



SITECH

PRODUCT CATALOG

Comprehensive Construction Technology Systems

sitechsw.com



Providing Tools to Revolutionize Your Construction Work Flow

SITECH Southwest is the leading technology solutions provider for the Construction, Mining, and Agriculture industries servicing Arizona and Southeast California.

SITECH Southwest is your authorized dealer for Trimble, Caterpillar, Spectra Precision and commercial UAVs such as DJI, Quantum and Microdrone. We provide sales and support for machine control, grade checking, survey and engineering software solutions.

As your construction technology partner, we can help you make smart decisions, decrease costly mistakes, and increase efficiency for your project. Let us show you how!



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MACHINE CONTROL SYSTEMS

Gain a competitive edge and streamline your operations with the next generation of grade control systems from Trimble, the company that invented grade control.

SITECH Southwest offers Trimble's complete line of grade control systems (GCS) – from laser or sonic-based 2d up to 3d. These rugged systems are easy to use, fully upgradeable to help you meet a wide range of application and job site requirements. Plus, Trimble's machine control technology works seamlessly with multiple name brands and manufacturers so you can have a consistent system for your mixed fleet.



2D MACHINE CONTROL SYSTEMS

Trimble's 2D Machine Control Systems can provide you accurate elevation control from initial site prep to the finished grading and paving.

All components are easy to use, quick to set up and extremely durable ensuring you the highest uptime and longest life possible in all conditions.

Additionally, these systems can be operated in manual or auto mode.



CONFIGURATION	TARGET MACHINES	DESCRIPTION	KEY COMPONENTS
Single Elevation	Dozers Graders	Single control system that uses a laser receiver to control the lift of the machine blade for flat work and finished grading.	Laser Laser Receiver Control Box
Dual Elevation, or Elevation and Blade Slope Control	Dozers Graders Compact Machines	Dual control system that controls both the lift and tilt of the machine blade for flat work, slope work and finish grading.	Laser to Laser Receiver -or- Laser Receiver Slope Sensor Control Box
Cross-Slope Control	Graders Compact Machines	Cross-slope control system to be used on motor graders for fine grading work for road maintenance, ditches and slope work.	2 Angle Sensors Rotation Sensor Control Box
Cross-Slope and Elevation Control	Graders Compact Machines	Highly flexible cross-slope and elevation control system for fine grading work with tight tolerances for road maintenance and construction, embankments, flat work and slope work.	2 Angle Sensors Rotation Sensor Laser Receiver -or- SonicTracer Control Box
Depth, Slope, and Elevation	Excavators	Highly flexible system for excavation, trenching, grading and profile work.	Angle Sensors Laser Catcher Control Box
Grade and Slope Control	Asphalt Pavers	Grade and slope control system for paving of base material and asphalt.	Sonic Tracer Sonic Averaging Beam Contact Sensor Slope Sensor Control Box

FULLY SCALABLE

Only Trimble's machine control is flexible enough to let you equip your entire fleet—excavators, dozers, scrapers, graders, trimmers, milling machines, compactors, pavers and more—with fully upgradeable technology. Start where you need to start and add as you need to add. Sonic, angle sensors, laser, GNSS, total stations ... select the best option for the machine and application.

3D MACHINE CONTROL SYSTEMS

Trimble's 3D Machine Control Systems are the most versatile grading technologies available. The system gives operators maximum control over grading, excavating, compaction and paving applications. By putting design surfaces, grades and alignments inside the cab. Thus significantly reducing material overages and dramatically improving productivity and profitability.

The 3D system can leverage a range of components that are fully portable and can be easily moved from machine to machine.



CONFIGURATION	TARGET MACHINES	DESCRIPTION	KEY COMPONENTS
Single GNSS	Dozers, Graders, Scrapers, Excavators, Compact Machines	Cost-effective, full 3D control system that measures the position and slope of the blade and compares that to design data for rough grading and mass excavation on complex design surfaces.	Angle and Rotation Sensors Single Smart GNSS Antenna Control Box Rugged On-Machine Radio
Dual GNSS	Dozers, Graders, Scrapers, Excavators Compact Machines	Full 3D control system that measures the exact position, cross slope and heading of the blade, bucket, drum for rough grading and mass excavation on steep slopes and complex design surfaces.	Dual Smart GNSS Antennas Control Box Rugged On-Machine Radio
Single GNSS	Soil Compactors	Continuous compaction control and documentation for soil compaction with real-time material compaction mapping and detection.	Single GNSS, Antenna(s), Compaction Sensor, Control Box, Rugged On-Machine Radio
Cab-Mounted Single GNSS	Dozers, Wheel Loaders	Measures the position of the blade on the ground comparing that to the 3D design for rough grading applications.	Single GNSS Smart Antenna, Control box, Rugged On- Machine Radio and SNM941
Universal Total Station	Dozers, Graders, Excavators, Soil Compactors, Compact Grading Attachments, Pavers & Mills	Total station-based system for high accuracy lift and layer control, material placement and monitoring, or for jobs where GNSS is not the ideal solution because of overhead obstructions.	Single On-Machine Active Target, Control Box, Universal Total Station, Rugged On- Machine Radio and SNM941
3D + Sonic	Graders, Compact Grading Attachments, Pavers & Mills	Uses 3D control on one blade tip and a sonic tracer on the other blade tip to match an existing structure, feature or the last machine pass.	On-Machine Active Target -or- GNSS Smart Antenna(s), Sonic Tracer, Control Box, Rugged On-Machine Radio and SNM941

SIMPLE EXCAVATION

SITECH Southwest has affordable 2D systems that can help you achieve excellent results for many projects not requiring 3D positioning like parking areas, runways, building sites and simple excavation. A Trimble GL series automatic grade laser and laser receiver will accurately measure depth and slope for any excavation. To measure the slope of the blade, add another laser receiver or a slope sensor. An in-cab Trimble CB450 or CB460 Control Box provides elevation and slope guidance so you can more accurately and quickly get to grade. Trimble 2D Grade Control can be upgraded to a 3D Grade Control Systems.



Trimble LR410 Laser Receiver

The Trimble LR410 is mounted to a mast on the blade and connected to the machine hydraulics controlling lift to a sub cm accuracy.



Trimble ST400

The Trimble ST400 is mounted to the blade and uses ultra sonic signals to maintain a set distance or elevation from curbs, gutters and stringlines.

COMPACT MACHINES



Laser-Graders

Simple grading jobs will benefit from the high accuracy of our laser-grader and small motor grader. The laser-grader combined with a 2D or 3D system is the best solution for small to medium sized jobs like small building pads, sidewalks, or sports fields.



Trimble CB450 Control Box

Designed for use in harsh construction environments, the Trimble CB450 Control Box gives the operator a full-color graphical display for easy viewing and guidance to grade.



