


HxGN AgrOn ECU ISOBUS

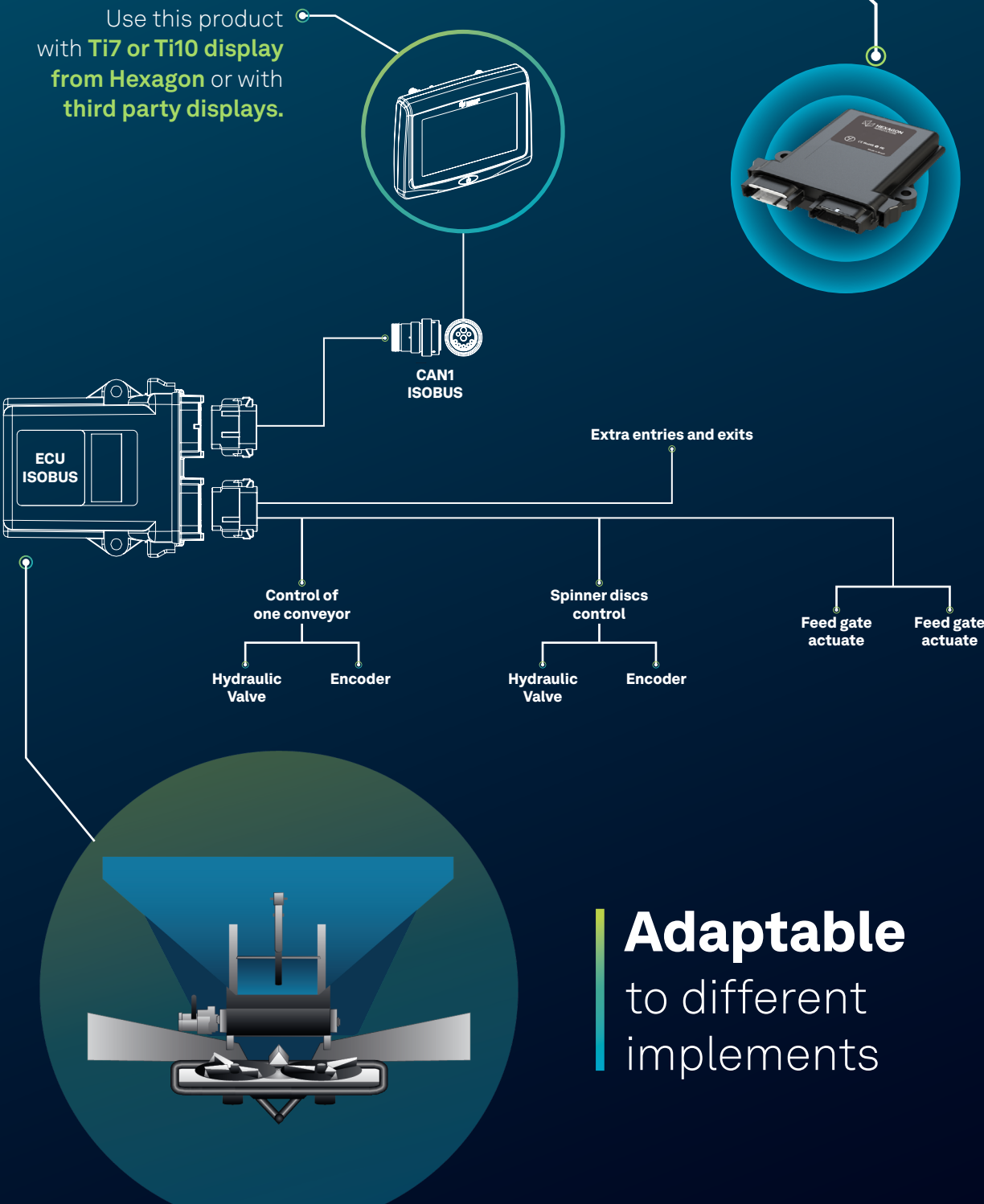
Electronic Control Unit for engines, cylinders and valves, which interfaces with sensors and actuators in agricultural and forestry implements through ISOBUS communication.

Product feature:

- Ideal for controlling and monitoring fertilization in variable rate
- Compatible with various ISOBUS displays via Virtual Terminal and Task Controller.
- Allows you to create custom working rules and dynamic configurations
- Hardware and software supports different types of field conditions
- Robust and reliable device for operation in harsh environments
- Operation screen with great usability
- Easy and quick calibration



Use this product with **Ti7 or Ti10 display from Hexagon** or with **third party displays**.



The diagram illustrates the ECU ISOBUS unit's connectivity. It features a CAN1 ISOBUS port for connection to a display. The unit controls various components through 'Extra entries and exits':

- Control of one conveyor:** Connected to a Hydraulic Valve and an Encoder.
- Spinner discs control:** Connected to a Hydraulic Valve and an Encoder.
- Feed gate actuate:** Two separate outputs for actuating feed gates.

A circular inset shows a top-down view of a conveyor system with a hopper and rollers.

Adaptable

to different implements

Check the technical specifications of the **HxGN AgrOn ECU ISOBUS**:

Characteristics	ECU ISOBUS
Interfaces	2x CAN bus
Outputs (PWM)	3x half bridge up to 10A per channel* 4x half bridge up to 2A per channel*
Inputs	4x digital** 2x analog
Inertial measurement unit	6 axis inertial sensor
Power supply	12 VDC or 24 VDC rated voltage Operating Range: 7-36 VDC
Protection index	IP67
Operating Temperature	-40 up to +105 °C
Certifications	CE and RMC, Vibration and Shock, WEEE and RoHS

*total output current: 14A
** 2 inputs shared with outputs

Controls offered by the **HxGN AgrOn ECU ISOBUS**:

- PWM output for belt control
- PWM output for platter/disk control
- Digital input for treadmill speed reading
- Digital input for reading platter/disc rotation
- ON/OFF output for 4-section control gate
- ON/OFF output for vent valve