

MACHINE CONTROL MADE SIMPLE





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Our mission is straightforward: to simplify and ensure the safety of earthmoving.

We've dedicated countless hours to innovating and crafting Unicontrol3D, the most intuitive, high-quality 3D machine control system on the market. This system embodies our belief that machine control should be straightforward, offering a user-friendly, safe, and cost-effective solution for all earthmovers.

Unicontrol3D is developed with direct input and testing from the people who use it—contractors and machine operators. Their invaluable feedback has allowed us to refine a product that truly enhances their work, eliminating the need for complex technical knowledge.

Our initial offering catered to compact excavators, but we've expanded our capabilities to include wheel loaders, grading attachments, dozers, and backhoes, supported by UnicontrolCloud & UnicontrolRover.

DO MORE WITH LESS!

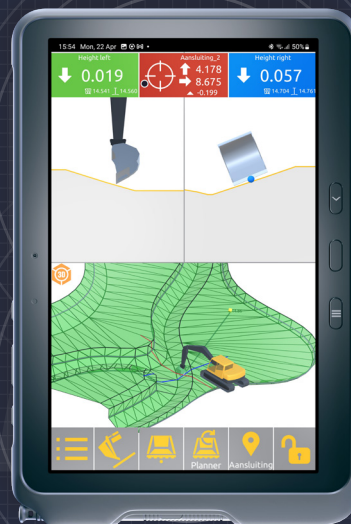
- FEWER RESOURCES, MORE OUTPUT
- LESS EXPERIENCE, MORE CAPABLE
- LOWER INVESTMENT, MORE COMPETITIVE



MADE WITH AND FOR THE OPERATOR

Customize the system to specific tasks, projects, or operator preferences. The simple interface caters to advanced features and basic 3D guidance, regardless of the **size or type of machine**. The **intuitive tablet design** ensures that **essential features are easily accessible**, with **straightforward navigation and no superfluous interactions**.

BASIC MACHINE GUIDANCE

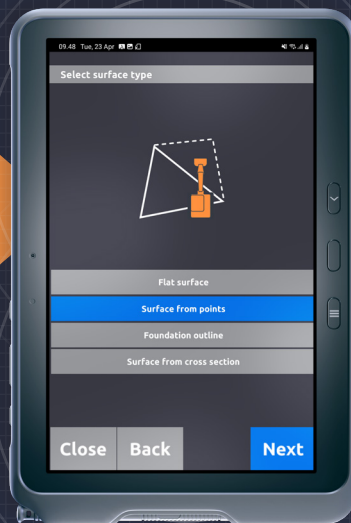


- SET OFFSET
- CHANGE BUCKET OR FOCUS
- MEASURE A POINT
- LOCK ON A REFERENCE LINE



ADVANCED DESIGN & DATA

**PERSONALIZE
SYSTEM WITH
90+ FEATURES**



- CREATE PROJECTS & 3D DESIGNS
- DOCUMENT AS-BUILT
- PERSONALIZE INTERFACE
- CALIBRATE BUCKETS
- CHANGE CORRECTION SETTINGS





3D MACHINE CONTROL

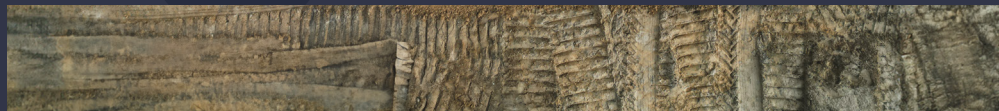
ONE INTERFACE FOR ALL EARTHMOVERS

Eliminate unnecessary rework with Unicontrol3D's adaptable interface to meet the operator's needs and skill level. Operators can quickly learn to use the system and start adding value within just 30 minutes, thanks to a constant collection of operator feedback.

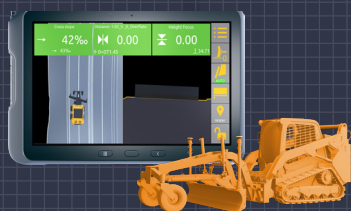
The key advantage of adopting machine control like Unicontrol3D is the ability to get the job done correctly on the first attempt. Operators can accurately gauge the amount of material to remove and precisely place it, ensuring the right location is achieved, and the work is documented.

This significantly reduces the risk of errors and the need for costly do-overs, conserving valuable resources.