Spectra Precision LR50 Rugged 360-Degree Laser Display Receiver

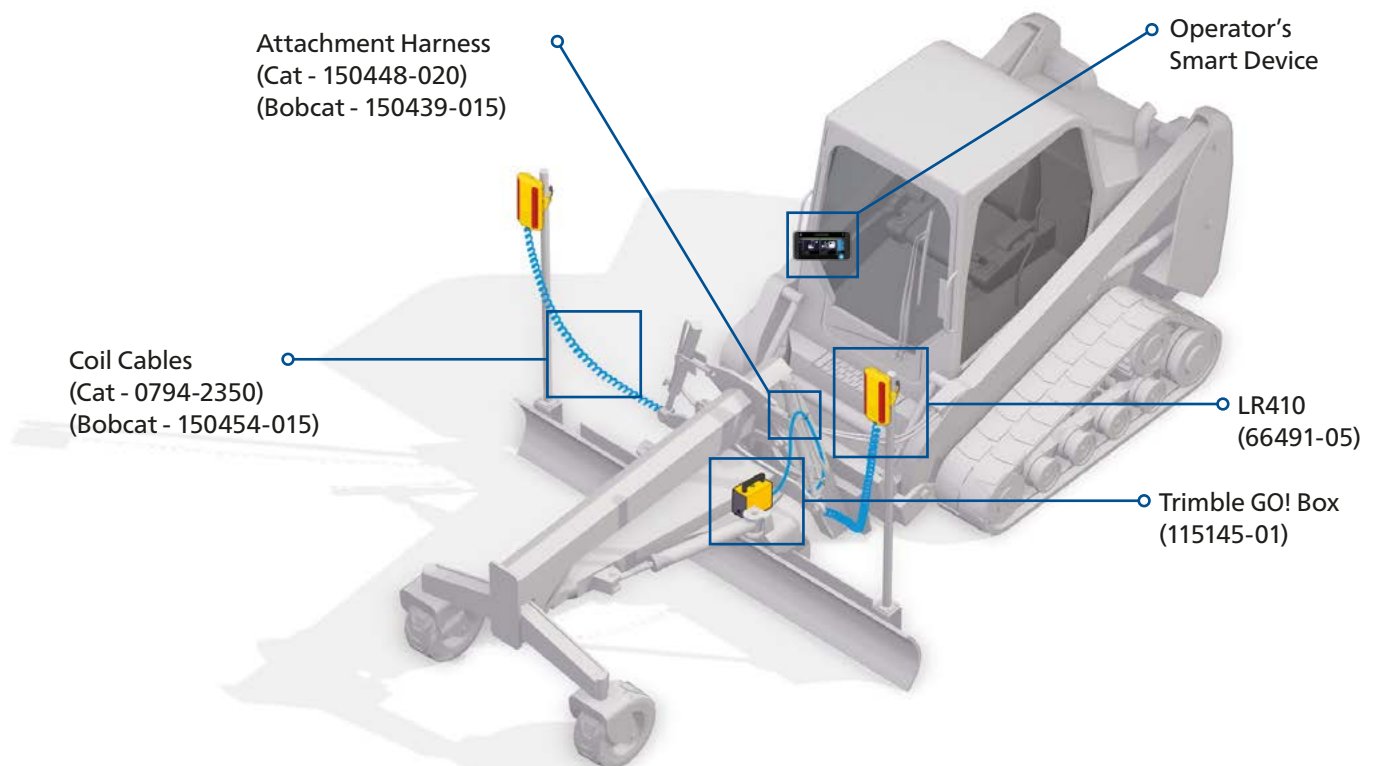
The Spectra Precision Laser LR50 Laser Display Receiver is designed to be used as a standalone display receiver or in conjunction with the CB30 Control Box on grading and excavating equipment.

Trimble Earthworks GO!

2D GRADE CONTROL SYSTEM FOR COMPACT GRADING ATTACHMENTS

Earthworks GO! proprietary Trimble GO! Box technology lets contractors quickly swap the system between machines to take care of the job at hand. Save machine profiles to the GO! Box to ensure you only have to set up your machines once, so you can get back to work.

Ultra-portable and intuitive, Earthworks GO! provides high accuracy performance in all common grading applications such as pads, parking lots, sports fields, landscaping and more. It also works across the entire fleet of attachments for compact track and skid steer loaders.



MOTOR GRADERS

Trimble GCS900 3D Grade Control System

The Trimble GCS900 for graders with dual GPS can be installed on motor graders for a wide range of earthmoving applications helping contractors to significantly improve their productivity and profitability. The 3D Machine Control System on a motor grader is a full 3D control system that puts the site plan - design surfaces, grades and alignments - inside the cab.

The Trimble patented dual GPS antenna configuration is preferred for GPS-based Grade Control Systems. Using GPS, the exact position, accurate cross slope, and heading of the blade is measured. This is especially helpful for complex design surfaces such as super-elevation grading tasks.

The on-board computer uses this position information and compares it to the design elevation to compute cut or fill to grade. This information gets displayed on the control box screen in plan, profile, cross-section view, or text.

The cut/fill data is also used to drive the values for automatic blade control. Additionally, the cut/fill data is passed to the control box lightbars, providing extra visual guidance to the operator for up/down to grade and right/left to a defined alignment. The GCS900 on a motor grader can be operated in either indicate or automatic mode.



3D Single GNSS

Trimble GCS900 is also available with a single GPS antenna that uses additional sensors for cross-slope. Although not as versatile as the dual GPS system, it works well on less complex projects. The Single GPS option is upgradeable to the dual GPS or UTS Systems.





Trimble SPS730/SPS930 Universal Total Stations

When the tightest of tolerances must be met or surrounding site obstructions may block out GNSS signals, the SITECH Universal Total System will get the job done. Using the robotic Trimble Universal Total Stations, the exact position, accurate cross-slope and heading of the blade is measured.

A SITECH UTS System on a motor grader with the Trimble Universal Total Station is ideal for contractors who need the flexibility to move from site to site, work in confined spaces, or require high-precision grading. For jobs where GNSS is not a viable technology, such as in urban canyons, mountainous areas, or on jobsites with numerous overhead obstructions such as overpasses, the Total Station offers a 3D grading solution.



Trimble Universal Total Station

The Trimble® SPS Universal Total Station can control graders as well as dozers, excavators, pavers, milling machines and small machines.



Trimble MT900 Machine Target

Patented Trimble® Active Tracking Technology guarantees a Total Station lock to the on-machine target and millimeter control of the machine.



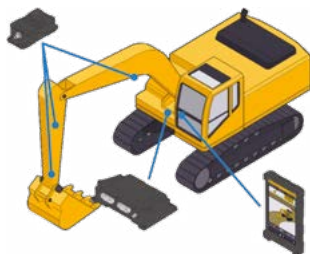
EXCAVATORS

Intuitive Software

- Interface is optimized for ease-of-use.
- Colorful graphics, natural interactions/gestures and self-discovery features make Earthworks intuitive and easy to learn.
- Each operator can personalize the interface to match their workflow using a variety of configurable views.
- Files can be transferred to or from the office wirelessly and automatically so you've always got the latest design.

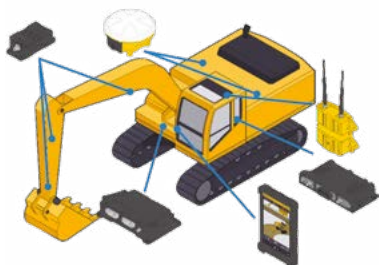


Trimble Earthworks works with tilt automatics on Engcon®, Rototilt®, and Steelwrist® attachments. The system controls the boom and bucket of the excavator as well as the tilt angle of the attachment, while the operator controls the stick of the excavator and rotation of the tiltrotator.



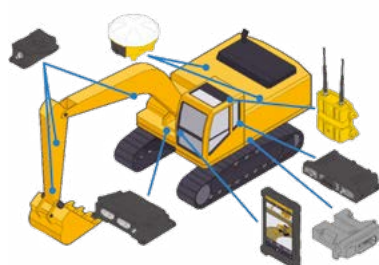
2D Configuration for Height and Slope

This is a flexible entry level solution for excavation, sewer construction, leveling work and profile work.



3D - Dual GNSS

This powerful 3D control system measures the exact position of the bucket for grading and excavating tasks such as steep slopes.



2D/3D Automatic System

This automatic system controls the hydraulics of the machine and achieves high precision in flat or inclined surfaces. Thanks to automatic functionality, you can increase productivity of your machine up to 40%.



Payload Management Integration

With the addition of Trimble LOADRITE Payload Management, you can avoid overloading and underloading to be more efficient and manage costs. With dynamic weighing, you can accurately weigh without interrupting your workflow or loading process.

Trimble GCS900 3D Grade Control System

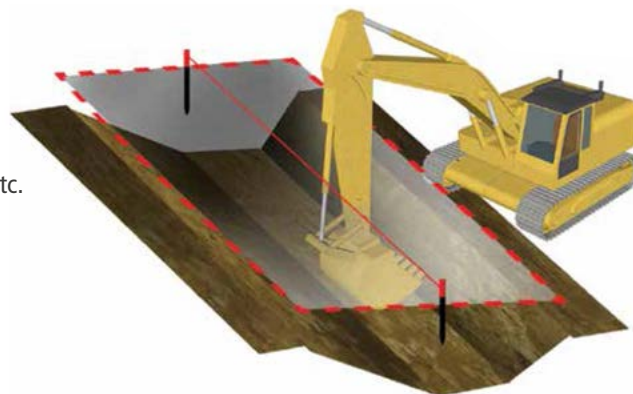
The Trimble GCS900 3D Grade Control System with dual GPS can be installed on all excavators including those with tilt buckets and extended booms for mass excavation projects. This system uses two GPS receivers and solid state angle sensors to measure the precise 3D position of the tip of the bucket.

Features & Benefits:

- Significant cost savings
- Less time to completion
- Less rework
- No waiting for stakes to be set
- More accurate, more consistent excavations
- Perform more complex excavation

Applications:

- Roads and highways - rough grading
- Large earthmoving projects - dams, reclamation, etc.
- Landfills and waste deposits
- Commercial site prep - complex design
- Pipelines
- Underground utilities



Trimble Earthworks Grade Control System

The new Trimble Earthworks Grade Control System is designed to help you do more in less time. Re-engineered from the ground up this innovative, next generation grade control platform features intuitive, easy-to-learn software that runs on an Android operating system. Plus, state-of-the-art software and hardware gives operators of all skill levels the ability to work faster and more productively than ever before.

