

SITENAV



3D Bulldozer Guidance

The SITENAV 3D machine control system enables you to tackle any project, whether simple or complex, with centimeter-level accuracy of ± 2 cm required. From stripping and leveling to ground finishing and earthworks, it boosts your productivity like never before.

Advantages

✓ Increased precision

Our satellite guidance system (GNSS) enables real-time tracking of your worksites. Combined with the tablet and the dual bargraph in the cab, the operator knows at all times the exact position of the blade compared to the design surface.

✓ Productivity increase

Excavation and backfill data measured on the ground are transmitted in real-time to the tablet so you can see the corrections you need to make in manual mode. Increase your productivity and save money by adjusting the thickness of your layers.

✓ Greater autonomy on your jobsites

Upload your projects in standard .DWG/.DXF format to the tablet in the cab. Everything the driver needs to work autonomously is displayed on-screen whether it's the blade tilt for leveling or instructions for grading complex surfaces.



GNSS antennas



Touch pad



LED Bargraph

OUR 3D BULLDOZER MACHINE CONTROL SOFTWARE

SITENAV 3D Bulldozer is user-friendly software designed for all skill levels. Its intuitive interface makes it easy for both experienced and novice drivers to get started quickly. Import your projects in DTM, DXF, or line formats, and set up alerts to identify existing networks.

You can also guide to line with a customised offset, adjusted to the blades reference point.



A complete solution

Thanks to SITENAV 3D, the equipment installed on your bulldozer can be transferred to other machines such as a **grader** or a **skid steer loader**.

This maximises your cost-effectiveness while increasing flexibility on your job sites.

SITENAV 3D BULLDOZER, 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, 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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