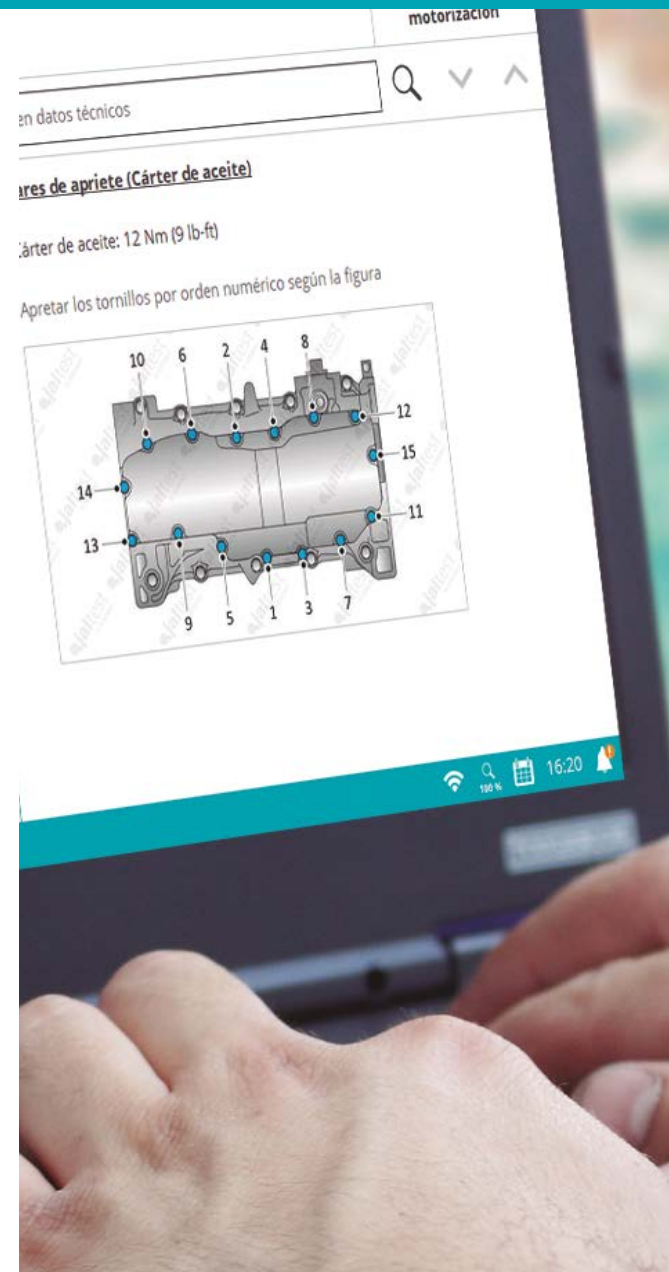
## SOFTWARE



## TECHNICAL INFO

The technical information of Jaltest includes:

- 1. System Technical Data:** Specific OEM standards for the most common vessel adjustments..
- 2. Wiring, system and fuse diagrams:** More than 3,600 simple, interactive and easy-to-navigate diagrams for the different system configurations.
- 3. Vehicle Technical Information:** A complete data base with all the information needed to perform the proper maintenance of the selected vessel.
- 4. Troubleshooting Guides by symptoms:** Step-by-step guides that allow to perform diagnostics by symptoms on vessels.
- 5. Technical Releases:** Bulletin on technical service, launches and procedures with updated information, published by the OEMs, about any modification of the service and procedures, reviewed parts, etc.
- 6. Repair Times:** In order to improve the time management and productivity in the workshop, Jaltest Info includes a function to estimate times.
- 7. Troubleshooting Guides by Fault Codes:** Intuitive and easy-to-follow troubleshooting guides, for both mechanical and electrical problems, linking directly to the actions to be carried out.



JALTEST HAS THE BENCHMARK  
DATA BASE OF TECHNICAL  
INFORMATION IN THE MARKET.





