3D Machine Guidance Simplified chart

2024. July 1 Ver1.3

Main menu

Various features are stored.

Display split

Split and switch screens are possible.

GNSS status

Receiving status display.

Cutting edge position measurement

The point of the cutting edge can be measured.

Set target surface offset

Offset the target surface.

Bucket icon

The bucket in use can be changed.

Facing angle compass

Displays the orthogonal state of the selected Select Target Surface TIN. Compass responds only to the Slope data.

Display bucket bottom rotation angle and Display distance to the cutting edge

Cutting edge position

Change the measurement position of the cutting edge.

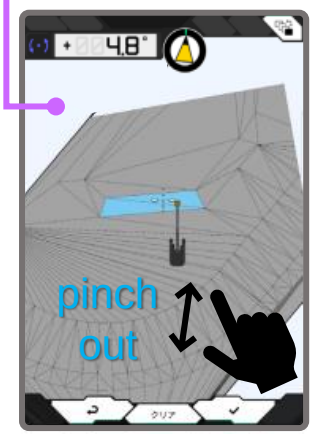
Add topography measurement point

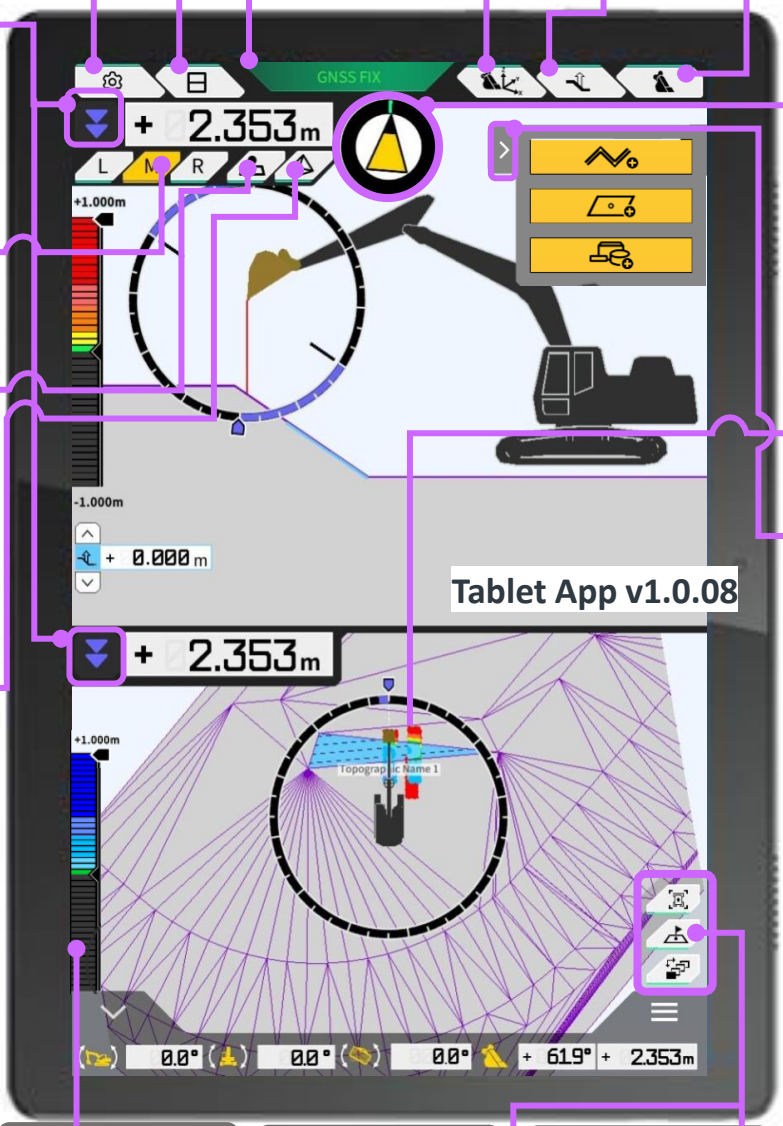
Obtained Points be Saved points to Pilot WEB.

Select Target Surface TIN

From the TIN of the Design data The target TIN can be selected

Adjusting the maximum gradient the range of TIN.





Heat map

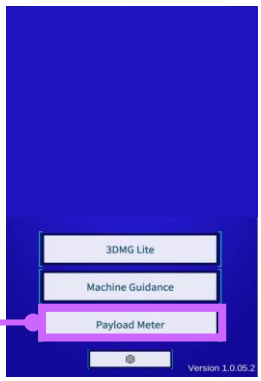
Sub window display

Creation of the data from the linework.

Creation of the simple design surface.

Creation of the Geofance data.

Payload Meter



Light gage

The height to the design data is gradient to the design data.

Display reset

The display view can be reset.

Mini map

Work area can be displayed on the Over Veiw. (60m x 60m)

View switching

Smart Construction

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Truck list

Indication of maximum loading capacity of trucks.

Selected truck

The currently selected track is displayed.

