

Total  g Control

CHCNAV



# Automated Steering System

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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  $\pm 2.5$  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.

GNSS RTK and SkyTriX Positioning

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.

Contact Tony on 027 455 2272, or visit [totalagcontrol.co.nz](http://totalagcontrol.co.nz) or pop in at 183 Alford Forest Road Allenton, Ashburton.



# Benefits and Performances

## GNSS RTK and SkyTriX Positioning

The NX612 supports GNSS RTK corrections and integrates SkyTriX, CHCNAV's satellite-based correction service, providing  $\pm 2.5$  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.

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## Precision Seeding

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## Strip Cropping

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## Crop Spraying

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## Harvesting Optimisation

## Smarter U-Turn

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:  $\leq 2.5$  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