

## Smart Construction 3D Machine Guidance

Survey

Plan

Construction

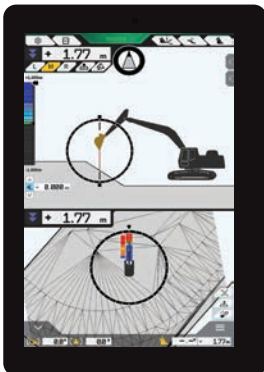
Inspection



### Smart Construction 3D Machine Guidance: Features

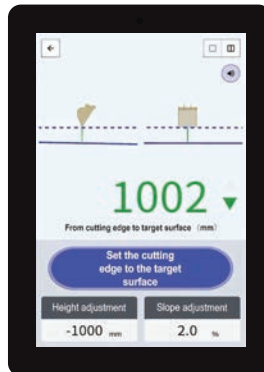
#### 3D Machine Guidance

3D Machine Guidance displays real-time 3D view of machine movement and bucket distance to the target design data. Therefore, stakes are not necessary and operator can finish their jobs faster and more efficiently.



#### 3DMG Basic

3DMG Basic enables operator to start simple 3D Machine Guidance without target design data. Simply set target surface from the location of cutting edge and set height and slope.



#### Payload Meter

Payload Meter allows operator to monitor the weight of individual bucket in real-time. Ensuring to load maximum amount of soil, preventing overload at the sametime.



# Smart Construction 3D Machine Guidance VS Conventional Machine

Slope Shape Final



**52% faster performance**  
(m<sup>2</sup>/Hour)

**27% less fuel consumption**  
(Ltr/m<sup>2</sup>)

Flat Surface Final

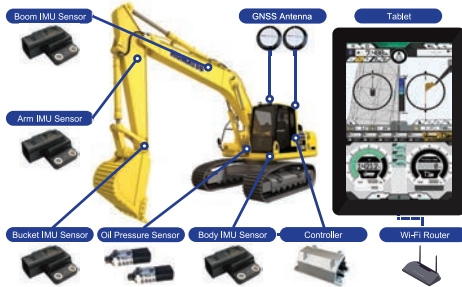


**39% faster performance**  
(m<sup>2</sup>/Hour)

**20% less fuel consumption**  
(Ltr/m<sup>2</sup>)

※Results may vary based on individual jobsite environments.

## Integration with Smart Construction suite

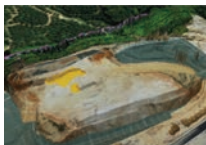


**Smart Construction**  
3D Machine Guidance

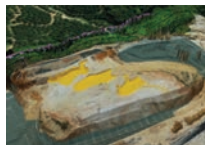


**PC30MR ~ PC1250**  
Applicable Class

### Smart Construction Dashboard



As-built Day 1



As-built Day 2

As-built is uploaded to the Smart Construction Dashboard every day and is utilized for calculating the progress of jobsite.

### Smart Construction Fleet



App/Device

Loading, unloading counts and loaded soil volume per truck by payload meter are recorded.

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

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



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### Contents Gallery

3D Machine Guidance



3DMG Basic



### Inquiries