MAKIN' 3D

Quick Guide

MACHINE CONTROL
AUSTRALIA

MAKIN' CLOUD

- Connects operators, surveyors, and project managers, replacing USB sticks with instant online access. Users can easily upload job files to multiple machines within their sub-organisation.
- Sub-Organisations ensure privacy and relevance. Users access only their sub-organisation's content, which can house unlimited projects for free.
- Machines can be "rented" across sub-organisations, instantly accessing all relevant projects.

MAKIN' CLOUD

File Compatibility:

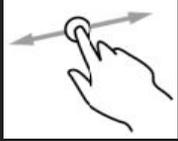- Linework - .DXF (3D lines preferred)
- Surface   - .XML

  (Both are non-proprietary CAD formats)

Localisation Options:

- Trimble .Cal
- MGA Zone Files with Geoid *(Both 2020 and 94 are inbuilt in cloud)*

Project files should not exceed 170MB size
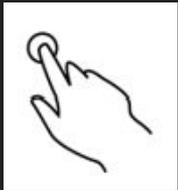(will work, But show error. It can reduce performance)

MAKIN' 3D

- 1 finger rotates

- 2 Fingers moves you away from the excavator

- Pinch in or out for zoom

- Tap to select

MAKIN' 3D

- Layers Menu Down bottom Left

- Toggle on/off surface or line work visibility

- Toggle on/off Linework Steering

- Toggle on/off Cut and Fill information

- Toggle on/off for avoidance

MAKIN' 3D

- Create a point

- Create a line

- Create a Surface profile off a line

- Copy Point or line

- As-built data shown

- Stake out information

MAKIN' 3D

- Locking for Side Steering

- Locking for Cut and fills

- Locking for Both

MAKIN' 3D

Station: 151.37 m	- Chainage or distance along line
CL: 12.97 m	- Side steering from CL Road
Height: 6.01_112_Forsterkningslag 🔓	- Surface/line Cut and fills are coming from
Side: KS1 (4.74 m) 🔒	- Side Steering line used
	- Padlocks Toggle on/off Locked object

MAKIN' 3D

- Different variations of profile, Section, and Plan view

- Toggles between 3D view and Birds Eye View

- In 3D view, returns you back to the Excavator

- Log as built point

- Makin Surfaces Logging

MAKIN' 3D

- Internet connection active

- Estimated horizontal and vertical GNSS error

- Syncing data from server

- Connection with remote support

MAKIN' 3D

N: 1314226.61
E: 75805.36
H: 236.10

- Position of reference tip
  (marked green arrow in cross section view)

0.0°

-1.9°

- Buckets Angle
- Surface angle in cross section or profile view

▶

- Direction and distance to Side steering object

1.76

-0.04

- Cut and fill of reference tip selected

▲

Please contact your local MCA representative for support or further training.