



Wireless excavator guidance



Easy to install

Easy to use

Easily moved from one machine to another

Upgradable to 3D GPS/GNSS version



Easy to install

With its wireless sensors, DigPilot is very easy to install. You need not be a qualified electrician, or connect up a lot of cables before the system can be started up. The sensor brackets are easily attached by four tap-tite screws.

DigPilot has only one cable, to connect the power supply to the computer. Simply plug it into the cigarette lighter.



Easily moved from one machine to another

It takes only minutes to move DigPilot from one excavator to another. Simply attach a new set of brackets, and then you can move the sensors and computer to another excavator.

Settings for 20 different excavators can be saved in the computer, each with 20 different buckets.



Easy to use

In developing DigPilot, great importance was attached to making it user friendly. This applies both to fitting and maintenance, and of course to what you see on the monitor.

There are illustrating images and accompanying text to guide you all the way. DigPilot is equally suitable for those without computer experience and for experts.

1. Attach the bracket
2. Clip the sensor in position
3. Start digging





Ditches

1D and 2D version without GPS/GNSS

DigPilot enables you to do a widely varying range of excavation work without GPS/GNSS: Level, single or dual slopes, ditches and profiles. E.g. if you choose to cut a ditch, you will be guided as you set the width, depth, the slope of the ditch etc., and the ditch will be shown on the monitor in front of you.

You can reference heights by positioning the tip of the bucket on a benchmark, or use the arm sensor to register the height from a rotating laser.

The 2D version has a Pitch & Roll & Compass sensor, whereas the 1D version has not.



Dual slopes

Robust

Machine control systems based on cables between the sensors are vulnerable to breaks in the cables. If a cable breaks, everything stops working. It is necessary to call a fitter to get it all to work again. We have seven years of experience of installing and maintaining these systems, so we know a lot about it.

That will not happen with a DigPilot. It has no cables that can snap and ruin your day's work. If a sensor goes 'dead' or is damaged, DigPilot will immediately indicate which one.



Upgrading to 3D GPS/GNSS version

DigPilot can easily be upgraded to 3D GPS/GNSS version: All you need is new software in the DigPilot computer and the GPS/GNSS itself. No extra computer taking up space in your cab is required.



With GPS/GNSS

Specifications

- Sensors work for 4 weeks after charging
- Range between each sensor: Over 50m
- Computer with touch screen. Weight only 1.3kg
- Transreflective screen technology makes it possible to see the screen even in sunshine.
- Laser sensor integrated into the arm sensor
- Compass integrated into the Pitch & Roll sensor
- Sensor for tilting bucket and/or articulated boom (optional)



DIGPILOT

For more information:

SERVING AUSTRALIA SINCE 1984
GSR LASER TOOLS
GEODETTIC SUPPLY & REPAIR

**Measuring, levelling
and layout solutions
for all trades**

Mining - Aligning - Engineering - Environmental - Civil Construction
Surveying - Geological - Glass Testing - Speed Detection

GSR Laser Tools
Unit 7 / 7 Prindiville Drive
Wangara WA 6065
Ph: 08 9409 4058
sales@gsrlasertools.com.au
www.gsrlasertools.com.au