



Real Time Depth Control for Excavators

EZ Dig PRO

Save time, save fuel, save money

The EZ Dig Pro provides precise grade control for digging a fixed depth or a slope, without the expense of another person in the excavation to check depth. The machine stays productive!

The calibrated system ensures consistent and accurate grade readings, saving time and money by reducing over-cutting.

If you've been checking grade with a laser or optical instrument and grade rod, using this system will keep the machine and operator fully productive. If you've been using a machine-mounted laser receiver, there's no need to stop digging to place the bucket and dipper stick in the same vertically plumb position each time you want an accurate reading.

Pays for itself in just two months or less!



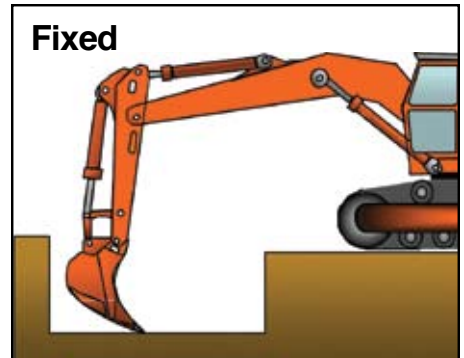
Sensors mounted on the excavator are calibrated to the machine.

The sensors measure the movement and angle of the bucket, boom, and dipper stick to give you continuous depth indication on the in-cab display.

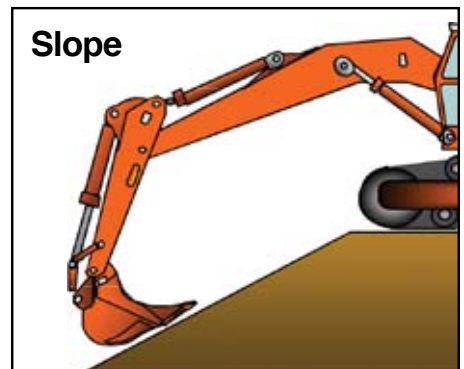
You know exactly where the bucket is at all times

The display panel and the LCD screen direct you to the desired depth and slope. Depth and slope information is transmitted to the control panel at a frequency of 20 times per second, providing the operator with real-time information to the position of the bucket. There is no lag time with the EZ Dig Pro system!

Bucket too low Negative depth	Bucket too high Positive depth	Bucket on grade Zero depth



Fixed



Slope

Bright LED arrows on display panel, plus audible signal, indicate direction to move bucket.

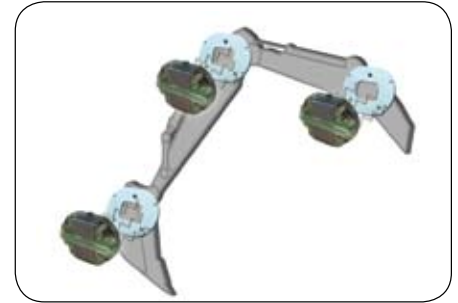


See-through display and LCD control box
Allow you to watch the ditch, bucket, and display in the same view. Both have strong suction cup mounts.

Quick installation; simple handling

The EZ Dig Pro can be installed and calibrated in 45 minutes or less using its patent-pending software.

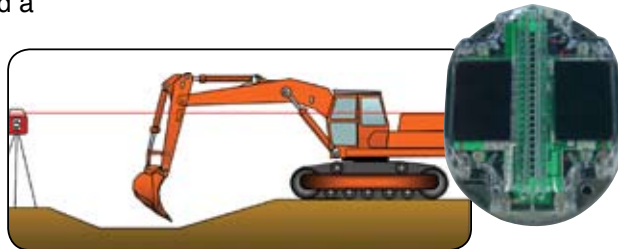
- Assembly by any operator
- Sensors are wireless; no cables at the pivot points
- No welding or wrenches needed



Sensor with laser receiver

eliminates resetting elevation reference when excavator is moved.

Cut-and-cover applications to a fixed depth for water, gas, and cable lines may not require a laser, and a regular sensor can be substituted for the laser receiver sensor.



System works with or without a laser

Attach sensors directly

- Strong rare earth magnets hold securely
- No welding required!

Or use the support plates

- Ideal if using the system on more than one machine.
- Quickly change between different machines or buckets.
- Retains calibration data of up to 5 machines and 9 buckets per machine.

No battery costs

Sensor solar panels maintain the charge of the built-in batteries automatically throughout the day.

Everything you need comes in the carrying case!

- Control box
- In-cab display
- Pointer laser for calibration setup
- 3 angle sensors (one with a laser receiver)
- 3 mounting plates (use is optional)
- Removal tool for magnetically-attached sensors
- Charger, to supplement solar charging



Option: 4th sensor for dual boom excavator

Other features

- Feet (with 10ths or inches) or metric
- LCD menu: choose English, Spanish, or French
- For any size excavator or backhoe
- Height and depth alarms
- Accuracy: $\pm 3/8"$ (1cm)
- Adjustment range inclination: $\pm 300\%$
- Sensor: IP68; control box & display: IP64
- Operating: -4° to 158° F (-20° to $+70^\circ$ C)
- Storage: -22° to 176° F (-30° to $+80^\circ$ C)

Applications

- Footings and foundation depths
- Basements
- Septic lines
- Drainage ditches and trenching
- Cable lines