

FLeX



PROGRAMMING

TOOL FOR **ENGINE** CONTROL UNITS
AND AUTOMATIC **TRANSMISSION UNITS**

www.magicmotorsport.com



FAST
VERSATILE
POWERFUL

FLEX IS AN ALL-IN-ONE PROGRAMMING TOOL DEVELOPED FOR RACE ENGINE CALIBRATION AND FOR THE REPAIR OF VEHICLE ELECTRONIC CONTROL UNITS.

ONE TOOL, ONE SUBSCRIPTION

Flex is fully customizable both in its hardware and software components: the cover comes in three different colors and can be enriched with the picture of your company logo, whereas the software version can be chosen among several packages depending on the desired connection modes, that include OBD, BENCH/SERVICE MODE, BOOTLOADER, BDM, JTAG, AUD.

Designed to be simple and intuitive, Flex was born to **facilitate workflows in mechatronic workshops**. With it you can read the content of electronic control units found in combustion, hybrid, and electric engines, as well as modify their calibration parameters via a map editor.

Flex is constantly evolving with **consistent software updates**, new **accessories**, and **continuous trainings** on the latest solutions released for the automotive sector.

MECHATRONIC TECHNICIANS CHOOSE FLEX



SUPPORTED
VEHICLES



GO FURTHER... INSTANT BENEFITS

PROFESSIONAL AND BUSINESS GROWTH

CONTINUOUS GUIDANCE AND ASSISTANCE

CONSISTENT SOFTWARE UPDATES

FREE SERVICES

INCREASE YOUR PRODUCTIVITY WITH FLEX

IT HAS A LIFETIME WARRANTY, FOR A LONG-LASTING BUSINESS
AND THE **SUBSCRIPTION IS FREE** FOR ONE YEAR

When Flex is connected to your PC and to the Wi-Fi, it can carry out self-diagnosis operations to the main network in order to improve and optimize development processes.

Innovative and cutting-edge, Flex is covered by a **limited lifetime warranty, and a free one-year subscription**. The subscription includes continuous software updates and unlimited technical assistance provided via the Helpdesk

platform, an easy-to-use system that directly connects you with our live operators: we are always by your side!

Keep using the tool even without an active subscription: the solutions you already own are always at your disposal.



WHAT DOES FLEX DO?

REPAIR

PROGRAMMING

DIAGNOSTICS

TESTING

Memory unit reading and writing

Automatic checksum calculation

Virtual reading: get the ORI file in real-time from our servers

Full backup: save the complete configuration of your unit

Restore ORI: restores the unit to its original state

Virgin function and duplication of electronic control units

Magic Lock: protects your solutions

Datalogger: real time monitoring of parameters

EXCLUSIVE SOLUTIONS



EXCLUSIVE SOLUTIONS FOR MECHATRONICS

Flex operates safely in electronic control unit programming and repair, specifically on engine control units (ECUs) and automatic transmission control units (TCUs).



Magic Lock denies unauthorized access to files stored in engine control units. This is a **unique and free service**.

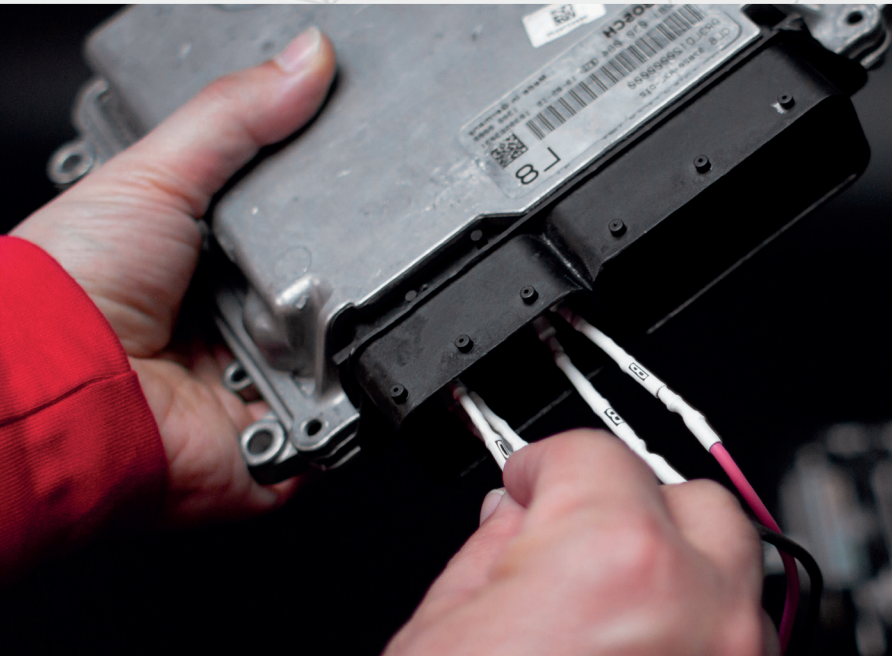
HOW DOES FLEX WORK?