SOFTWARE



JALTEST IN  
NUMBERS

BRANDS

75

MODELS

1383

SYSTEMS

3584

TECHNICAL INFO

2436

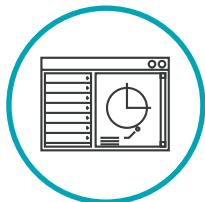
DIAGRAMS

1907



THREE ANNUAL SOFTWARE UPDATES





**HARDWARE**



**JALTEST  
HARDWARE KIT**



**LINK V9**



**SUPPLEMENTS AND  
ACCESSORIES**



## HARDWARE



### LINK V9



LIGHT, FAST,  
EXCEPTIONAL.

#### MAXIMUM CONNECTION SPEED

It performs diagnostics in every control unit of the vessel at a hitherto previously unknown speed.

#### PROTECTED USB AND SUBD26 CONNECTORS THANK TO THE POKA YOKE DESIGN

#### HIGH-PERFORMANCE, RUGGED AND RELIABLE ELECTRONICS

Greater connectivity, new supported communication protocols and extended multiplexor.

#### IMPACT ABSORPTION

Design with a rugged covering that cushions small bumps, protects against scratches and enables the seal closure of the device, preventing the inlet of dirt and water (IP40).

#### COMPACT AND LIGHT





## HARDWARE



### JALTEST DIAGNOSTICS HARDWARE KIT

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 Diagnostics Hardware Kit can be configured according to the workshop needs. There is a wide variety of connectors depending on the types of brands and models of vessels.

JALTEST DIAGNOSTICS HARDWARE KIT ALLOWS CONNECTION TO ALL THE TYPES OF VESSELS AVAILABLE WITHIN JALTEST COVERAGE.





## HARDWARE



## SUPPLEMENTS AND ACCESSORIES

JALTEST OFFERS A WIDE VARIETY OF ACCESSORIES AND SUPPLEMENTS THAT LEADS TO UNPARALLELED VESSEL DIAGNOSTICS.

### JALTEST RUGGED PC

Jaltest Rugged PC is optimised for the use of Jaltest in the most demanding conditions.

- Windows 10 Pro
- Rugged and exclusive design
- Liquid-resistant keyboard/touchpad
- Keyboard available in several languages
- Replaceable Battery



### JALTEST RUGGED PAD

Jaltest Rugged Pad is a high-performance tablet that enables a more versatile use of Jaltest.

- Windows 10 Pro
- 10" Screen
- Replaceable Battery
- Digitizer pen
- Rugged and exclusive design



### WORKSTATION

The Jaltest workstation trolley is the best way of transporting Jaltest. It is specially designed to perform diagnostics in all vessels with maximum comfort.





## SERVICES

### JALTEST UNIVERSITY

Our Jaltest University division gathers the entire Jaltest training offer, from courses traditionally taught on-site to online courses or webinars. This way, we have adapted to the new needs for universal and quality training at the disposal of any professional in the sector.

