

HxGN AgrOn Track Controller

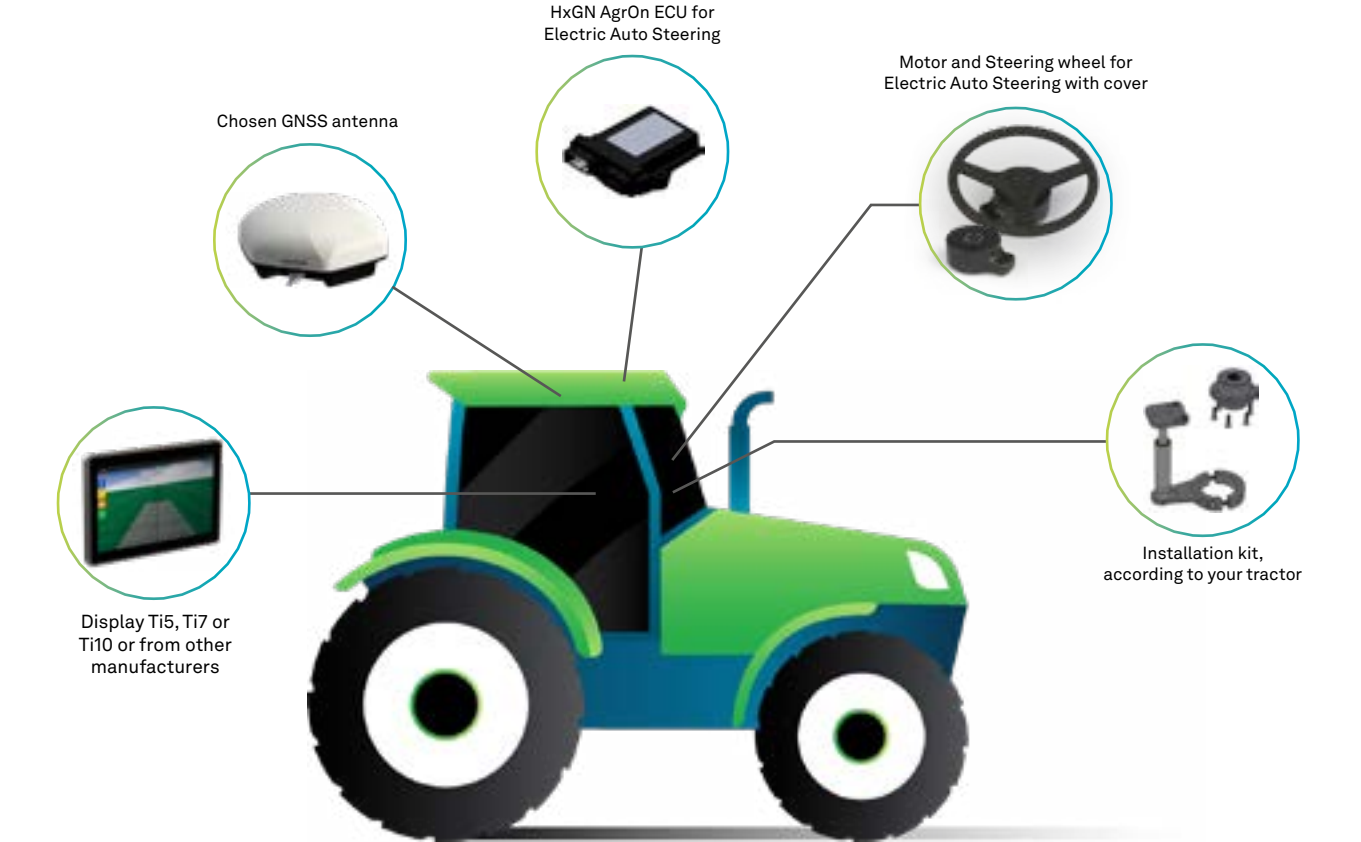
Motor for automatic electromechanical steering system that provides a retrofit solution for most models of tractors, sprayers and harvesters available on the market. The mechanical and electronic connection design allows easy and fast installation and/or exchange, in addition to having a simple drive.

Find out more about this product:

- Electric drive.
- It has an additional module with an inertial navigation unit, improving the estimate of the vehicle's orientation in combination with a satellite positioning system and also compensating for the position on sloping terrain.
- Possibility to operate in conjunction with external controllers (ECU).
- Easy integration with controllers from other manufacturers. Being able to control the direction of the vehicle or only the position of the steering wheel.



