



IDIG TOUCH SYSTEM

EXCAVATOR GRADE CONTROL SYSTEM FOR EVERYONE

APPLICATIONS



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, no need for a service technician or training to use it.

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.

A UNIQUE AND AFFORDABLE SYSTEM



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

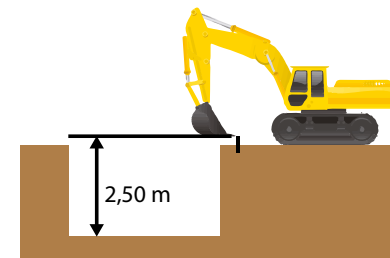
A unique system of wireless sensors that can be charged by solar panels. They attach very easily to your excavator and snap on / off to switch from one excavator to another in the blink of an eye, total freedom of placement: quick coupler, dog bone, right, left ...



IN THE FIELD >>>>

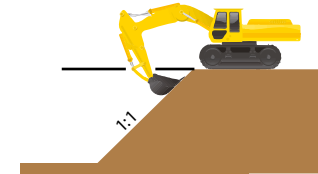
REAL-TIME DEPTH INDICATION

- Enter Your Desired Depth
- iDig Guides You There



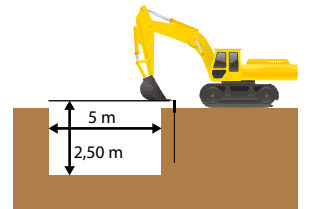
REAL-TIME SLOPE INDICATION

- Enter your slope, positive(+) or negative(-), °, %, o/oo or X:Y
- iDig Guides You There
- iDig Can Also Calculate the Relative Slope Between 2 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



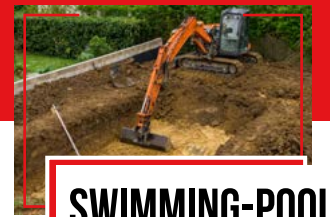
BUILDINGS

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.



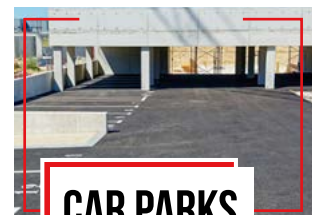
FOUNDATIONS

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.

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.