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SUPPORTED EARTHMOVERS



GRADING ATTACHMENTS

Automatic Blade Control & Side shift



DOZERS

Automatic 6-way Blade Control



EXCAVATORS

Full Swing Boom Support



WHEEL LOADERS

Full Articulated Body Support



KEY FEATURES

- REAL-TIME 3D VISUAL GUIDANCE
- ADVANCED IN-FIELD DESIGNS
- AUTOMATIC AS-BUILT DOCUMENTATION
- CUSTOMIZABLE INTERFACE
- OPERATE2D WITHOUT GPS
- TRIPLE-BAND SATELLITE TRACKING: (GPS, GLONASS, BEIDOU, GALILEO)
- ROBUST DISPLAY - IP68 MIL-STD-840
- CORRECTION DATA: RTCM3.X, CMR & CMR+ (INTERNET OR RADIO)



2D MACHINE CONTROL

MEASURE HEIGHTS FROM THE CAB

Unicontrol2D is the most accessible machine controlsolution on the market, developed to help any contractor dig with real-time guidance inside the cab.

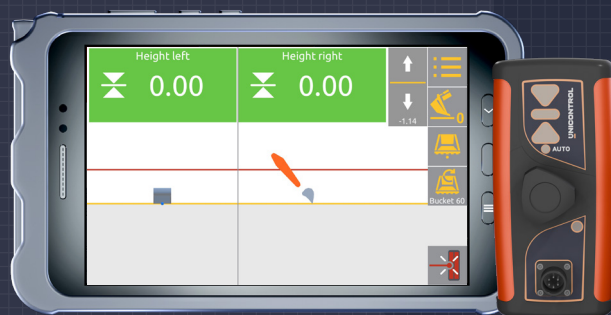
The intuitive tablet interface and high-quality sensors deliver precision at an affordable price. With precise instant feedback on depth and slope, Unicontrol2D ensures you avoid over-digging, saving time and reducing material waste.

Using the same quality hardware as our 3D solution, Unicontrol2D allows contractors to scale easier with flexible upgrades to 3D technology.

With a straightforward upgrade path to 3D machine control, Unicontrol2D is a smart, future-proof investment. Finish jobs faster and move on to the next project with Unicontrol2D!

UNICONTROL^{2D}

Precision in every dimension



GENERAL FUNCTIONS

- ±2MM LASER ACCURACY
- JOYSTICK INTEGRATION
- BUILT-IN CUT & FILL DISPLAY
- MONTHLY GPS UPGRADES
- EASY RE-BENCHING



UNICONTROL ONDEMAND

2D TODAY, 3D TOMORROW

Unicontrol OnDemand lets contractors upgrade from 2D to 3D when advanced projects require 3D functionality—without without fearing a high upfront investment. With temporary access to 3D machine control, you only pay for what you need, keeping costs low and project margins high.

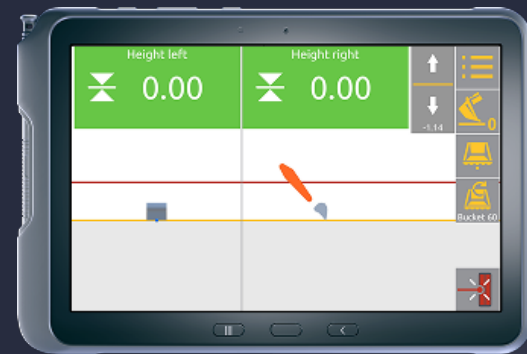
With a flexible upgrade path, contractors can control costs through a low monthly payment that automatically cancels after a set period. This means you can use 3D only when necessary—perfect for unpredictable project schedules or occasional 3D project demands. With Unicontrol OnDemand, contractors can upgrade to 3D without a long-term commitment—eliminating unnecessary costs for downtime.

Get the most flexible 3D machine control solution—available with Unicontrol2D.

