



# PROGRAMMING

TOOL FOR **ENGINE** CONTROL UNITS, AUTOMATIC  
**TRANSMISSION** UNITS, AND **ELECTRONIC** MODULES

[www.magicmotorsport.com](http://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**, or on type of vehicle such as car, bike, heavy duty (truck, tractors, etc.).

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 periodic 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**

**CONSTANT 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

Thanks to its self-diagnosis board, Flex can monitor its status and send reports to our servers 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

A technician with a beard, wearing a black t-shirt with a 'MAG' logo, is shown from the side, holding a black Flex device connected to a car's engine. The device has the 'FLEX' logo and some red indicator lights. The background is dark, showing the interior of a car.

## EXCLUSIVE SOLUTIONS FOR MECHATRONICS

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



**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)**



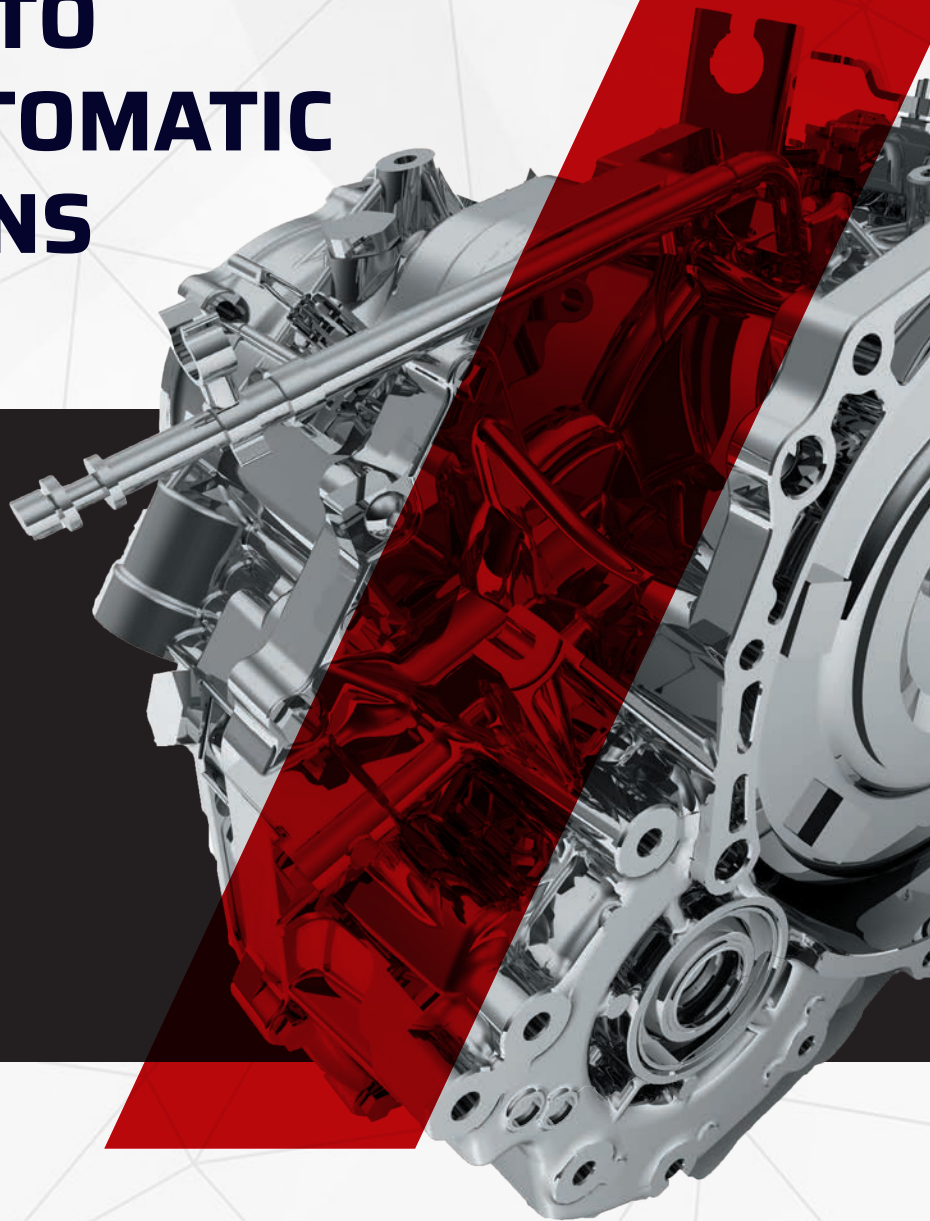
# CHOOSE **FLEX** TO PROGRAM AUTOMATIC TRANSMISSIONS

