

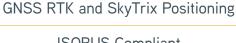
Automated Steering System

Total Ag Control

CHCNAV

The CHCNAV NX612 Automated Steering System delivers reliable performance in diverse agricultural landscapes.

It connects seamlessly to GNSS RTK networks and CHCNAV SkyTrix satellite correction services, providing ±2.5 cm accuracy even in remote areas without network coverage, making it suitable for precision farming anywhere. The system's compact drive wheel motor saves cab space and improves operator comfort. Its industrial-grade 12-inch HD display with large icons, 3D views and a user-friendly interface makes operation simple and efficient.



ISOBUS Compliant

Smarter U-Turn

Online Farm Management

Advanced Implement Guidance

Panoramic Control View



Multiple GNSS & PPP Modes

SPP, DGPS, RTK, E-PPP, H-PPP, and SkyTrix.



Exceptional Performance

Superior accuracy at speeds from 0.1 to 30 km/h.



Multiple Guideline Patterns

Adapt to diverse agricultural landscapes.



Highly Versatile

Packed with features for different user needs.



GNSS RTK and SkyTrix Positioning

The NX612 supports GNSS RTK corrections and integrates SkyTrix, CHCNAV's satellite-based correction service, providing ±2.5 cm accuracy even in areas without network access.

Online Farm Management

An optional access to the FarmMaster platform provides advanced farm management utilities. It features a detailed real-time dashboard and remote management tools that allow farmers to create tasks, transfer data and view location information.

ISOBUS Compliant

The NX612 supports ISOBUS UT, AUX-N, TC-BAS, TC-SC, and TC-GEO, enabling real-time monitoring and smart control of farm implements. Users can collect and manage operational data, ensuring precise and efficient farming practices.

Advanced Implement Guidance

With advanced implement guidance, the NX612 maintains accuracy and straightness when operating on slopes. By keeping implements in line, it prevents drift and improves accuracy.

Precision Seeding

Strip Cropping

Crop Spraying

Harvesting Optimisation

With five U-turn modes available—Basic AB Line U-turn (including Skipping U-turn), A+ Line U-turn, Curve Line U-turn, Boundary U-turn, and Headland U-turn—the system adapts to diverse operational requirements.

Panoramic Control View

Four-channel cameras provide a panoramic view, improving safety and reliability for large harvesters and other vehicles during farming operations.

Positioning

GNSS: Full GNSS + SkyTrix
Precision max: ≤ 2.5 cm

Components

Display: 12.1", Android Guidance control: Integrated Steering control: Electric Camera: 1~4 channels input

Connectivity

Wireless: Wi-Fi, Bluetooth Cellular: 4G LTE Modem: 410-470 MHz, Rx Ports: CAN, RS232