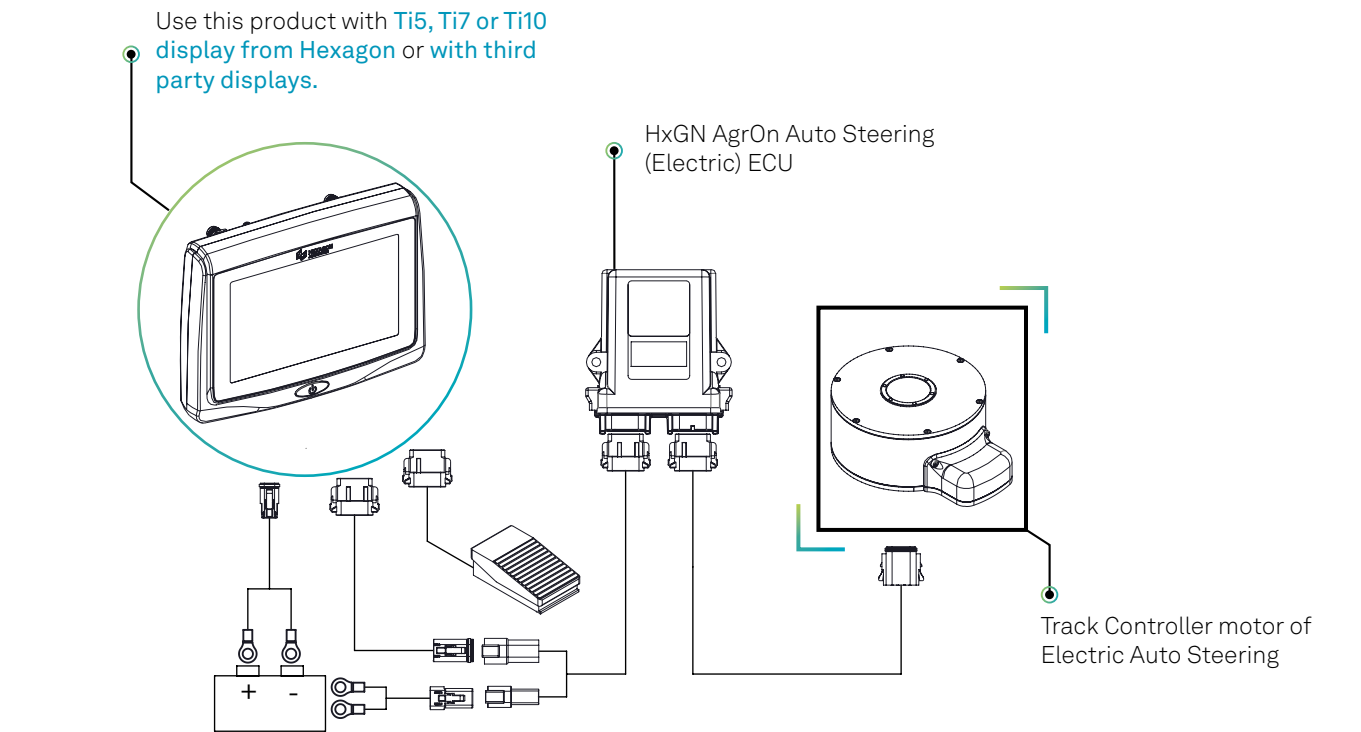
Get to know the structure of the AgrOn Track Controller:



Understand how AgrOn Track Controller is integrated with displays:

The AgrOn Track Controller uses an external controller to receive position information through the display, thus acting directly on the motor.

The image below represents the system controller connections:



Find out about all the technical specifications of AgrOn Track Controller:

Characteristics	Track Controller
Accuracy of steering wheel position	2.74 degrees
Brushless DC motor with integrated planetary gearbox	Yes
Specifically designed adaptor for steering column	Yes
Handwheel sensor	Yes, when integrated into the ECU
Remote Engage Switch	Yes
Harness integrated power switch	Yes
Power	12V - 10A max peak
Max Speed	200 RPM
Rated Torque @ 160 RPM	4,01 Nm
Stall Torque	5,65 Nm
Weight	2,65Kg
Operating temperature	-40°C to 85°C
Storage temperature	-40°C to 85°C
Compliance	CE, RCM and FCC PART 15
Vibration compliant with MIL-STD-810G, METHOD 514.6, CATEGORY 24 7.69 Grms and IEC 60068-2-6	Sinusoidal (5g, 10-200Hz)
Mechanical shock compliant with MIL-STD-810G, METHOD 516.6	PROCEDURE 1 SAWTOOTH - 40G, 1ms