

# Wireless excavator machine control



The innovative, self install,  
low maintenance, portable  
excavator machine guidance  
product for everybody



**This is machine control  
for everyone**

# Why do you need DigPilot?

**Use one system  
with up to  
20 machines**



## Easy to install

With its wireless sensors there are no external cables to break or complicate installation. DigPilot is very easy to install and calibrate and requires no previous experience or expertise other than competence with simple hand tools. It takes less than two hours to install DigPilot.

## Easy to use

DigPilot uses easily understood icons, with clear details and simple text instructions. DigPilot is equally suitable for those with little computer experience or the professional machine control user.

## One system – many machines

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 machine with ease. Settings for up to 20 machines can be stored in the computer, each with up to 20 different buckets. This approach ensures your machine control investment does not sit idly by.



### Want to complete jobs quicker and more accurately?

With the use of DigPilot you can complete jobs without the need for rework - right first time means more profitable grading and excavation.

### Want to reduce fuel consumption?

In getting the job done right first time you're not using unnecessary fuel

### Want to reduce labour costs?

From the start to the finish of your excavation DigPilot reduces labour costs, site layout labour is reduced and knowing that it is right first time means less checking.

### Want to improve safety?

The less people around the machine and the fewer times your driver gets in and out of the cab improves the site safety.

### Want to save money on materials?

Using DigPilot can reduce unnecessary material extraction and replacement as well as significantly reducing the need for batter rails.

### Do you want to be more competitive?

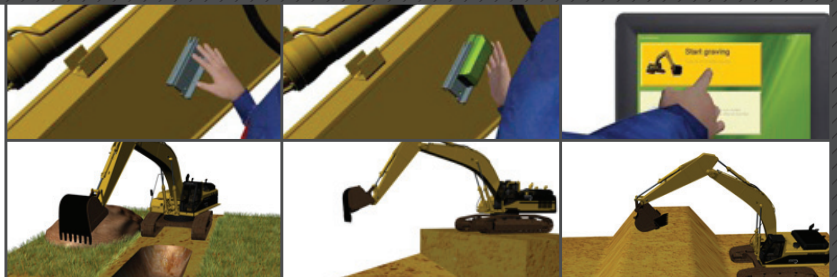
By being more efficient you are more competitive, even as a plant hirer you make your machines more competitive by using DigPilot.

### Sound expensive?

With DigPilot you are not limited to one system per machine, DigPilot can store data for up to 20 machines and its wireless technology means it can be swapped from machine to machine in minutes, ensuring the maximum utilisation of your investment and maximum efficiency.

### DigPilot can you afford not to?

DigPilot improves excavator productivity and can benefit you if you're a contractor, plant hirer or even a tool hirer. You wouldn't start digging without a bucket on your excavator so why start digging without DigPilot?



### 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 an engineer to get it all to work again and that costs time and money. This will not happen with DigPilot. It has no cables that can be damaged and ruin your day's work.

### Working without assistance

DigPilot is the best workmate you can have enabling you to dig quicker, safer and more accurately than before. DigPilot enables you to do a wide variety of excavation jobs such as level, single or dual slopes, ditches and profiles. Job selection is easy and DigPilot's intelligent operation helps you in setting your digging mode. 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.

#### Where can you use DigPilot?

Level Digs

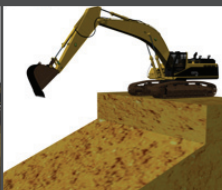
Single Slope

Dual Slopes

Embankment

Trenching

Profile



Excavate flat areas quickly and easily, use the DigPilot "bulk" feature to enhance operation

Achieve the correct grade on single slopes without the need for batter rails

Dig accurate dual slopes without the need for batter rails

Easily create embankments from the safety of the cab

Use DigPilot's trenching function to quickly complete trenches without the need for checking – take the man out of the trench

Create complex profiles and complete them accurately first time

## Features and benefits

- Advanced wireless technology for easy system installation and maintenance
- Portable design allows full system utilisation - use with up to 20 machines
- Quick release sensor brackets – move a system to another machine in minutes
- Rechargeable sensors – no need to replace batteries
- Sensors will operate for over 2 weeks between charges
- Intelligent software – be guided and helped during installation, calibration and operation
- Choose grading options from a range of multiple profiles and job type selection
- Light weight hi-tech computer with touchscreen.
- Sunlight readable screen technology
- Laser reference sensor integrated into the arm sensor
- Sound
- Combined compass with pitch and roll sensor (2D option)
- Height alarm function as standard
- Store everything in purpose built rugged case for safekeeping
- DigPilot is scalable machine control technology that grows with your business

DigPilot goes where the work is not the machine



**Free Phone**

**T** +44 (0) 8081 201 033

**F** +44 (0) 1305 791 056

**E** [info@ongrade.com](mailto:info@ongrade.com)

**W** [www.ongrade.com](http://www.ongrade.com)

Selwyns, Puddledock Lane  
Sutton Poyntz, Weymouth  
Dorset, DT3 6LZ