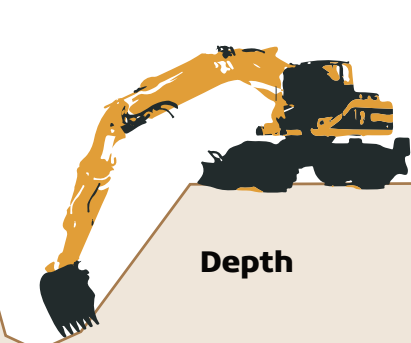




IDIG TOUCH 2D EXCAVATOR GRADE CONTROL SOLUTIONS



Depth



Distance



Slope

iDig

Position
Partners

Shaping New Dimensions

BOOST YOUR PERFORMANCE



CONTROL YOUR BUCKET FROM YOUR CABIN

You have your bucket and LED displayed in the same field of vision. You ensure maximum speed and accuracy.



MULTI-MACHINES

A single iDig system can be installed on several excavators. The iDig is mobile from one machine to another in a few minutes.



NO CABLES

No risk of tearing off. Grade Control has never been so easy.



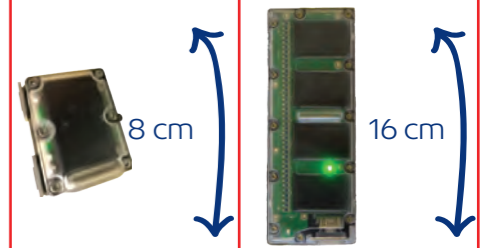
SOLAR CHARGING

No need to worry about charging the sensors.



ANGLE AND LASER

Combo sensor options that manages both laser reception and angle calculation.



PRODUCTIVITY AND SAVINGS

Precision, safety and professionalism = more jobs won.

- Fewer machine stops
- Fewer reworkings
- Fewer overdigging operations = time and fuel savings



WORK WITH CONFIDENCE

No grade checker in the trench, less risk of accident. Stop getting out of the cabin and protect your knees.



EASY TO USE

Simple and intuitive, the iDig will quickly become your daily tool.



IDIG INNOVATIVE SOLUTIONS



TILT BUCKET & TILTROTATOR

The iDig supports some tiltrotators. Your bucket tilts and rotates, the iDig shows you its position in real time.



DOZER BLADE - PATENTED FEATURE

Control your levelling blade with the sensor specially designed for your levelling work with your excavator.



OFFSET BOOM

Thanks to the management of the UR connection, the iDig already manages deported arm machines to allow you to work precisely in complex axes.



AUGER

The iDig system will guide you to have the right depth while remaining vertical.



GRADE CONTROL

CONTROL YOUR GRADE

With the iDig Guidance System, control your excavator without leaving your cab. You will know the position of your bucket to the nearest centimeter without using a grade checker.

NO CABLES

No risk of cables tearing off. The iDig communicates by radio and is charged by solar panels. Installation is simple and intuitive.

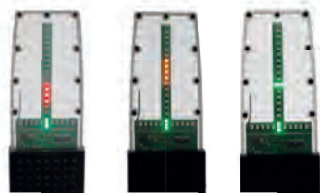
MULTI-MACHINES

Buy a single system and install it on several excavators. The iDig is portable from one machine to another in a few minutes. Your iDig never sleeps and you get a return on your investment in a few months.



CONTROL BOX

A powerful and robust touch pad, equipped with patented software designed with excavator operators for simple and intuitive operation. Manage all your excavators, buckets, blades. iDig is a universal system designed to work with all your machines.



LED BARGRAPH

Your assistant in the cabin. You keep it in your field of vision with your bucket, thanks to its green, orange and red LED positioning lights, it guides you with precision.



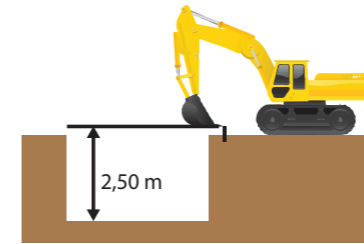
SENSORS

A unique system of wireless sensors that can be charged by solar panels. They attach very easily to your excavator and snap on / off to switch from one excavator to another in the blink of an eye, total freedom of placement: quick coupler, dog bone, right, left ...

IN THE FIELD

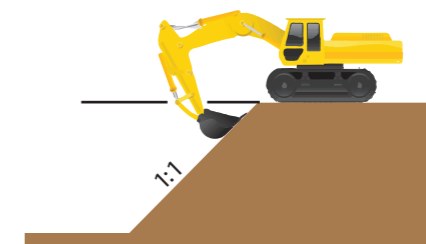
REAL-TIME DEPTH INDICATION

- Enter your desired depth
- iDig guides you there



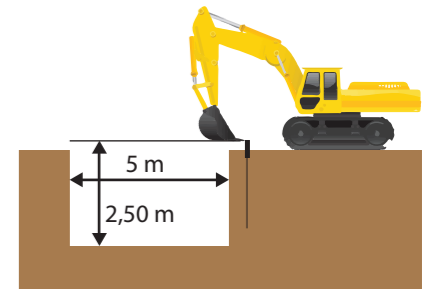
REAL-TIME SLOPE INDICATION

- Enter your slope, positive(+) or negative(-), °, %, o/oo or X:Y
- iDig guides you there
- iDig can also calculate the relative slope between two points on the ground



REAL-TIME DISTANCE

- Place the bucket teeth on the start point
- Enter your desired digging distance
- Follow iDig's horizontal LEDs to get there



BUILDINGS

On all sites, equip your excavators with the iDig grade control system and boost your productivity.



