

SITENAV



3D Excavator Solution

Enhance Project Management, Safety and Productivity across job sites with SITENAV - a 3D grade control system. Compatible with all excavator types and buckets, our solution can be easily transferred between excavators. With real-time, high accuracy positioning of the machine, dig accurately to designs with ease. Use the in-cab tablet or LED indicator directly in the cab for simple and precise guidance.

Advantages

✓ A Wireless Modular Sensor System

Outfit the boom, dipper and bucket with our solar-supported, wireless sensors and receive real-time data on the machines positioning. Monitor the precise location of the bucket teeth directly on the control screen, all from the safety of your cab. With our wireless approach, installation is quicker and cables are not there to receive damage.

✓ A Universal Solution

SITENAV Machine Control is easy to install on all types of excavators and buckets. Sensors can be added based on the machine type (knuckle boom, tilt buckets & rotatory attachments, etc.). Our team can complete the installation in just a few hours, ensuring your machine is fully operational on the same day.

✓ Centimeter accuracy

The SITENAV system gives you real-time insight in the operations progress, even on complex surfaces or lengthy linear sites. Whatever your earthworks, grading or infrastructure projects, SITENAV guarantees centimeter accuracy and efficient control of your jobsites.



GNSS antennas



Wireless sensors



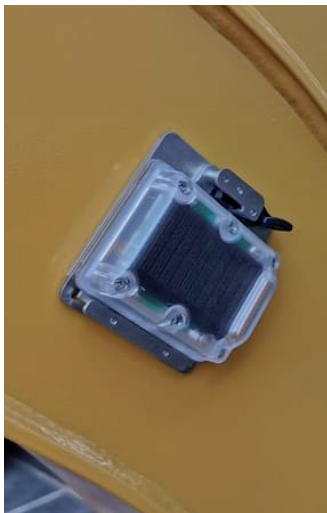
Bargraph (LEDs)



Touch Pad

OUR 3D EXCAVATOR GUIDANCE SOFTWARE

SITENAV 3D excavator control software is easy to use. Our user-friendly interface makes it easy for both experienced and novice operators to get a hang of. Easily import your projects in DXF format or export your survey plans from your survey rover or directly from your machine. If the engineering office updates plans, these are transmitted directly to each machine via the integrated SIM card.



The perfect modules for all types of work

Optimise your work in wetlands with our **Hydro 3D module**. A complete solution with optional submerged sensor or clamshell bucket.

You work in the forest sector? Our **Forestry module** helps you manage your plots with precision: mapping, planning, plant counting, and planting recommendations.

SITENAV 3D EXCAVATOR, FOR WHOM?

For Owners

Give your machine operators greater autonomy! Our all-in-one solution will enable them to detect existing urban networks on their jobsites or follow a line with a customised offset based on the bucket reference point.

For Surveyors

Import DXF projects including DTMs, linework, and background maps directly into the machine. Export survey plans with ease, using your own coding or the coding generated by our SITENAV system, accessible via the machine or the Rover kit.

WHY CHOOSE SITENAV ?



Installation and calibration in less than a half-day



A multi-machine, multi-bucket wireless solution



Intuitive interface for monitoring your site



Permanent geo-referencing of the machine using GNSS RTK



Technical assistance and on-line maintenance



SITENAV

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