Intuitive Software Rugged Hardware

The Trimble Earthworks software was created in collaboration with construction equipment operators around the world in order to optimize the interface for ease-of-use and productivity.

Colorful graphics, natural interactions/gestures, and self-discovery features makes Earthworks intuitive and easy to learn.

Each operator can personalize the interface to match their workflow and a variety of configurable views make it easier to see the right perspective for maximum productivity. Additionally, data files can be transferred to or from the office ensuring you've always got the latest design.

The Trimble Earthworks grade control application runs on the new 10-inch (25.7 centimeter) Trimble TD520 touchscreen Android display or third-party Android tablets.

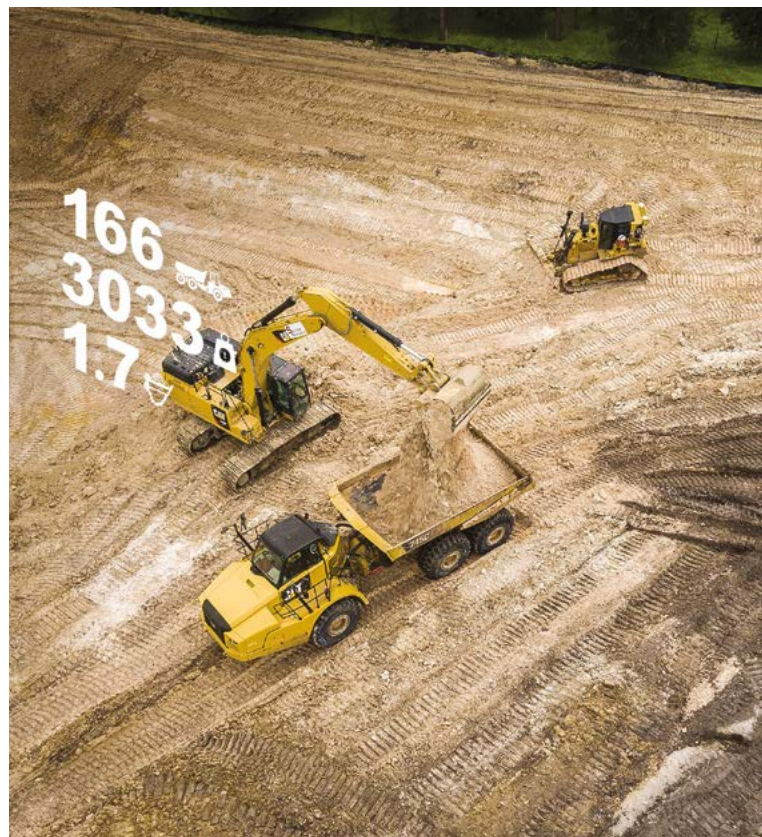


Payload

Trimble LOADRITE products can help you increase profitability, maximize productivity, improve operational efficiency and get control of your inventory.

Trimble LOADRITE payload Management for Trimble Earthworks Grade Control Platform is ideal for:

- Tracking material moved
- Maximizing every truck haul
- Mixed Fleets
- Preventing overloading and underloading



DOZERS



Trimble Earthworks Grade Control for Dozers

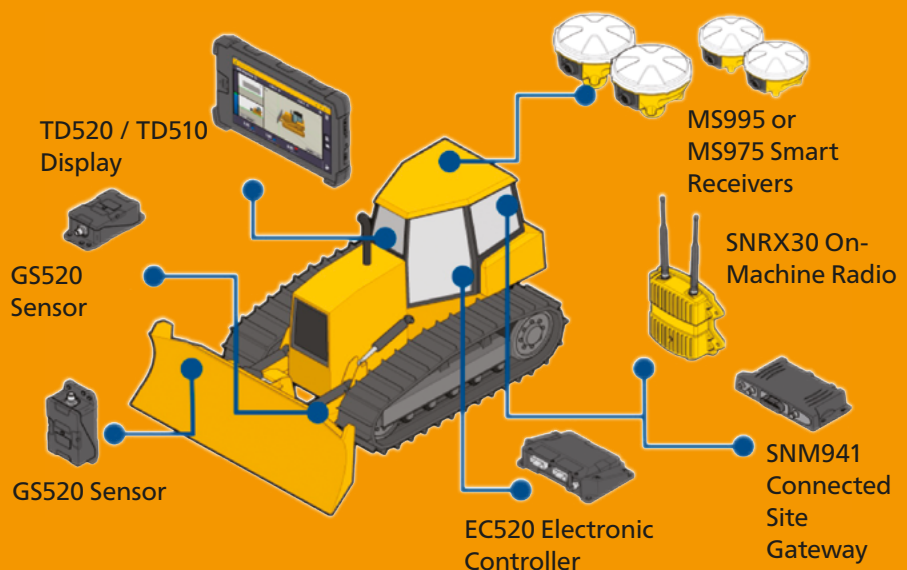
The new Trimble Earthworks for dozers transforms machine control with integrated 3D intuitive capability. The new dozer configuration moves the receivers from the blade to the roof of the cab.



CAB-MOUNTED PORTABILITY

Trimble Earthworks for dozers mounts dual GNSS receivers on top of the cab to eliminate masts and cables traditionally located on the blade. The dual GNSS receivers are ideal for steep slope work and complex designs with tight tolerances.

This new configuration allows you to easily remove the receivers to other machines, to maximize your investment and keep your machines working. Cab-mounting receivers are more convenient and can save you time by reducing the need to reinstall them each day.



Mastless Dozer Configuration

Trimble Earthworks for dozers mounts dual GNSS receivers on top of the cab to eliminate masts and cables traditionally located on the blade. The dual GNSS receivers are ideal for steep slope work and complex designs with tight tolerances.

The new configuration keeps valuable receivers safe and reduces removal and re-installation time, increasing efficiency each day.



Trimble GCS900 3D Control System

The Trimble GCS900 3D Control System helps you achieve accurate finished grade with fewer passes. Design information and live cut/fill indications are displayed in-cab, allowing the job to be done safer, faster and without the need for survey stakes. The dozer blade control can be completely automatic or the operator can use the in-cab display and control the operation.

The system provides real-time information for monitoring avoidance zones and simultaneously collects as-built data as the machine cuts to grade. With VisionLink® this information can even be monitored remotely from your office.

All SITECH Southwest's dozer systems include Trimble's GradeMax technology, which doubles the update rate for GNSS data controlling blade movement. Faster data means smoother, more consistent control and rapid recovery of the dozer blade so operators can now grade higher quality surfaces at faster speeds, on simple or complex designs, and in any material type.



Trimble GNSS MS995 Smart Antenna

The Trimble MS995 is an integrated GPS+GNSS receiver, antenna, and isolation system all in a single, extremely rugged housing. It uses the advanced Trimble RTK engine for faster initialization time when satellite lock is lost and enhanced near obstructions.

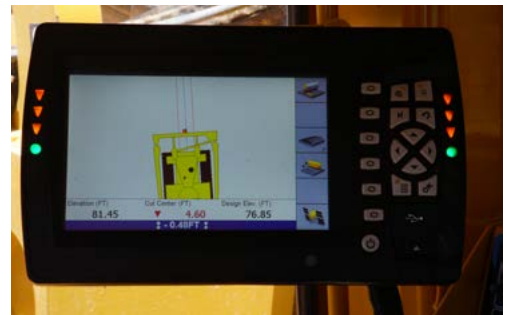


TERRAIN LEVELERS & TRENCHING



3D GPS Solutions for Levelers & Trenchers

Terrain Levelers and Trenchers with customized 3D GPS Solutions are built to take on big jobs for surface mines, quarries and civil construction. The combination of tractor and attachment gives these machines a bigger variety of uses for surface mining, overburden removal, road construction or soil remediation. The trencher attachment helps with installing large-diameter pipe for energy, sewer, water and gas applications. Adding the Trimble GCS900 Technology completes the control system that provides precise lane guidance through in-cab elevation and slope guidance. This solution enables the operator to maintain a level trench with 3/10ths accuracy and provides both horizontal and vertical guidance.



