3D Machine Guidance Simplified chart

2024. April 1 Ver1.2.1

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.

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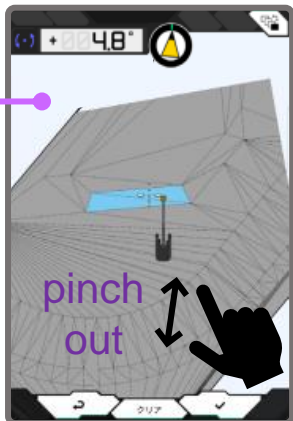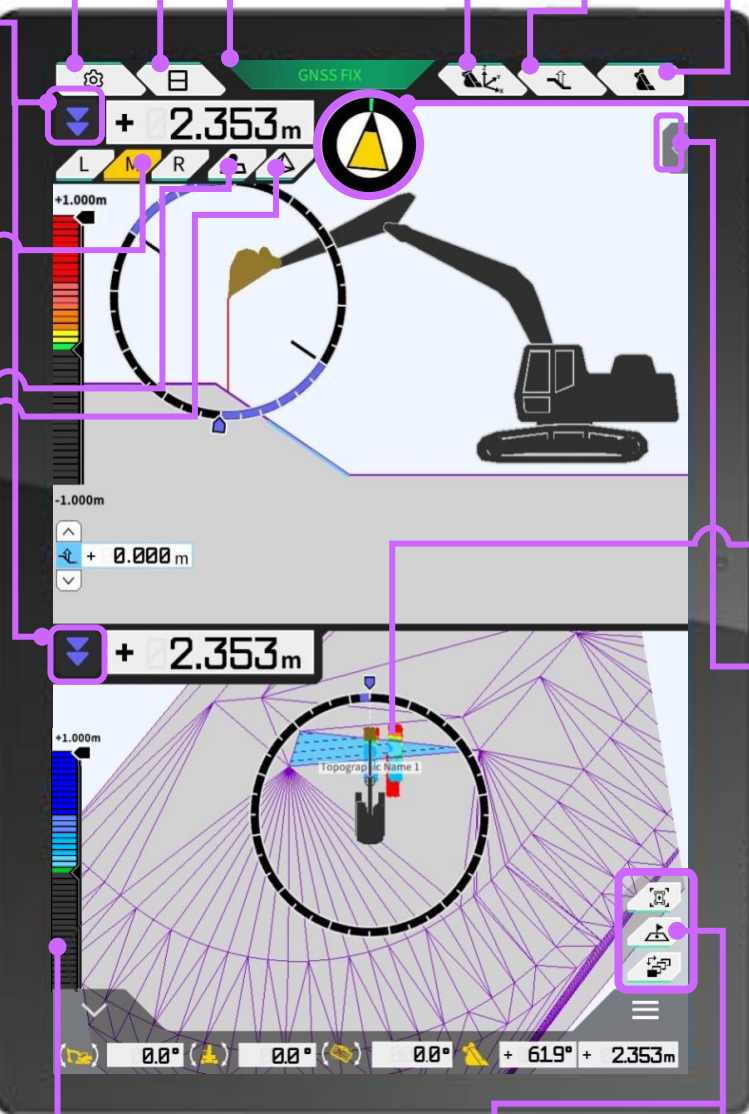
Facing angle compass
Displays the orthogonal state of the selected Select Target Surface TIN. Compass responds only to the Slope data.

Heat map

Sub window display

All
Compass
SideUI
Grade Indicator

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

pinch out

GNSS FIX

+ 2.353m

L M R

+1.000m

-1.000m

+ 0.000 m

+ 2.353m

+1.000m

Topographic Name 1

0.0° 0.0° 0.0° + 61.9° + 2.353m

3DMG Lite
Machine Guidance
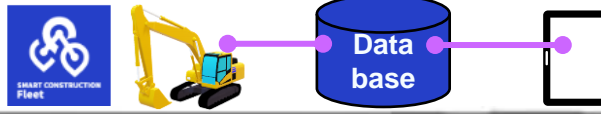Payload Meter
Version 1.0.05.2

(-) + 4.8°

Smart Construction

3D Machine Guidance Simplified chart

2024. April 1 Ver1.2.1

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

Data base

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

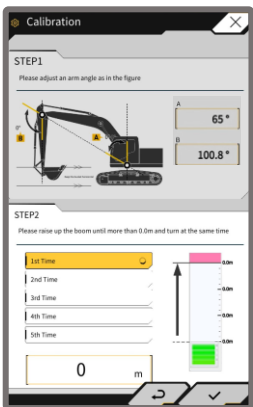Numerical display of loading volume.