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2D MACHINE CONTROL



- LASER- OR BUCKET REFERENCE
- MEASURE HEIGHT & SLOPES
- STORE & LOAD REFERENCE POINTS

UNICONTROL
OnDemand

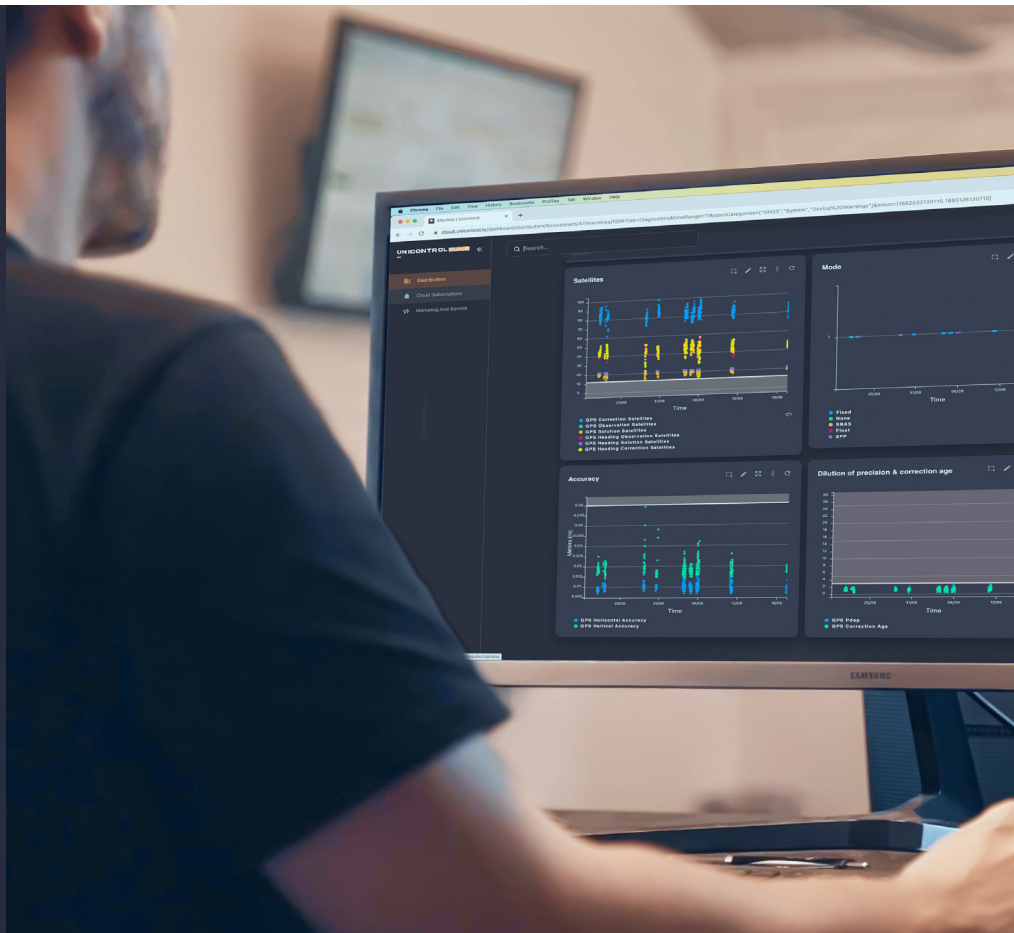
**SWITCH
BETWEEN 2D
AND
ON DEMAND 3D**

3D MACHINE CONTROL



- GNSS POSITIONING
- 3D DESIGN FILES
- AS-BUILT DOCUMENTATION





UNICONTROLCLOUD

A SINGLE POINT CONNECTING ALL YOUR ACTIVITIES



UnicontrolCloud revolutionizes project management and collaboration, making communication between machines and workstations seamless and paper-free. This cloud-based solution enhances on-site efficiency and teamwork by providing a centralized project management platform. With UnicontrolCloud, uploading project data, design files, and as-built information is quick and effortless, allowing for real-time management of all machinery directly from the office—eliminating the need for time-consuming data transfers between machines and the office.

DIAGNOSTICS

UnicontrolCloud delivers comprehensive diagnostics for every machine in your fleet, streamlining the process of identifying and addressing operational issues. Operators can also back up their calibration settings and quickly restore them if any functional problems arise.

DIGITAL CONSTRUCTION

UnicontrolCloud serves as a centralized platform for distributors to access customer profiles, machine details, files, and diagnostics. This enables efficient remote support and troubleshooting for customers' digital construction sites, all through UnicontrolCloud.

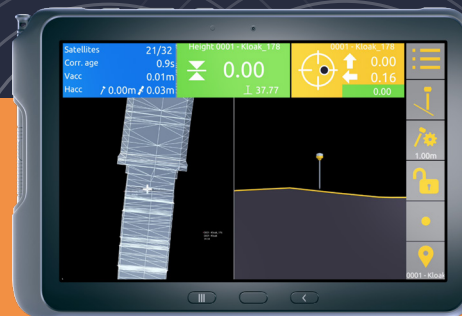
LESS REWORK

With UnicontrolCloud's remote support, operators can do precise digging or grading without stopping. This significantly reduces the likelihood of errors and the subsequent need for rework.



ROVER AND BASE STATION

**STAKE OUT, DESIGN,
AND MEASURE EASIER
THAN EVER!**



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UnicontrolRover enhances construction site efficiency with its user-friendly interface and portable wireless screen, streamlining point staking and data collection for operators, foremen, and surveyors.

As the universal solution, it minimizes delays and enhances synchronization with UnicontrolCloud, facilitating real-time data sharing among machines and the office. It supports seamless integration with other Unicontrol systems, fostering collaborative efficiency. Engineered for precision, the rover receives signals from satellites across GPS, GLONASS, BeiDou, and Galileo, features built-in tilt compensation, and connects via cellular networks and built-in radio, ensuring accurate measurements everywhere.

The build-in tilt function up to 60° boosts productivity by maintaining precision without stops. The UnicontrolRover is available in a version with full base station functionality.



KEY FEATURES

- VOLUME CALCULATION
- EASY STAKEOUT & MEASURE
- ADVANCED IN-FIELD DESIGNS
- AUTOMATIC AS-BUILT DOCUMENTATION
- EXPORT AS DXF & XML





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