

3D Machine Guidance system which can be installed to any kind of machines
Unlock the benefit of daily progress management by mapping As-built



Smart Construction 3D Machine Guidance Flex

Survey

Plan

Construction

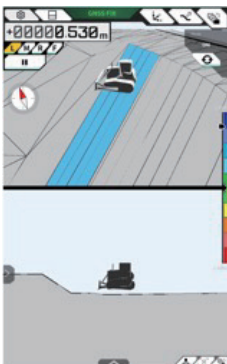
Inspection



Smart Construction 3D Machine Guidance Flex: Features

Support operations with retrofittable digital technology

Realtme display of 3D design data and machine location from a tablet makes it possible for operator to operate a machine without checking stakes.



Realtme heatmap display

Displays realtme heatmap which is based on the elevation difference between 3D design data and As-built.



Variety of installable machines

By installing the kit on any kinds of machines, you can map As-built and use the data for daily progress management.



Benefits of Smart Construction 3D Machine Guidance Flex

You can install the kit on various machines operating at the jobsite, such as bulldozers, motor graders, and rollers, enabling 3D Machine Guidance and As-built mapping.



【Jobsite Manager】

- Progress management with As-built
- Improve productivity with Guidance
- Improve safety by reducing human check



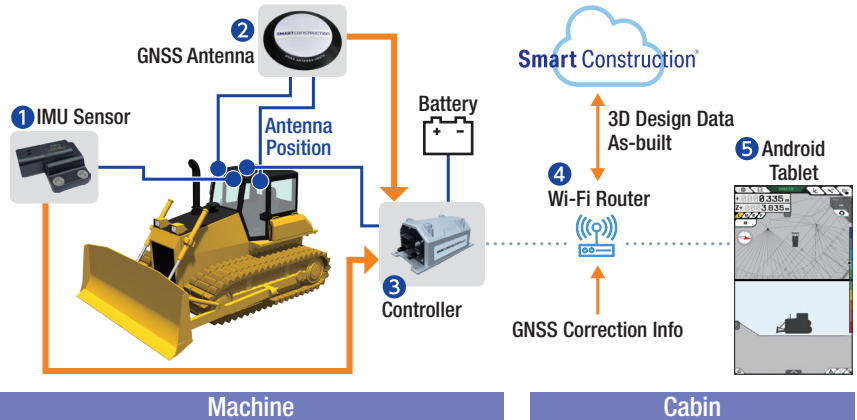
【Operator】

- Reduce stake checking time
- Improve operation efficiency with Guidance
- Understand machine location in design

System

Installations

- 1 IMU Sensor**
- 2 GNSS Antenna**
- 3 Controller**
- 4 Wi-Fi Router**
- 5 Android Tablet**



※ Digital radio is required to send correction info to the machine at non internet area.

Integration with Smart Construction suite

Smart Construction 3D Machine Guidance Flex

Digitize your jobsite with 3D Guidance



Smart Construction Dashboard

Visualize daily As-built in 3D

As-built is uploaded to Smart Construction Dashboard as point cloud data. You can understand and manage daily progress of your jobsite more efficiently.

Terms of Use	Device	Registration	Contract	Data	Others
	 • PC • Android Tablet/ Tablet Holder • Wi-Fi Router • Smart Construction 3D Machine Guidance Flex KIT	 Smart Construction Account	 • Smart Construction Pilot Flex App • Internet Service	• 3D design data (TP3 • LandXML • DXF) • Localization data (TP3 • GC3)	• Prepare below items based on the jobsite environment. (GNSS Correction info service • Base station • Digital radio)

For questions about our products, services, and their introduction, please contact us.

Smart Construction Support
<https://support.smartconstruction.com>



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