PAVING & MILLING OPERATIONS



Trimble PCS400 for 2D Paving

The Trimble PCS400 Averaging Beam uses three evenly spaced Trimble ST200 Sonic Tracers to average out uneven reference surfaces. The Trimble ST200 Sonic Tracers mounted on the Averaging Beam ignore irregularities such as grates and stones that could otherwise decrease accuracy. The beam measures at 10.9m (extended up to 13.9m) in length as required by some governmental agencies and swings back behind the paver to reference both the adjoining surface and freshly laid mat.



Trimble PCS900 for 3D Paving & Milling

The Trimble PCS900 Paving/Milling Control System adds the accuracy and flexibility of 3D technology to your paving and milling operations, giving you the flexibility of operating in either 2D or 3D mode depending on the needs of your project.

The Trimble PCS900 uses highly accurate robotic total stations to precisely pave or mill with variable depth and slope based on the 3D design.

The Trimble PCS900 3D paving system regularly achieves asphalt mat accuracies of 3-6 millimeters, making it ideal for projects such as airports, large commercial surfaces and highways.



ASHPALT & SOIL



Trimble CCS900 Asphalt Compaction Control System

The laser-grader offers an unusual blend of grading accuracy, versatility and production capability. In addition to achieving a uniform surface, the laser-grader will also increase productivity, improve material yields and reduce your overall operating costs. If accuracy is a requirement in your line of work, the laser-grader, equipped with an automated grade control package has no equal.

Advantages:

- Increased productivity - less surveying, staking and grade checking
- Lower costs - machine control gets the job done right the first time
- Faster, more efficient completion of jobs
- Improved material yields
- Easily transported from job to job
- Gain a competitive advantage over your competition
- Reduce manual labor costs
- Finish grade within 1/8" accuracy

Features & Benefits:

- 6 wheel drive via hydraulic wheel motors
- Fully articulated design
- 5ft inside & 9ft outside turning radius
- Moldboard rotation, shide shift and lift
- ROPS certified roll bar
- Adjustable bucket seat
- Flame cut walking arms provide stability
- Neutral safety switch ignition
- Front pusher blade



Trimble CCS900 Soil Compaction Control System

Successful soil compaction requires each layer to have proper thickness, density and moisture. If one layer is not strong enough, due to under or over compaction, the road could possibly fail. With the Trimble CCS900 Compaction Control System, you can easily measure and record accurate pass counts and soil stiffness, ensuring operators perform properly, giving clients confidence in your work.



Trimble CCS900 Asphalt Compaction Control System

The asphalt compactor is the last machine to pass over your paving project. Mistakes during this phase can be very costly to fix. The Trimble CCS900 will calculate the exact position of the machine and display a color map indicating the current number of passes and possible overlaps. With two infrared sensors you can also measure the surface temperature ensuring the asphalt is at the correct temperature for compaction.



Trimble IS310 Infrared Temperature Sensors

The Trimble IS310 Infrared Temperature Sensors are installed on the front and rear drum of asphalt compactors to measure surface temperature of the mat in the direction of operation.



Trimble CM310 Compaction Sensor

The compaction sensor measures compaction value, vibration frequency and vibration amplitude for vibration rollers.



LANDFILL SOLUTIONS



VisionLink® Landfill

VisionLink Landfill tracks the compaction and fill processes at your site when coupled with landfill compactors installed with Trimble CCS900 Compaction Control Systems. VisionLink Landfill tracks the compaction efforts of GPS-equipped compactors, and calculates the waste volumes placed and the compaction densities achieved in active cells. Optimize compaction and maximize landfill life with VisionLink Landfill.



Compaction Mapping

- At least three more passes to complete
- At least two more passes to complete
- At least one more pass to complete
- Complete
- Thick lift

Key Features:

- Volume and density calculations
- Compaction mapping
- Compaction density
- Multi-site tracking
- Landfill life estimates
- Scale weight entries
- Comprehensive reporting
- Configurable dashboard





TRIMBLE GROUNDWORKS

Machine Control System for Drilling and Piling

Realize maximum production and revenue with the Trimble® Groundworks Machine Control System—an aftermarket, land-based, 3D drilling and piling system for the mixed fleet operator.

- Stakeless drilling or piling and minimal lay out reduces workload and cost.
- Keeps personnel safe by reducing the need to be near machines and warns the operator when entering avoidance zones.
- Limits operator fatigue by reducing paperwork.

Trimble Groundworks pays for itself by:

- Using RTK for extreme precision and accuracy.
- Piling and drilling exactly to defined elevation using Auto Stop.
- Navigating to battered or vertical piles or holes from any direction.
- Reducing time and money spent on surveyors and stakes.
- Logging as-built data during operation.
- Reducing rework.
- Reducing site visits by syncing data via Wi-Fi or cellular direct to the office.

OPTIMIZE DRILLING & PILING

Trimble VERSO 12 Display

Keep your machines working. Not waiting.

Your machines can be up and running 24/7 with the rugged and fully connected Trimble VERSO 12 and Trimble Groundworks Software. The easy-to-read touchscreen makes navigation simple and quick.

- Rugged VERSO 12 display
- Clearly see avoidance zones for safer worksites
- Configurable views
- Easy to use, intuitive interface
- Modern colorful graphics

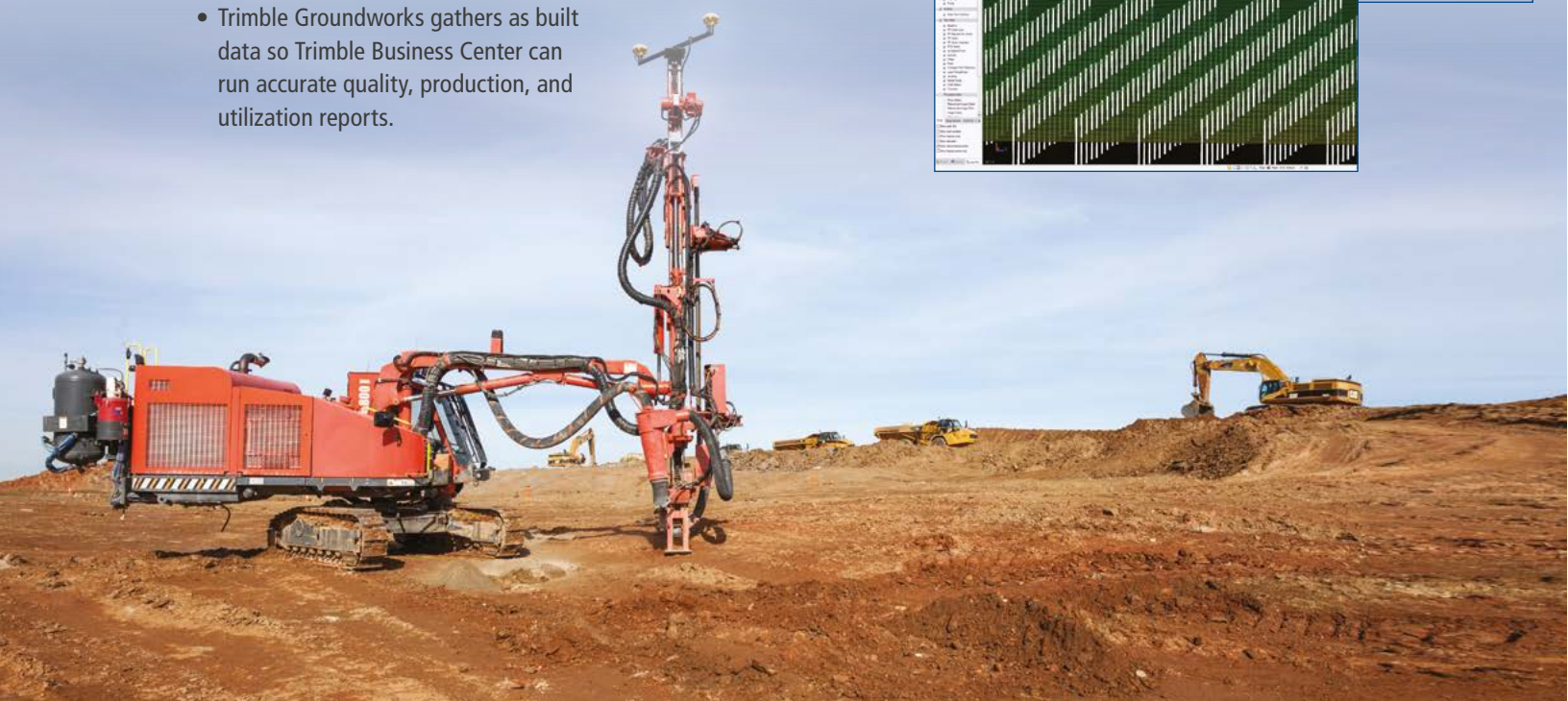
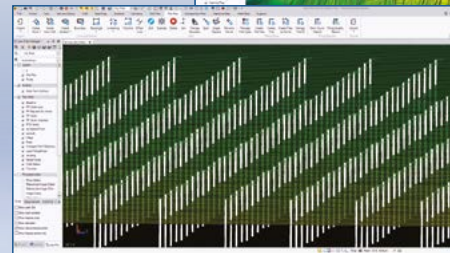
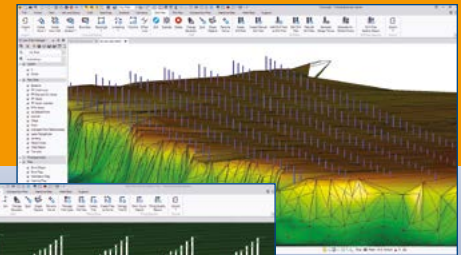
Part of the Trimble Connected Site® portfolio, Trimble Groundworks is an integrated solution that brings the office and the field together to give you less rework, more productivity, and best of all — more profitability.