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.

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.

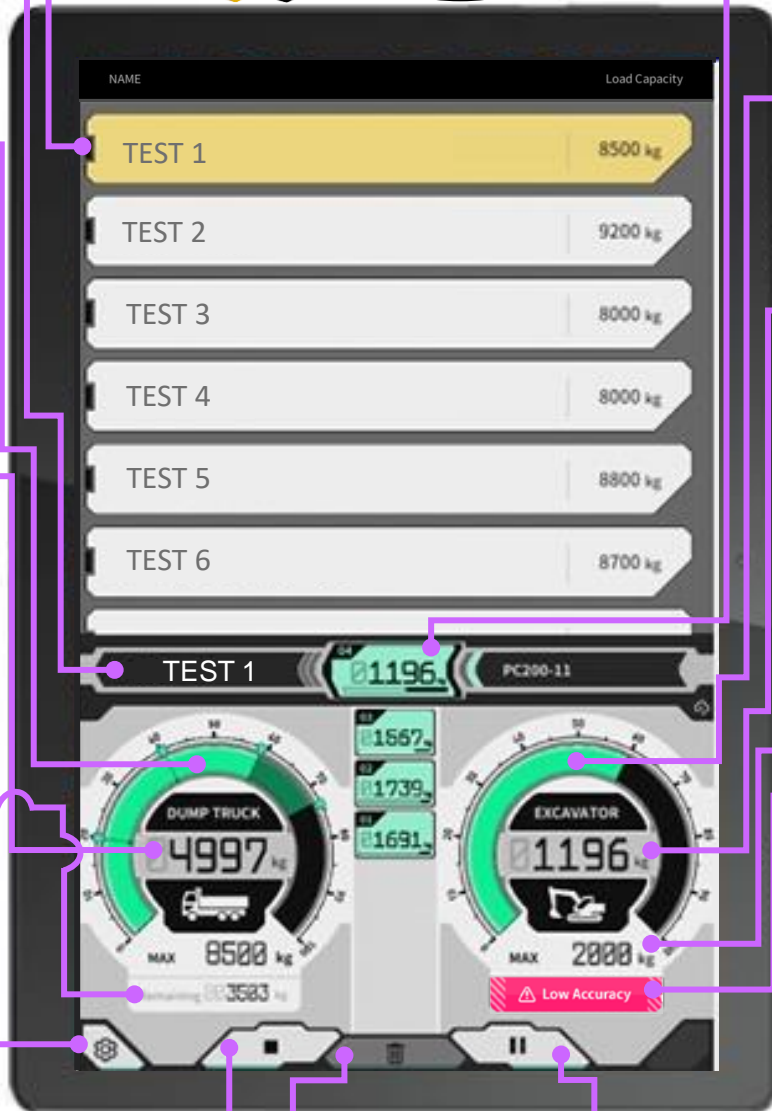## Digging volume

Numerical display of digging volume.

Bucket digging amount

Maximum amount of digging per time is indicated.

Caution

Indicated when loading is inaccurate.

Machine Guidance

NAME	Load Capacity
TEST 1	8500 kg
TEST 2	9200 kg
TEST 3	8000 kg
TEST 4	8000 kg
TEST 5	8800 kg
TEST 6	8700 kg

TEST 1 — 01196. — PC200-11

DUMP TRUCK 4997 kg — MAX 8500 kg — remaining 3583 kg

EXCAVATOR 01196 — MAX 2000 kg — ⚠ Low Accuracy

1567 / 1739 / 1691

Loading start・finish

Button for start/finish of loading.

Loading history delete

Delete history during loading.

Loading Pause

Suspend work during loading.

Calibration

STEP1
Please adjust an arm angle as in the figure
A 65°
B 100.8°

STEP2
Please raise up the boom until more than 0.0m and turn at the same time
1st Time — 0.0m
2nd Time — 0.0m
3rd Time — 0.0m
4th Time — 0.0m
5th Time — 0.0m
0 m

3DMG Lite
Machine Guidance
Payload Meter
Version 1.0.05.2

Smart Construction