TRENCHES

Dig precise trenches without errors and without a grade checker, save time and make your machines more efficient.



SWIMMING POOL

Digging to the exact dimensions and slope of the pool becomes child's play with the iDig guidance system.



FOUNDATIONS

Dig with precision and speed, in accordance with distances, depths and slopes, with confidence.



AUGER

The iDig system will guide you to have the right depth while remaining vertical.



CAR PARKS

Equip your excavators and easily manage large building areas such as car parks.

SPECIFICATIONS



System Power	12/24 V
Sensor	
battery charging	solar
dimension / weight	combo :1x 2.75x3.94x1 in - 0.53 lb / 70x100x25 mm - 242 g mini sensor : 2x 2.16x3x1 in - 0.34 lb / 55x75x25 mm - 153 g
water / dust protection	ip67
Control Box	
Screen Size	Touch 7" (~18 cm)
Resolution	800 X 480 pixels
Optional Sensors	
2D Sensor	2.75x3.94x0.98 in - 70x100x25 mm - imu (3 gyro, 3 accelero)
Big Combo	Laser receiver height / 16 cm
Memory	
Number of Machines	More than 100
Number of Buckets	More than 100
Accuracy	X +/- 7/16", +/-1 cm, 0.03'
Operating Temperature	-20° TO +70°c / -4° to 158° F

iDig Touch 2D Standard package includes :

iDig Touch 2D upgrade options include:

- 4 Sensors
- 4 Sensor Plates
- 1 LED Display and 1 Control Unit with Suction Mounts
- 2 Quick-Connect Cradles for the LED and Control Box with 12/24V Accessory Plug. With "1 time" Machine Set-up items : 1 Laser Pointer
- 2 Tripod Adaptors
- 2 Extension Tubes
- 1 Target

- Big Combo Sensor
- Dozer Blade Upgrade
- Tilt Bucket Upgrade
- Additional Machine Base Kit



COMPLETE THE SOLUTION WITH A TOPCON LASER



CONSTRUCTION LASERS

Topcon RL-H5A - Topcon's ultimate all-rounder. The no. 1 construction laser in Australia for good reason - it goes the distance day-in, day-out.

Topcon RL-H5B - Meet the RL-H5A's little brother! This general construction laser is a reliable and accurate tool to deliver the high quality results you'd expect from a Topcon instrument. With a long battery life and up to 400 metre working range, this laser is a cost effective and versatile option for your iDig system.



GRADE LASERS

Topcon's grade lasers have built-in glass encoders utilizing total station technology and temperature compensation, ensuring they are accurate at grade all day every day, even under changing environmental conditions. You can be confident that you are using a true grade laser with Topcon.

Topcon RL-SV1S & RL-SV2S - ideal grade lasers for a wide range of tasks at great value for money.

Topcon RL-200 - premium grade laser level, built in Japan to the highest quality standards. Capable of steep slopes from -5 to +25%.

	iDig
Topcon RL-H5A	Elevation Reference
Topcon RL-H5B	Elevation Reference
Topcon RL-SV1S	Single Grade
Topcon RL-SV2S	Dual Grade
Topcon RL-200	Dual Grade



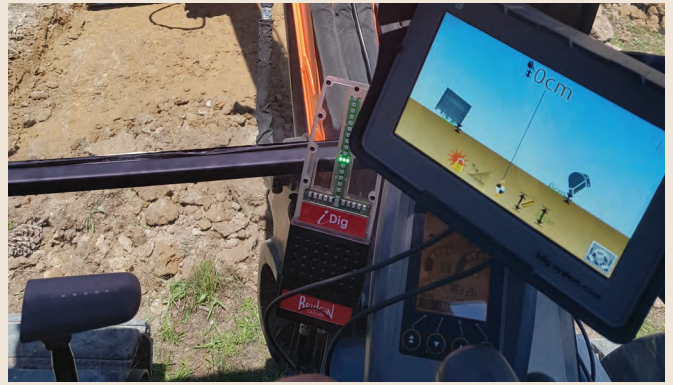


TBT Earthworks

"We really liked the simplicity of the system and the fact that it can be moved between multiple machines. We also do a fair bit of demolition and tree clearing so the wireless feature was certainly a bonus for us as there are no wires to accidentally rip off," Trent O'Neill, TBT EARTHWORKS LTD said.

"Retaining walls are a large part of our business now-a-days too and the fact that it can be used on our auger to determine the angle of hole being drilled was really appealing."

"We have certainly noticed an increase in efficiency and less material wastage with the iDig system because we can work to a much finer tolerance. This system also saves cost on marker paint as we no longer need to write heights on the ground for the operator to see."



Houlmann Blake Excavations

"We find the iDig system is working really well with the machines, the integration is seamless and we're getting some great efficiencies out of our equipment, and the guys love it," Andrew Blake, owner of Houlmann Blake Excavations said.

"The benefits we've seen since we've implemented the system have been work efficiencies which I keep repeating but its true, the system is easy to learn, there haven't been any hold ups with training, the guys have taken up the technology very quickly," Mr Blake said.

"Since we've implemented this system, we've seen great benefits in time efficiency on the job: we're executing the work a lot quicker, we're finding we don't waste as much time and we certainly not doing any re-work on our job sites now."

Get in touch today:

1300 867 266

info@positionpartners.com.au

www.positionpartners.com.au

Australia • New Zealand • SE Asia



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