- Trimble Business Center creates and manages design data to avoid costly mistakes.
- Connected Community allows design data to be shared in the Cloud and ensures operators are always working with the most recent information.
- Trimble Groundworks gathers as built data so Trimble Business Center can run accurate quality, production, and utilization reports.

Trimble Business Center

Optimized drill plans. Optimal results.

Rapidly create optimized 3D drill or pile plans with Trimble Business Center, then generate comprehensive quality and production reports. With Trimble Business Center and Trimble Groundworks, more profits are at your fingertips.



TRIMBLE VERSO 12

Rugged VERSO 12 display

Clearly see avoidance zones for safer worksites

Configurable views



Easy to use, intuitive interface

Modern, colorful graphics

Transforming the Way the World Works

Set your sites on boundless possibilities with Trimble, the only provider of hardware and software solutions for every phase of your project's life cycle. From start to finish your project is under control.



CONTROL BOXES

Trimble TD520

The Trimble Earthworks grade control app runs on the new 25.7 centimeter Trimble TD520 touchscreen Android display.

- Colorful graphics, natural interactions and gestures, and self-discovery features make Earthworks intuitive and easy to learn.
- Personalized interface with configurable views for each operator make it easier to see the right perspective for maximum productivity.



Trimble CB460

- Large screen size: 178mm, 800(w) x 480(h) pixel, 256k true color, TFT active matrix, 1000 (typ) cd/m2. LCD brightness is adjustable over a suitable range to accommodate different working conditions
- Windows CE 5.0 operating system
- Both serial and ethernet connections for increased sync speed
- 4GB memory
- USB host port on front face protected with self-closing protective cover
- 4x integrated lightbars. Each lightbar has 1 central green LED with 3 amber LED's each side of the central LED
- Ambient light sensor for automatic brightness control
- 17 logically placed backlit keys which provide crisp tactile feedback when activated
- 39-pin sealed military-rated quick release tool-less connector
- Field upgradeable software via USB 2.0 port
- In-built buzzer (with adjustable levels) for operator feedback and warning




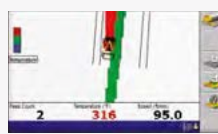

Trimble CB450

- 109m, 480(w) x 272(h) pixel, 256k true color, TFT active matrix, 450 (typ) cd/m2. LCD brightness is adjustable over a suitable range to accommodate different working conditions.
- USB host port on front face protected with silicon cover
- 500Mb memory
- 4x integrated lightbars. Each lightbar has 1 central green LED with 3 amber LED's each side of the central LED.
- Ambient light sensor for automatic brightness control
- 17 logically placed backlit keys which provide crisp tactile feedback when activated
- 39-pin sealed military-rated quick release tool-less connector
- Field upgradeable software via USB 2.0 port
- In-built buzzer (with adjustable levels) for operator feedback and warning



The Trimble CB450/CB460 Can Be Configured For Your Specific Application

2D Indicate, 3D Indicate, 3D Automatics

DOZER CONTROL	COMPACTOR CONTROL	GRADER CONTROL
		
Shown on Trimble® CB460	Shown on Trimble® CB450	Shown on Trimble® CB460

SITE POSITIONING SYSTEMS

THE RIGHT TOOLS TO DO THE JOB RIGHT

Trimble Site Positioning Systems give contractors targeted tools for every person on the jobsite; work at every stage is performed faster, with fewer errors and less material costs.

Trimble Site Positioning Systems provide:

- The ability to measure, stake, check, manage, inspect
- Control and communications infrastructure
- Tools to move data between the office, machines, and site personnel
- The confidence to finish projects on time, on cost, and on specification

From the field, truck, or office, any person on the construction site can be connected and equipped with accurate positioning, consistent digital design information and the ability to locate, measure and record information. Contractors can share information, track results instantly, make smarter decisions, and manage multiple jobsites with ease. Data can be leveraged across more professionals on the jobsite, making every resource a direct contributor to the success of the project.





Trimble SPS986 Smart Antenna

The ultra-rugged Trimble SPS986 Smart Antenna is a valuable solution for contractors who need a precise GPS/GNSS Rover for their surveying and engineering departments. Full GNSS tilt compensation makes it easy to survey hard to reach areas and capture accurate points while standing, walking or driving.

- GPS and all other available constellations
- Fastest RTK engine
- Geodetic antenna with multi-path rejection
- Internal radio
- Remote support and configuration
- Connects through bluetooth
- High precision, 440 channels



Trimble SPS855 GNSS Modular Receiver Base Station

The Trimble SPS855 GNSS Modular Receiver is simply the most advanced construction modular receiver on the market. Easily configurable as a base or rover with a range of antenna options, the SPS855 is a truly universal GNSS receiver capable of any operation.



Accessories

Mount the SPS985 to a vehicle and easily scope where it is not easy or safe to walk with a range pole. The Trimble® TDL 450 series is an advanced, high speed, wireless UHF data radio built to support all aspects of GNSS surveying.



CAR MOUNT

TDL 450 RADIO



TOTAL STATIONS

Trimble SPS730 & SPS930 Universal

- One man operation and machine control compatible
- Robotic range of 500 meters
- Up to 1300m reflectorless range
- Trimble MultiTrack technology - Locks on and tracks passive prisms for monitoring or control measurements and active prism targets for dynamic measurements required for grade control applications
- Trimble SurePoint technology - Automatically compensates the horizontal and vertical angles and instrument pointing for accuracy of the instrument
- Patented high speed Trimble MagDrive technology - turns the instrument up to 115° per second
- 3Hz DR scanning - Super fast scanning measurements and stockpile scans
- The Trimble SPS930 Universal Total Station is accurate to one arc second in the vertical and horizontal angle
- The Trimble SPS730 Universal Total Station provides three arc second horizontal accuracy and two arc second vertical accuracy



Trimble SPS620 & SPS720 Robotic

- One man operation
- Robotic range of 500 meters
- Up to 800m reflectorless range
- Up to 5000m with 3 prisms
- Trimble Active Target Tracking Technology
- Patented high speed Trimble MagDrive™ technology
- The Trimble SPS620 provides five arc second accuracy for the vertical and horizontal angle measurements.
- The Trimble SPS720 provides three arc second accuracy in the horizontal angle and two arc second accuracy in the vertical
- Both offer a high performance, cost-effective solution for jobsites that do not need machine control



CONTROLLERS

Trimble TSC7

The Trimble TSC7 Controller is a wirelessly connected, rugged handheld controller for GNSS or total station operations. It gives construction surveyors, grade checkers, and site engineers total control over their on-site tasks. Designed for construction site operations, the TSC7 offers integrated Wi-Fi and bluetooth, built-in cameras, and GPS in a lightweight, shock, dust and water resistant package.

Features & Specifications:

- Optimized for Trimble Siteworks Software
- Large 7-inch multi-touch screen for finger, gloves or stylus
- Sunlight readable display
- Secure Windows 10 Pro operating system
- Intel Pentium processor with 8 GB RAM and 64 GB internal memory
- Comprehensive connectivity options
- Front- and rear-facing cameras
- Backlit keypad with customizable button commands
- Ergonomic form factor
- Hot-swappable batteries with LED indicators



Trimble Site T10 Tablet

Trimble brings the advantages of fast computing power and a large screen to the field with the Trimble T10 Tablet. Integrated GNSS capabilities close the gap between office design and field implementation enabling design changes in the field, instant approvals and fast communication of changes to field crews. From the field, to the truck cab, to the office, users stay connected, work more and drive less.