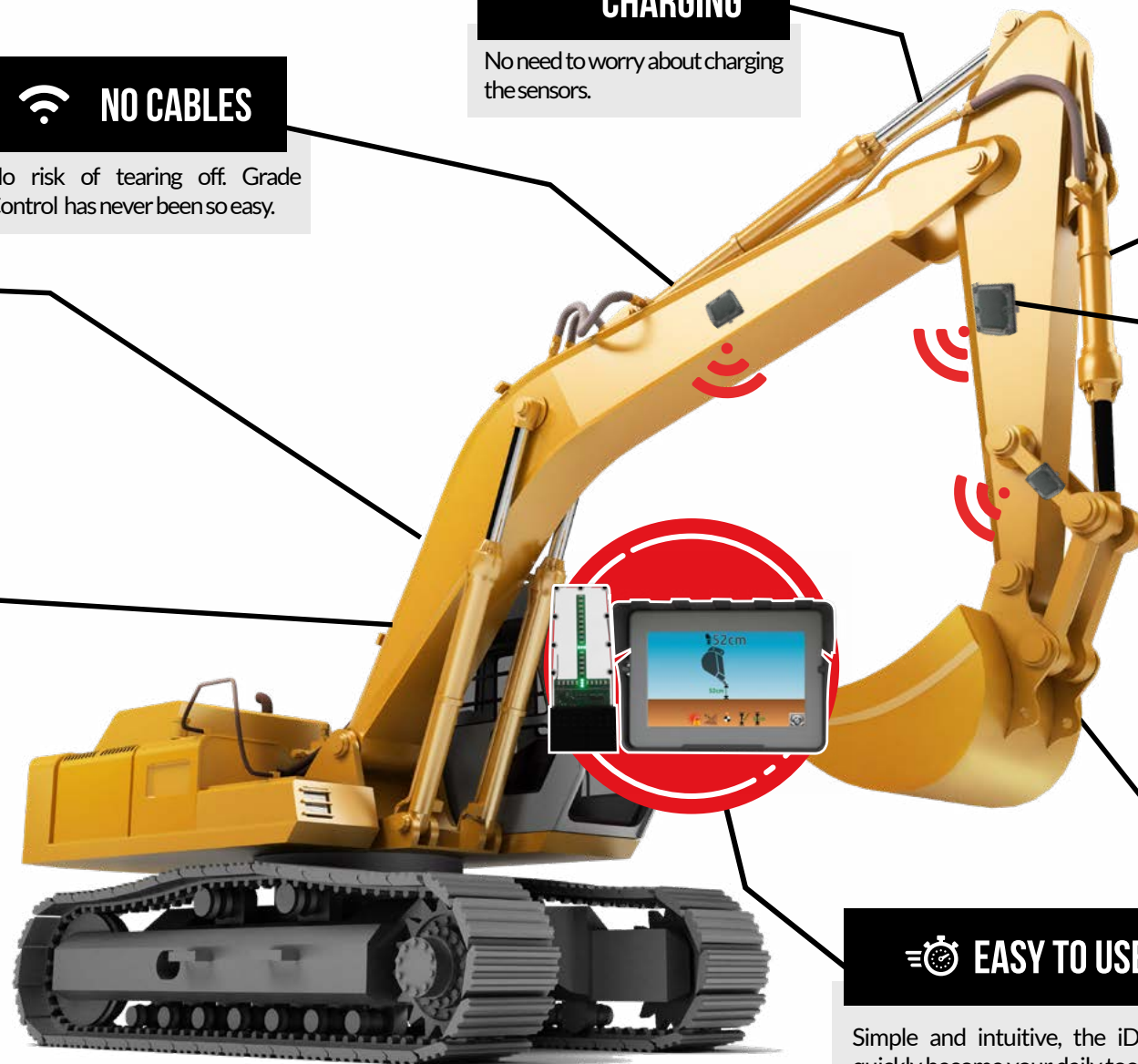
NO CABLES
No risk of tearing off. Grade Control has never been so easy.

SOLAR CHARGING
No need to worry about charging the sensors.

PRODUCTIVITY AND SAVINGS

- + Precision, safety and professionalism = more jobs won.
- Fewer machine stops
- Fewer reworkings
- Fewer overdigging operations
- = Time and fuel savings

ANGLE & LASER
Combo sensor that manages both laser reception and angle calculation.



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 INNOVATIONS

iDig GRADE CONTROL SYSTEM ALREADY SUPPORTS THE FOLLOWING FEATURES : THE IDIG ALERTS YOU IF YOU EXCEED CERTAIN HEIGHTS (HIGH VOLTAGE LINES), STAKE OUT FUNCTION, UNDERWATER MODE (CLEANING OF RIVERS, DREDGING...)



TILT BUCKET & TILTROTATOR

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



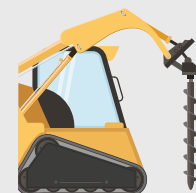
DOZER BLADE - PATENTED FEATURE

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



DEPORTED ARM

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

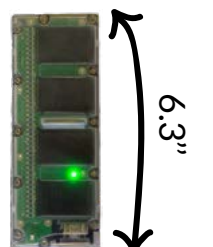


AUGER

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

NEW

BIG COMBO SENSOR with large format laser receiver and angle sensor (optional)



GRADE CONTROL SYSTEM FOR EXCAVATORS

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" (~7,1")
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 / 6.3"
MEMORY	
NUM OF MACHINES	MORE THAN 100
NUM OF BIUCKETS	MORE THAN 100
ACCURACY	+/- 7/16", +/- 1 cm, 0.03'
OPERATING TEMPERATURE	-20° TO +70°C / -4° TO 158° F



iDig Touch standard package 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

LOCAL REPRESENTATIVE





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iDig is a division of the Bridgin group.

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