Thanks to the constant effort of the team, Flex supports over 25,000 vehicles, and the list keeps enriching everyday.

The wide range of software packages divides into Master and Slave licenses, a collaboration system created to cover different

levels of expertise and support professionals since their very first steps.

As a part of a kit, Flex's hardware components consist of the main module, Flex, an additional interface, Flexbox, many cables and accessories.



FLEXBOX: facilitates mechatronic workflows with safe and immediate bench **connections**.

It provides the **correct power supply** to the electronic units and **minimizes** risks during processing.

ACCESSORIES: Complete the Flex kit with Magicmotorsport accessories. They are built with **high-quality** materials and designed to ensure stable, fast, and secure connections.



With Flex you can connect in **OBD, BENCH, BOOTLOADER (JTAG/BDM/AUD)**

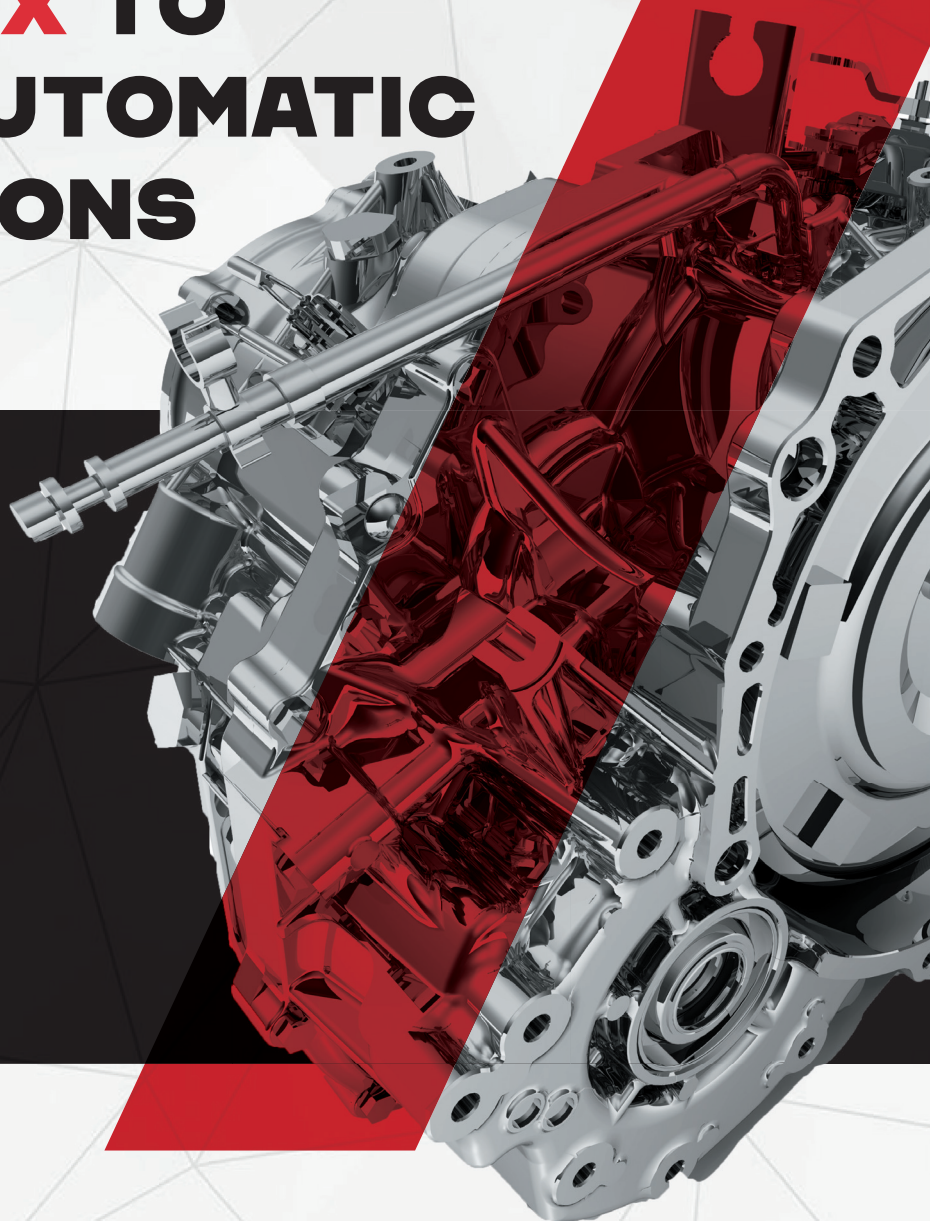
CHOOSE **FLEX** TO PROGRAM AUTOMATIC TRANSMISSIONS

