



UNICONTROL
MACHINE CONTROL MADE SIMPLE

UNICONTROL3D FOR WHEEL LOADERS

Unicontrol3D is a user-friendly 3D machine control system that supports any types of wheel loader and integrates seamlessly into fleets equipped with existing construction technology.

3D machine control allows operators of all levels to view their work in real-time and collect as-built data for quality control, resulting in a more productive earthmoving workflow. With real-time guidance on grades and heights, operators can work independently, reducing labor needs and enhancing on-site safety.

The intuitive interface enables users to quickly navigate and implement the system for more efficient operations. With 90+ customizable features, it can easily be adapted to suit local processes and individual preferences.

unicontrol.com

CONTACT US

+45 89 800 240
contact@unicontrol.io
unicontrol.com

UNICONTROL3D



**3D
MACHINE
CONTROL**

FOR ALL
TYPES OF
WHEEL
LOADERS



unicontrol.com

ELIMINATE REWORK & SAVE COSTS



Unicontrol3D for wheel loaders offers a simple and affordable solution to boost the productivity of your earthmoving operations. The system ensures precise grading levels every time, minimizing unnecessary rework and downtime.

The operator can continuously monitor bucket- and machine positions against the design, allowing for precise grading and cut/fill cycles. By reducing rework, labor costs, and overall operating time, Unicontrol3D helps you complete jobs faster—without compromising quality.

INTUITIVE INTERFACE



Simplicity is at the core of the Unicontrol3D interface. For us, “intuitive” means that first-time users, even without prior technical experience, can start using the system right away, ensuring a true plug-and-play experience.

The press-and-hold navigation, combined with the easy access to key menu layers, makes the system straightforward and ready for immediate operation.



contact@unicontrol.io

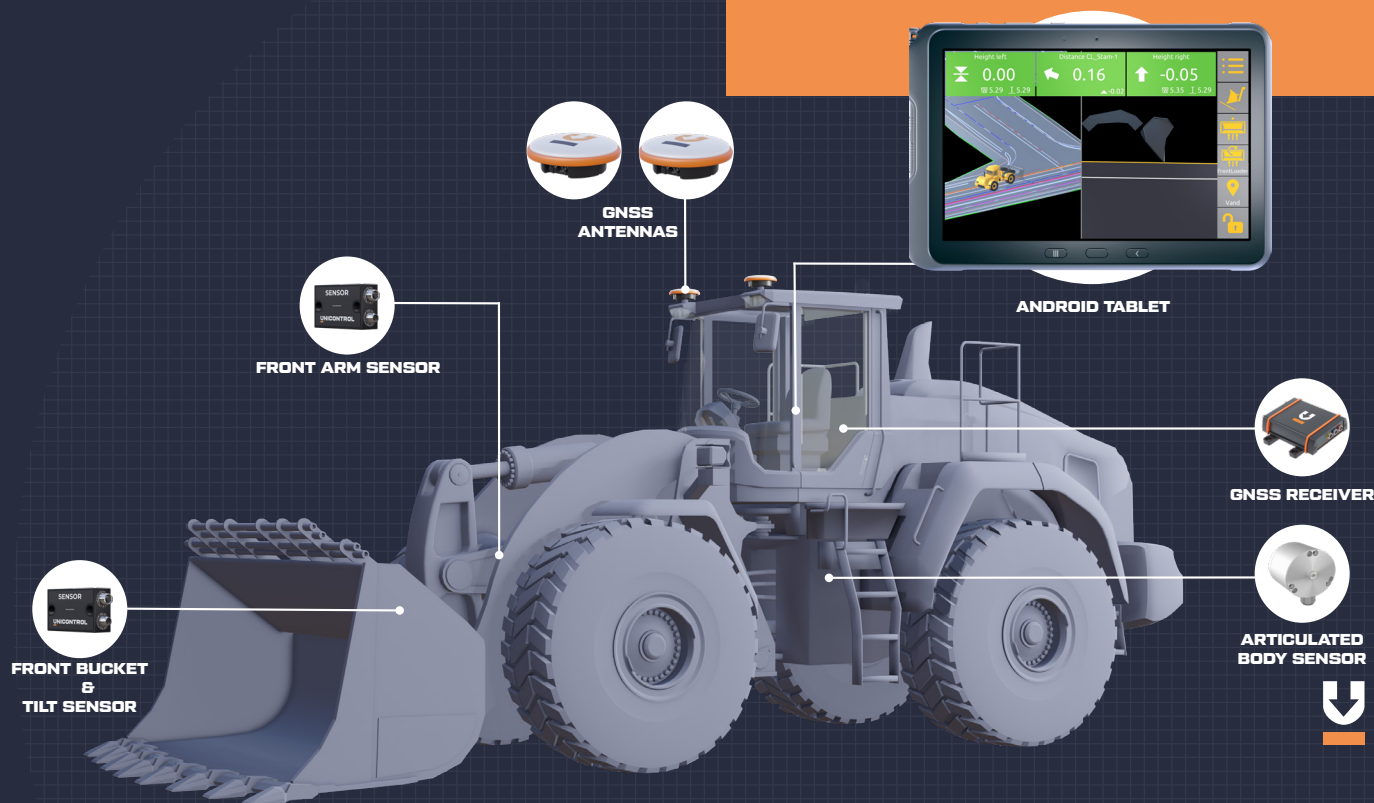
REAL-TIME GUIDANCE & EASY QUALITY CONTROL



With real-time guidance displayed on the in-cab tablet, operators can check grades while working, ensuring precise control over grading and excavation tasks. This feature empowers operators to work independently, eliminating the need for continuous grade checking by additional workers, which reduces labor costs.

Data for documentation and quality assurance is automatically synchronized between the office and the wheel loader, creating a paperless and more efficient workflow.

Unicontrol3D ensures the job is completed accurately and efficiently the first time!



UNICONTROL3D FEATURES

- Real-Time 3D Visual Guidance
- Screen Share Interface for Quick Remote Support
- DXF, LandXML & KOF File Format Support
- Support for External Radio Brands
- Blade Mounted GNSS Antennas for Increased Precision
- Shock- and Vibration Resistant GNSS Antennas & Masts
- Instant Data, Design File & As-built Synchronization
- Correction data: RTCM3.x, CMR & CMR+ (Internet or Radio)