Load gauge

Loading volume is indicated by a gauge.

Load volume

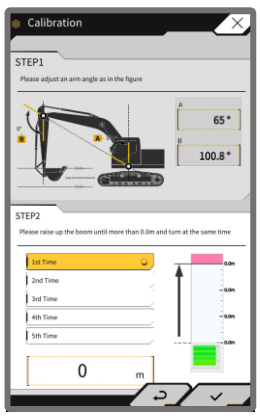
Numerical display of loading volume.

Remaining Weight loadable

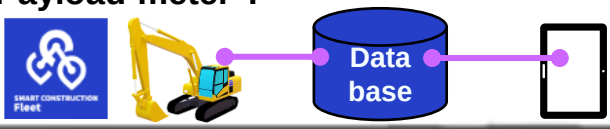
Displays remaining loadable capacity.

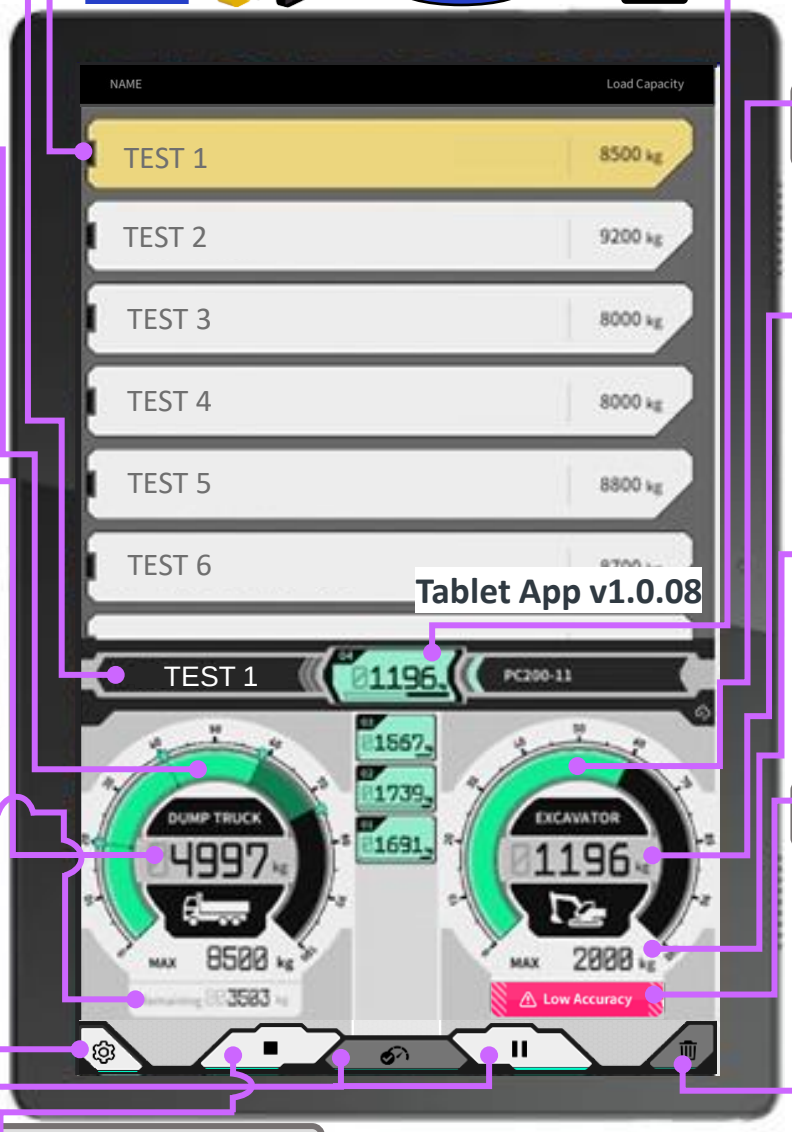
Main menu

Calibration settings and You can set connecting to with Fleet.
Calibration settings are required to use payloads.



SMART CONSTRUCTION Fleet can display and select a list of trucks by connecting " Machine Registration" and "Payload meter".





Loading history

Loading history is displayed.
It also deletes the history by clicking “history delete“ loading.

Digging gauge

Loading volume is indicated by a gauge.

Digging volume

Numerical display of digging volume.

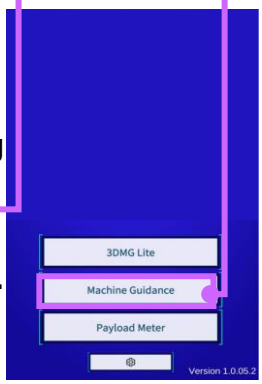
Bucket digging amount

Maximum amount of digging per time is indicated.

Caution

Indicated when loading is inaccurate.

Machine Guidance



Loading start・finish

Button for start/finish of loading.

Loading weight decision button

Weight can be determined by pressing a button without a bucket dump.

Loading Pause

Suspend work during loading.

Loading history delete

Delete history during loading.

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