Flex specializes in providing the best solutions for **Automatic Transmission Units (TCU)**.

Including numerous and innovative protocols for repair and modification, it also improves sustainability allowing the reuse of otherwise unusable mechatronic components.

TCU solutions are super fast, powerful, and stable.

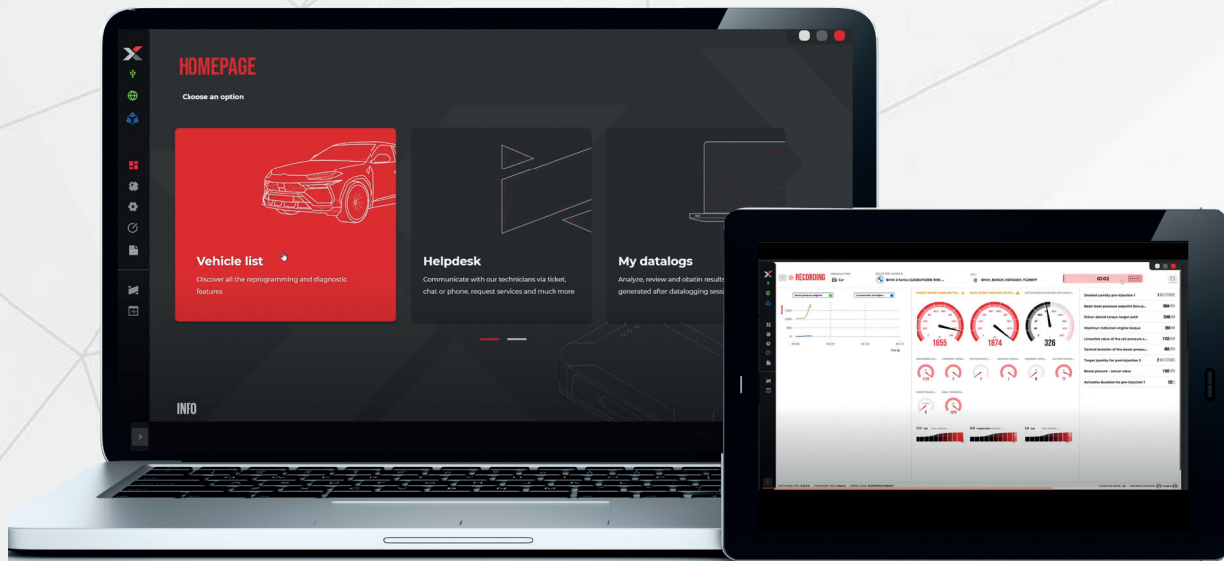
SOME FUNCTIONS: CLONE-RESTORE-PROGRAM...



WITH FLEX YOU CAN OPTIMIZE ENGINES AND TRANSMISSIONS IN TOTAL AUTONOMY.

Work with a professional and modern programming tool.

INNOVATIVE PLATFORM



- Simple and easy-to-use interface
- Interactive user manuals
- Continuously expanding vehicle list
- Web-based platform
- Real-time Datalogger

**RELY ON
FLEX AND
REVOLUTIONIZE
YOUR WORK!**





Magicmotorsport actively searches for innovative hardware and software solutions in the automotive industry.

Choose Magicmotorsport and boost your business.

FOLLOW US



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