



Delta Press Kit

Version 1.0 | 2026

Delta

Measure while you work.

About Dirty Devices

Dirty Devices builds modern measurement tools for earthwork and construction. Our products are designed to reduce friction on real job sites, helping contractors, builders, and operators work more efficiently without adding complexity to their workflow.

Based in the United States, Dirty Devices focuses on practical, field-ready tools that work where traditional measurement systems fall short. Every product is designed with direct input from real job sites and built to perform in demanding environments.

About The Founders



Tim Wagner, Lisi Gjoncaj, and Steve Hetzel are seasoned software engineers with decades of experience building and deploying real-world solutions. With backgrounds spanning enterprise systems, embedded software, and user-centered design, they founded Dirty Devices to bring modern, practical technology to construction and earthwork projects. Their combined focus on thoughtful design and engineering led to the creation of Delta, a tool designed to remove friction from everyday work on the job site.

About Delta

Delta is a compact, wireless measurement system designed for earthwork and construction tasks where stopping to measure slows progress.

Instead of relying on line-of-sight lasers or GPS, Delta uses barometric pressure to measure relative elevation changes and an internal motion sensor to track pitch and roll. This allows operators to see elevation and orientation in real time while they work, without getting out of the machine or repositioning equipment.

Delta is commonly used for digging, trenching, grading, and other earthwork tasks where continuous feedback improves speed and consistency. Because it does not require line of sight, Delta works indoors, below grade, and around obstructions where traditional systems struggle.

How Delta Works

Delta measures elevation by detecting small changes in air pressure as tools move up or down. Fixed units placed around the job site act as weather anchors, allowing the system to correct for environmental pressure changes in real time.

As work progresses, the Delta mounted on the machine is continuously compared against these anchors. This isolates true elevation change from weather effects and provides stable, real-time measurements while the operator works.

At the same time, Delta tracks pitch and roll, giving operators clear orientation feedback even when visibility is limited.

Fast Facts

Product Name	Delta
Category	Earthwork measurement system
Measurement Method	Barometric pressure (elevation), inertial sensing (orientation)
Operation	Line-of-sight-free, GPS and Cellular free
Typical Precision	<ul style="list-style-type: none">• Elevation: ~1 inch¹• Orientation: ~1 degrees
Platforms	iOS and Android
Connectivity	Bluetooth Low Energy, Wi-Fi
Availability	Available now
Company Founded	2023
Headquarters	Dover, NH

1. Precision values represent typical real-world performance and may vary based on environmental conditions and Delta placement.

Common Applications

Delta is used across a wide range of earthwork and construction tasks, including:

- Septic system installation
- Drainage swales and runoff control
- Utility, irrigation, and drainage trenching
- Post hole and auger work
- Foundation and footing excavation
- Indoor or obstructed work where lasers cannot be used
- Orientation monitoring when tools are out of sight

Press Resources

High-resolution logos, bio pics, and product images are available on our pressroom page: <https://dirtydevices.com/blogs/pressroom>

Assets may be used for editorial coverage with attribution.

Press Contact

Name: Rebecca Wagner

Title: COO

Email: press@dirtydevices.com