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

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

TCU solutions are super fast, powerful, and stable.

DISCOVER ITS FUNCTIONS: CLONE-RESTORE-PROGRAM...



A white heavy-duty truck is shown from the side, with a black Flexbox power unit mounted on its side. The unit has the 'FLeX' logo on it. The truck is parked in a dark environment, possibly a garage or a night scene. The background is dark, and the truck's body is white, creating a high contrast.

# RELY ON FLEX

# FOR HEAVY-DUTY VEHICLES

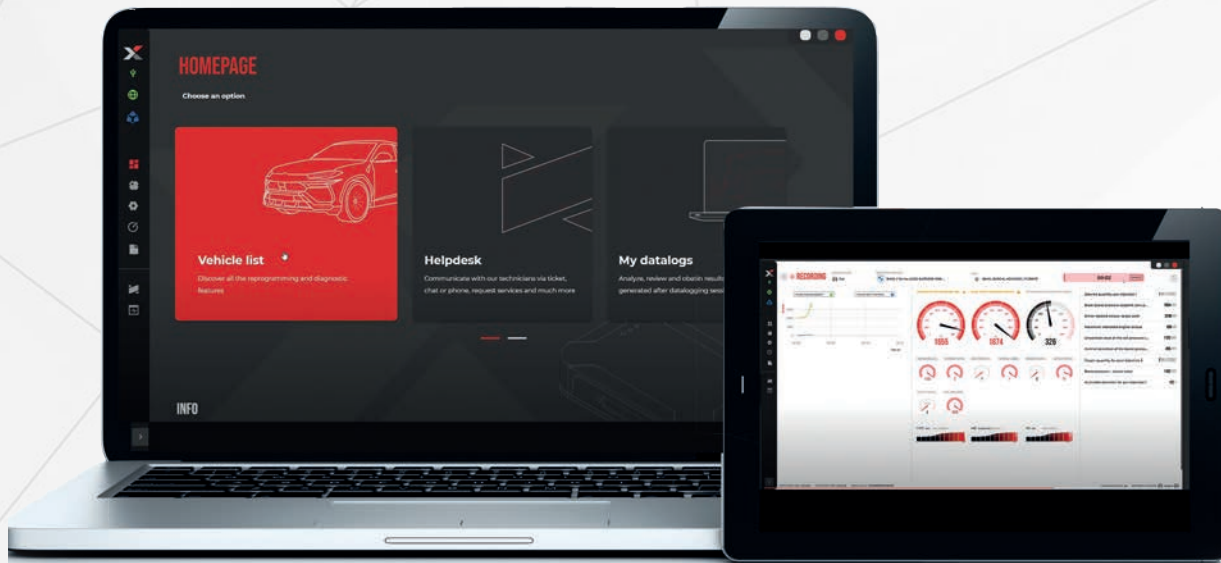
**Activate** your Heavy-duty license and get comprehensive support for all connection modes for:

- Trucks
- Industrial vehicles
- Agricultural machinery
- Heavy construction equipment
- Buses/Coaches

# 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



Magicmotorsport develops innovative hardware and software solutions in the automotive industry.

Choose Magicmotorsport and boost your business.

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