Features & Specifications:

- Military-grade ruggedness
- Microsoft Windows 10
- 10.1-inch, sunlight readable display
- Long-life lithium-ion batteries



SOFTWARE SOLUTIONS

UNITING SOFTWARE AND SERVICES; CONVERGING PEOPLE AND PROJECTS

Trimble offers a range of field and office software solutions designed to provide a complete approach to managing projects from end to end. These purpose-built solutions are optimized through decades of industry experience to serve the entire building lifecycle.

Trimble's software tools ensure maximize productivity, data quality and streamlined workflows enabling you to quickly generate quality results with confidence.

Improve your workflows between key stakeholders—wherever they are located—and make your projects smarter, more accurate and profitable.



Trimble WorksManager

Now you can be everywhere at once.

Trimble® WorksManager allows users to wirelessly transfer data such as 3D designs to the construction site, increasing efficiency and saving drive time and money. Supervisors and data managers will be sure that the right machines or data collectors are always using the current design. A practical dashboard shows managers an overview of their sites. Contractors can prevent costly mistakes and rework by seeing their construction technology in the field in real time.



Easily Manage Your Data and Assets

Without leaving the office.

WorksManager seamlessly connects the office and the site to improve a variety of workflows. **For example:**

- WorksManager enables foremen to supervise and coordinate multiple crews and multiple projects from one location
- Site supervisors can trust that the correct design is being used in the field
- WorksManager gives data prep professionals the confidence that their changes are being communicated and applied at the site
- WorksManager can extend the range of existing base station corrections so GPS and survey managers can send crews out over a larger area

Always Connected and Up to Date

- Easy to use workflows keep current information at your fingertips
- Mobile friendly, data is available when and where you need it
- Integrates with the Trimble Earthworks Grade Control Platform, Trimble Siteworks Positioning System and Trimble Business Center

- Up-to-the-minute, actionable data empowers you to run your business more confidently and profitably
- Limit the risk of miscommunication to and from the field with automatic data transferring

Seamless Transfer

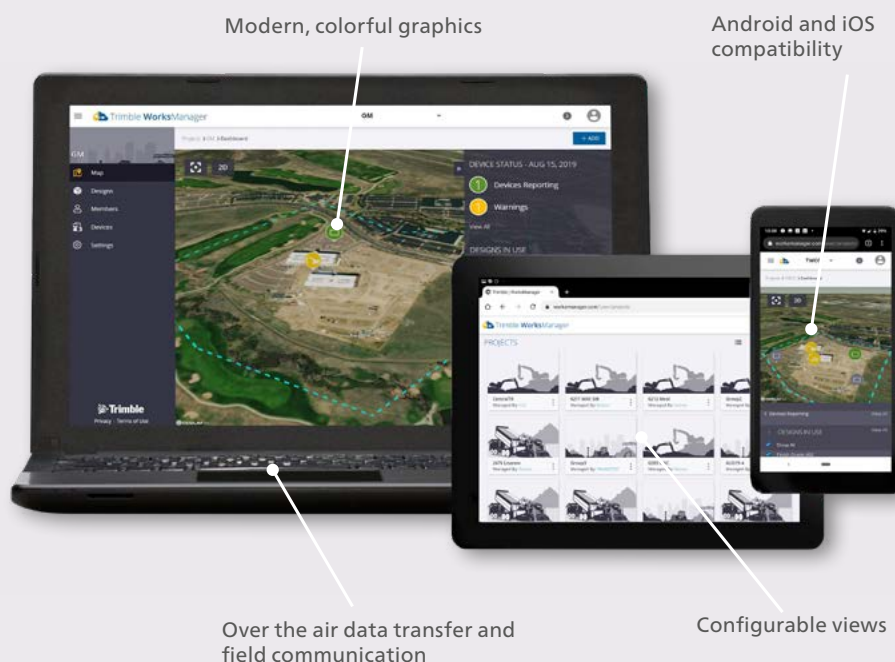
- Easily transfer data to and from devices over the internet
- Stream corrections to your devices

Jobsite Visibility

- Keep track of the location of your devices and machines with detailed activity information
- Intuitive dashboard shows an at-a-glance view of your digital assets and design information wherever you are
- Monitor operations to keep the job on track and keep costs down

Remote Assistance

- Troubleshoot issues in the field from the office
- Efficiently support the team in the field from wherever you are, react quickly when things go wrong and get everyone back to work faster

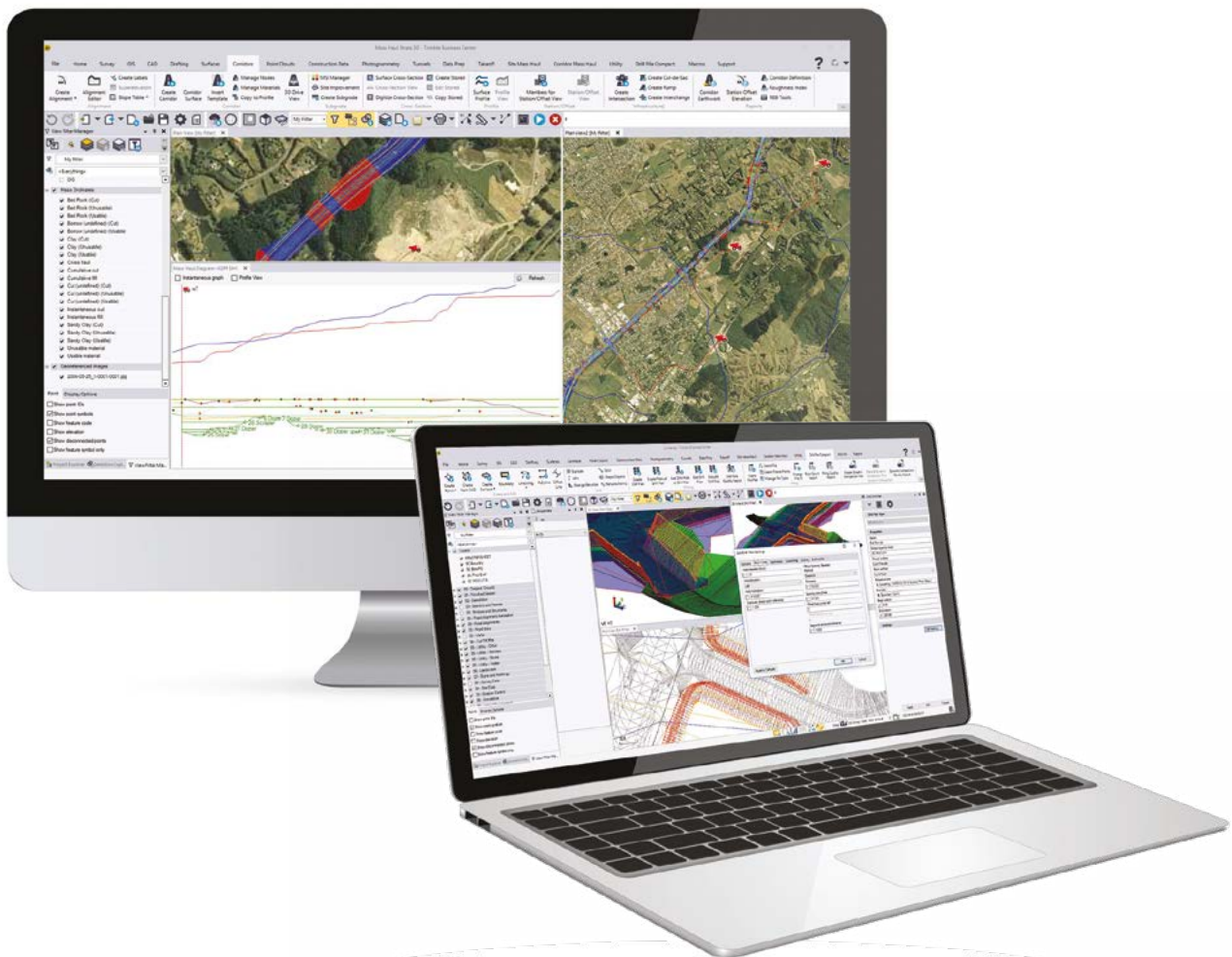


TRIMBLE BUSINESS CENTER

Powerful tool to manage data and create designs

Trimble Business Center contains powerful tools to help you quickly and easily create accurate, integrated 3D constructible models for sites, highways and marine applications. Make better decisions, decrease costly mistakes, and increase efficiency in the office and on the job site.