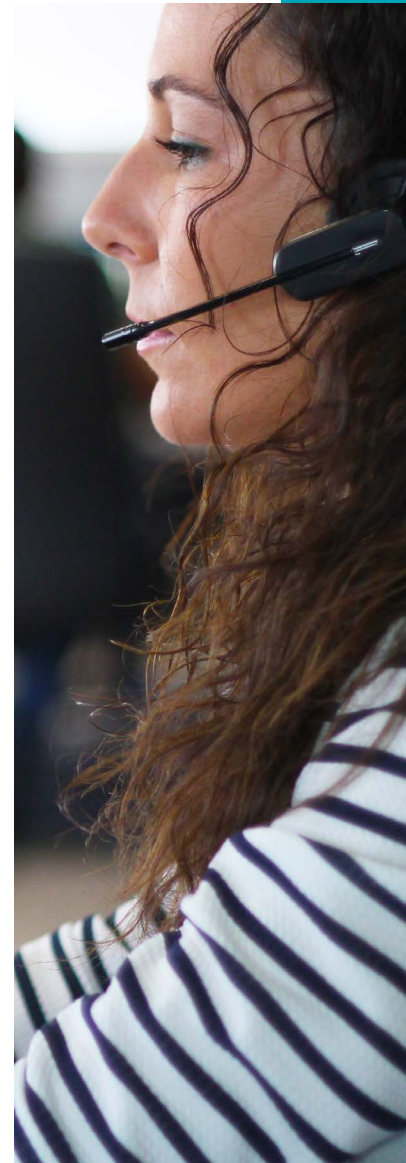


Jaltest University is aimed at:

- Workshops
- Manufacturers
- Distributors
- Students
- Other professionals of the sector

Jaltest University includes the following topics, among others:

- Diagnosis
- Engine management
- Anti-pollution system
- Pneumatics
- Electricity and communication protocols



### TECHNICAL ASSISTANCE

**1731**

Connected workshops (SP & PT)

**43940**

Solved incidences

AVAILABLE LANGUAGES:

- SPANISH
- RUSSIAN
- ENGLISH
- PORTUGUESE
- ITALIAN
- TURKISH
- GERMAN
- ROMANIAN
- FRENCH
- HINDI

### CUSTOMER SERVICE

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**

**700**  
WORKERS

**+115**  
COUNTRIES

COJALI.  
INTERNATIONAL  
PRESENCE



Cojali is a Spanish multinational company and a leading manufacturer of cooling systems, braking systems, electronic components, multi-brand diagnostics and telematics for commercial vehicles, agricultural equipment, special equipment, material handling equipment and 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.

