

**RAFI**

# AUTONOMY KIT

THE FUTURE OF THE AGRICULTURE INDUSTRY



The RAFI AUTONOMY KIT is a combination of modular hardware and intelligent software solutions that are adaptable and future-proof, allowing for simple integration across various industries.

[rafi-group.com](http://rafi-group.com)

# FROM MECHANICAL SYSTEM TO AUTONOMOUS PLATFORM

## CONNECTIVITY & INTERACTION

From signals to seamless communication

- HMI
- Connectivity

## PERCEPTION & SENSING

From sensors to a digital world representation

- Perception & sensor fusion
- Object detection & scene understanding

## PLANNING & CONTROL

From plans to safe motion

- Localization & mapping
- Planning & control



## SYSTEM INTEGRATION

From components to a scalable platform

- High performance computing
- Functional safety & security
- Energy management
- Intelligent tractor maintenance

## HARDWARE COMPONENTS

Reliable quality for 125 years

- Control cabinet
- Motor control
- Electronics
- Power management
- Sensors



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