- Reduce drive time by effectively and seamlessly managing data between the office, Trimble Site Positioning Systems and Trimble machine control technology
- Rapidly create, edit and draft, generate reports and plots, and publish information
- Reduce rework by ensuring data is clean, up-to-date and delivered in the right format to get the job done
- Win more bids by preparing earthwork and construction takeoffs quickly and accurately with expanded levels of detail
- Increase profit by optimizing the site and corridor earthworks
- Works seamlessly with Trimble Siteworks Software, SCS900 Site Controller Software, Trimble Earthworks, Trimble GCS900 Grade Control System, Trimble PCS900 Paving Control System, Trimble CCS900 Compaction Control System, Cat® AccuGrade™ and Cat GRADE Grade Control Systems



Editions and Modules

Trimble Business Center is available in editions, with add-on modules to customize functionality for your specific workflow.

Viewer Edition

- Basic functionality available at no cost
- Import and export data to Trimble field devices
- Data viewing and querying of properties

Field Data Edition

- Fast, accurate and affordable field data management
- Add the GIS Module to view Geographic Information System (GIS) data
- Basic CAD drawing and editing functions
- Level and Total Station data processing

Surface Modeling Edition

- Create, edit and manage surface models
- Compute and report volumes and areas
- Create cut fill maps
- Create, edit, label and manage alignments
- Add the Drilling, Piling and Dynamic Compaction Module to access features for specialized groundwork applications

Survey Intermediate Edition

- Import, georeference, edit and extract vectors from Adobe® PDF and image files
- Calculate network adjustments
- Carry out site calibration computations
- Create dynamic labels and tables

Survey Advanced Edition

- Create and run TML macros (Python-based scripts)
- Create and edit corridor models and surfaces
- Advanced drafting features bring polished design to your presentation, work plans or as-built information
- Includes advanced survey features
- For advanced functionality, add the Mobile Mapping Module
- Add the Tunneling Module to more effectively manage tunneling project data

- Add the Scanning Module and Aerial Photogrammetry Module for additional surveying functionality

Site Modeling Edition

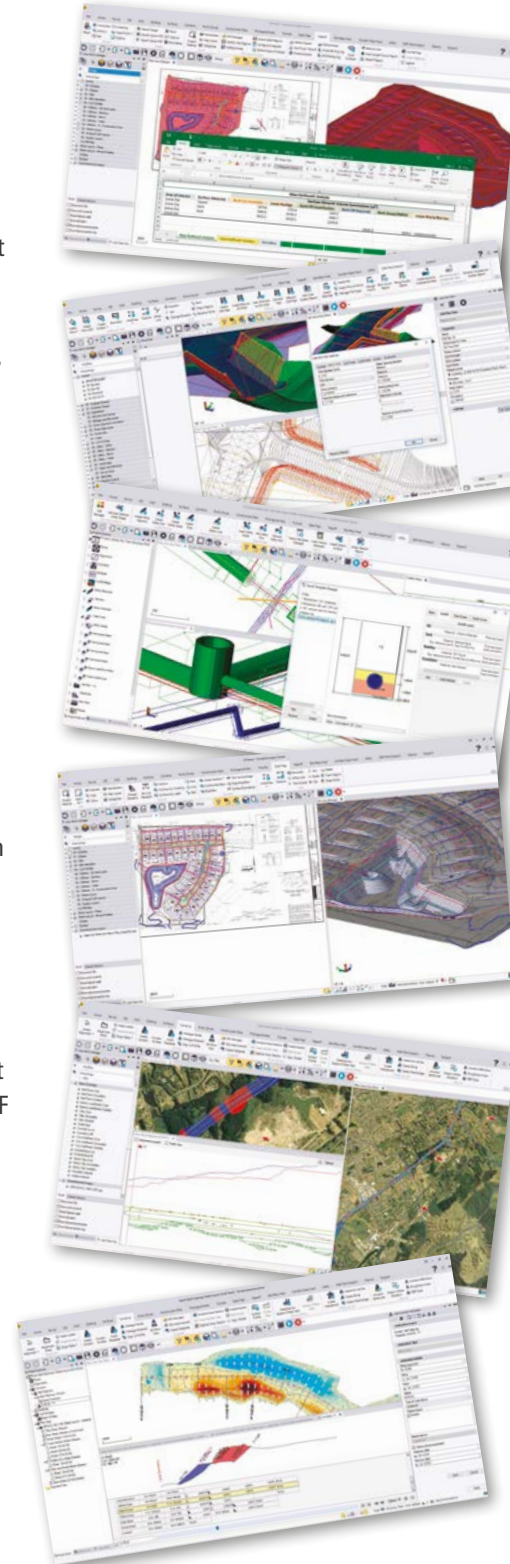
- Data prep functionality quickly converts 2D or improperly elevated CAD data into properly elevated objects that can be sent to the field for construction
- Includes site modeling tools and an interface to VisionLink production models
- Add the Utility Modeling Module to simplify site and infrastructure construction

Site Construction Edition

- Site takeoff features save time and decrease the learning curve by using one piece of software to import Adobe PDFs, trace contour lines, create surfaces, apply site improvements to specify materials and depths and get an accurate report of quantities and costs
- Streamline your entire workflow from estimation, to design through preparation and drafting
- Create and edit site mass haul computations to balance earthwork and minimize earth moving
- With added road takeoff tools, convert digital CAD cross-sections, rapidly extract cross-section information from Adobe PDF vector files and quickly see locations and quantities of materials

Infrastructure Edition

- Linear mass haul functionality helps determine how much to move, from where, to where, and what it will cost to get it all done
- Included intersection design workflow reduces the complex and labor-intensive design task to minutes by automatically creating parametric intersections from corridors with defined templates



VISIONLINK UNIFIED SUITE

Health, Location and Productivity Information

VisionLink® offers a unified view of health, location and productivity for your fleet, regardless of manufacturer, providing actionable information for key decision-making to help you improve your bottom line. VisionLink Unified Suite mobile-ready applications include Unified Fleet, Unified Service, Unified Productivity and Administrator.



VisionLink Unified Fleet

VisionLink Unified Fleet's user-friendly screens display asset information to help better manage a mixed fleet, no matter the machine brand. Developed with the fleet or equipment manager and owner/operator in mind, VisionLink Unified Fleet's user-friendly and configurable dashboard displays information such as: hours, miles, fuel, odometer, locations, idle time, asset status, asset utilization and operation, and customer-defined asset states.



VisionLink Unified Service

VisionLink Unified Service integrates health and maintenance information, delivering a complete picture of fleet health that allows users to proactively schedule maintenance while minimizing asset downtime. To stay operational and extend asset life, manage maintenance schedules and track machine health with VisionLink Unified Service.

VisionLink Administrator

VisionLink Administrator unifies all of the applications by enabling users to define what is important, manage access and configure settings to optimize workflow. Designed to provide administrative functions across the VisionLink Unified Suite of applications, VisionLink Administrator allows user-assigned administrators to set up and manage users, geofences, asset settings, reports, notifications, workflows and more from a centralized location.





VisionLink Unified Productivity

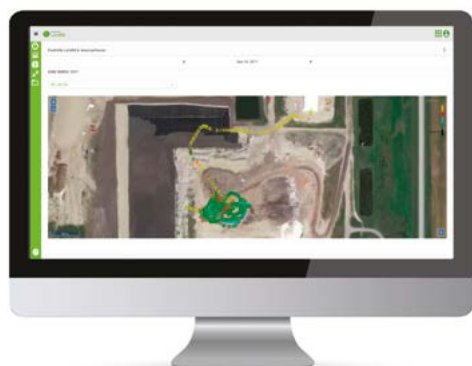
VisionLink Unified Productivity optimizes project productivity by monitoring the movement of materials against project or asset targets, helping project managers, foremen and operators maximize site efficiency in near real-time to keep projects on time and on budget. This application enables monitoring of payload, volumes, as well as other material movement metrics including load counts and cycle times.



VisionLink 3D Productivity Manager

VisionLink 3D Productivity Manager provides a complete view of cut/fill, volume, and compaction data so you can leverage all of your jobsite data from machines, to surveys and drones for improved decision making. VisionLink provides actionable information for key decision-making to help improve your bottom line on any device at any time.

Boost your ROI from machine control investments by leveraging the power of VisionLink and combine survey and design data with machine data all in one software.