**HEAD OFFICE**



SPAIN

**BRANCHES**



FRANCE



ITALY



USA

**SALES OFFICES**



GERMANY



MEXICO

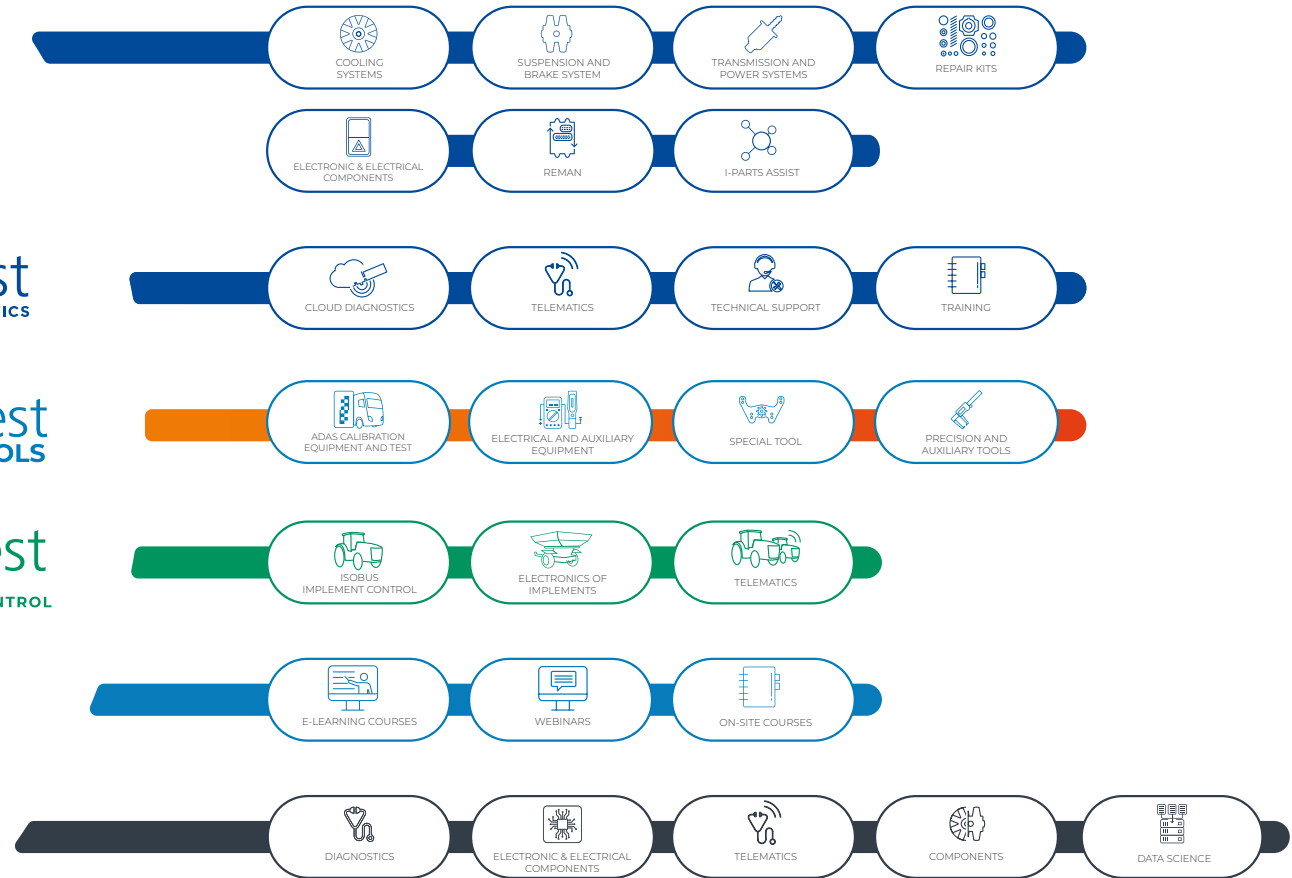
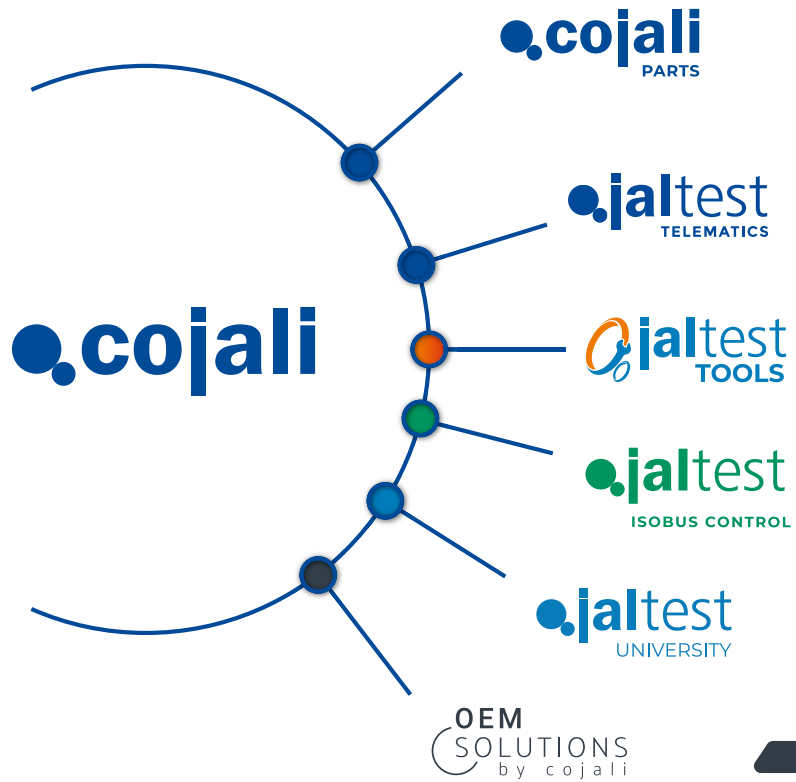


TURKEY



RUSSIA







cojali.com

jaltest.com



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HEAD OFFICE

NATIONAL

Tel.: +34 926 589 038



atencionalcliente@cojali.com



Tel.: +34 926 270 621



customerservice@jaltest.com



CLICK HERE TO CONTACT US