

ISO Boost

DEPTH CONTROL

The ISOBUS solution to boost efficiency in soil preparation operations.

Automatic depth control

ISOBoost Depth Control is an ISOBUS Electronic Control Unit (ECU) designed for soil preparation implements. It reads analogue sensors and controls proportional or on/off solenoid valves, allowing precise manual or automatic adjustment of working depth according to soil conditions and operator settings.

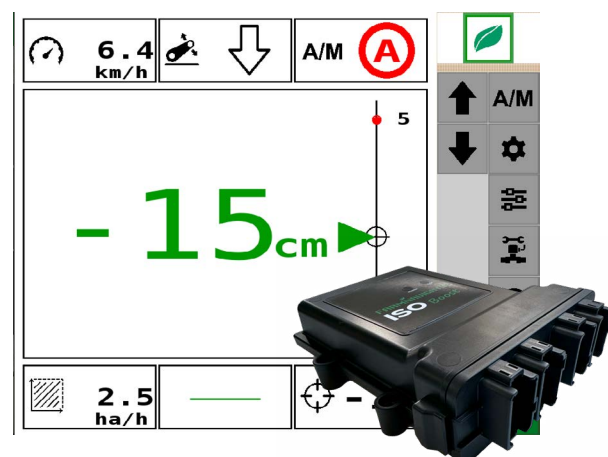
Optimized implement performance

With ISOBoost, you can upgrade any mechanical implement into an ISOBUS-ready system, fully compatible with ISOBUS tractors and monitors. The system provides real-time implement position data, enabling automatic depth adjustments that enhance seedbed quality, ensure uniform tillage, and optimize resource use. It also supports Task Control for variable rate prescription maps in ISOXML, ensuring efficient and accurate field operations.

Remote control of your implement

ISOBoost gives you access to real-time telematics data, such as location, working hours, and total hectares, on a dedicated cloud, while also providing valuable support for maintenance, warranty, and remote assistance.

- Ideal for all soil preparation machines:
 - Disc harrows
 - Weeders
 - Preparers
 - Plows
- Automatic depth monitoring and control.
- Monitor your implement position and telematics data in real time.
- Implement/office interconnection with automatic data transmission (1 year / 1000 hours of use included).
- Hassle-free wireless updates and remote support.



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UX0IBS00AM



TECHNICAL SPECIFICATIONS

Dimensions	160 x 201.5 x 54.8 mm
Power supply	9-30V
Temperature range	Operative: -20°C, 60°C Storage: -30°C, 70°C
IP Protection	IP67 resistant to dust, water, mud, vibrations;
IMU sensors	3 axial accelerometer + gyro
Connectors	<ul style="list-style-type: none">• 1x RS232 serial• 2x CANBUS
Inputs	<ul style="list-style-type: none">• 2x Analog inputs 4-20mA• 1 Analog inputs 0-10V for WAS• 1 Analog input for Battery voltage level (internal)• 2 Opto-coupled digital inputs (up to 36V)
Outputs	<ul style="list-style-type: none">• 4 Power PWM• 2 dry contacts (500mA max)
COMMUNICATION	
Bluetooth	Bluetooth LE v5.2
Modem	4G (global coverage)
SIM on chip	Roaming included
GNSS	L1 Band GPS+GLONASS antenna embedded on board
LED indicators	2x Led for power status, loading and CAN communication
ISOBUS	Interface with the tractor via a standard ISOBUS cable ISO11783-2
CONNECTIVITY	
Cloud connectivity	IoT Client for data transfer to MyFarmnavigator web portal*
FOTA	Automatic Software updates
CERTIFICATIONS	
Product certifications	CE, ROHS

FAISBFMAE011

*Eligible for EU digital transformation funds.

ACCESSORIES

- ISOBUS wiring to tractor, 5m;
- Sensor and solenoid valve wiring, 3m;
- Upgrade to 3 or 5 years of telematics services on myfarmnavigator.com

Customer Service

You can count on our sales network and our corporate Call Center in Italy.

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