VisionLink Landfill

The VisionLink Landfill application is designed to help you better manage your solid waste landfill. Developed with the Landfill Manager in mind, VisionLink Landfill tracks the compaction and fill processes at your site when coupled with landfill compactors that have Trimble CCS900 Compaction Control Systems or Cat AccuGrade Compaction Control Systems from Caterpillar or Trimble.

VisionLink Landfill can track the compaction efforts of these GPS-equipped compactors and can calculate the waste volumes placed and the compaction densities achieved in your active cells. Get better compaction and maximize the life of your landfill with VisionLink Landfill.

TRIMBLE SITEVISION™

Augment Your Reality

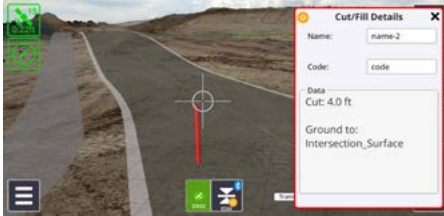
Trimble SiteVision™ is a user-friendly multi-purpose tool used for communicating new designs and changes to field crews, inspections, determining productivity and calculating quick measurements on site including points, lines and cut/fill values. SiteVision plays a key role in all stages of the construction life cycle: planning and initial visualization, checking progress and identifying issues to reduce cost and increase efficiency.

Key Features:

- Accurately places and displays 2D/3D data in real world context from any angle at true-to-life scale
- Precisely locates and reveals hidden assets
- Automatically transforms complex 2D designs into visual 3D models
- Switches between 2D and 3D views
- Provides Trimble cloud-based data hosting and reporting tools
- Enables collaboration and communication of designs on the jobsite
- Seamlessly integrates with your data from Trimble Business Center, SketchUp, Trimble Novapoint, AutoCAD and more
- Lightweight, portable handheld or pole-mounted unit



Bring your Data to Life



Monitor satellite connectivity, accuracy and orientation.

Take accurate measurements on the spot with integrated Electronic Distance Measurement (EDM).

View data in context at any angle, at true-life scale with the lightweight, portable handheld unit.



Attach a sun shade allows for better screen visibility.

Show/hide layers in your model to manage which details you want to view.

Visualize data in the context of where you are standing by easily switching between 3D view and 2D plan view for a bird's eye view of the site.

See the environment and the design in context at different opacities using the transparency slider.

Capture georeferenced images, tasks and point, line and cut/fill measurements with various applications.

Applications

- SiteVision enables users to easily understand new designs, existing underground services, and how future landscapes will look over time without the need to interpret complex 2D plans.
- Plan and visualize onsite progress, inspect completed work, complete quality management and identify issues early to reduce costs and time
- Check finished grade and laid material thickness against design elevations and tolerances
- Confirm designs and avoid issues by identifying the location of utilities in the context of the real world
- Monitor and conduct quality control for earthworks and paving operations
- Synchronize design and field data
- Share, communicate and collectively interact in real time with easy-to-understand visualizations for efficient collaboration with people of all skill levels
- Improve communications between the field and office by connecting more people on and off the jobsite
- Take photos, measurements and notes in the field for accurate and up-to-date reporting, create tasks and assign them to team members
- Use sub surface mapping information to improve plans by visualizing the location, size and attributes of underground infrastructure such as water, power, gas and telecommunications

UAV SOLUTIONS

Construction | Mining | Agriculture

Drones can give your business an edge in this competitive world. As your leading technology solutions provider, SITECH Southwest is now your authorized dealer for commercial UAV's, supporting software, training and service needs.

We're Here for You

Whether you are a beginner looking to get up to speed quickly, or a seasoned professional wanting to advance productivity, we've got you covered.



UAV



Engineered for Professionals, by Professionals

We have partnered with industry leading companies to address diverse needs. Let us help you transform your toolkit by determining the UAV solution to use for your job.



FLYING TIME:* 20 Minutes

ACREAGE PER FLIGHT:* 75 acres

Realtime or Post-Processed Kinematic (PPK) GPS for high accuracy projects. Ideal for mapping & survey, jobsite inspections, fire, police, film and video production. Small and easy to fly for small to medium-sized projects.



FLYING TIME:* 30 Minutes

ACREAGE PER FLIGHT:* 198 acres

For precise GPS mapping, choose from a range of options including units with heavy payload capacity or a highly customizable camera and flight controls to simplified packages that streamline mapping or video processes. Great for specialty projects.



FLYING TIME:* 60-90 Minutes

ACREAGE PER FLIGHT:* 1700 acres

Post-Processed Kinematic (PPK) combined with the advantages of vertical takeoff (eVTOL). Vertical takeoff means no hand launch or belly landings. No runway needed and no rough landings with damaged parts. One of the longest flight times in the industry for high acreage projects of long rail or highway alignments.

*Flying time and acreage will vary based on site conditions.

Achieve Complete UAV Workflow

You can capture reality, gain insights, and make decisions in real-time with connected software solutions.



CLOUD-BASED PROCESSING & DATA SHARING

Get consistent results, quantifiable savings, and the confidence you need to map, measure and manage your site.

Sharing takes the complex process of drone surveying and streamlines it into three simple steps: Place, Fly, & View.



DESKTOP UAV PROCESSING

Easily process aerial data on your desktop with photogrammetry-grade processing for unmanned aerial systems (UAS) and terrestrial close-range imagery integrated alongside Trimble Business Center.

We Can Help You Get Started with Your UAV Program.

Service

SITECH Southwest has invested in a fully equipped service center staffed with factory-trained and certified service technicians with years of experience. We offer a wide range of technical services including preventive maintenance, repairs, product upgrades and more.

Accessories

Whether it's for ground-use like stakes, base stations, active/static targets or custom-payloads like RGB, infrared, multi-spectral, LIDAR, or even gas sensors, we'll get it for you.

Training

With several FAA certified UAS pilots on staff, SITECH Southwest can customize trainings to fit your needs from classroom to field; one-on-one to group. Our trainings cover ground control, set up, flight plans, processing data and more to get you ready for flight.

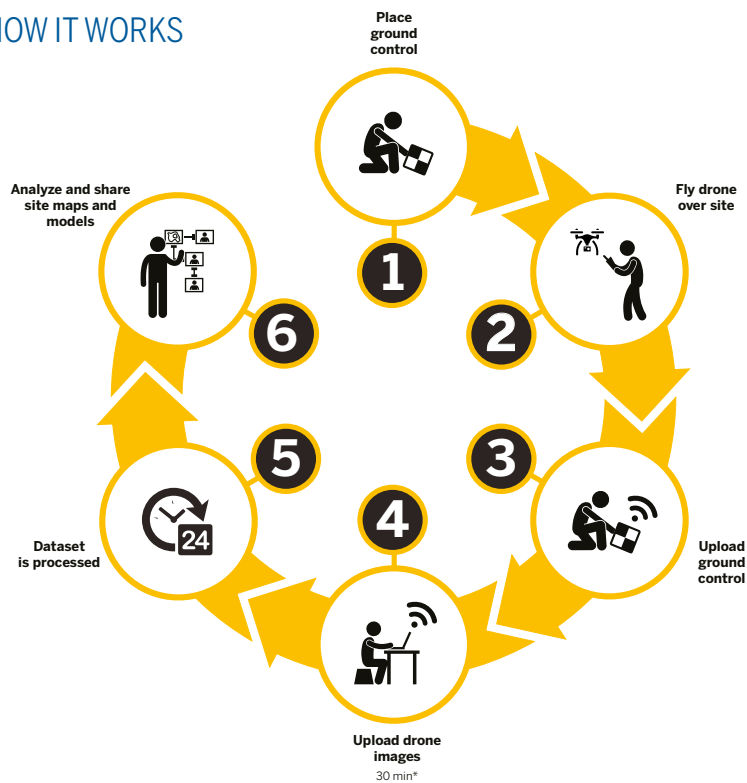


TRIMBLE STRATUS

Drone Data Platform for Construction

Trimble Stratus software helps civil contractors use drones to map, measure, and share accurate information about their worksites and assets. With Stratus, you can make quicker decisions, avoid mistakes, and grow profits by always having the right information on hand.

HOW IT WORKS



Benefits:

CONFIDENTLY PLAN AND ESTIMATE

- Know what you're quoting: Conduct your own site surveys before the job begins, and whenever changes occur.

SURVEY FREQUENTLY AND FASTER

- Get accurate, up-to-date topographic surveys whenever you need without having to bring in a survey crew.

COMMUNICATE EFFECTIVELY

- A visual timeline keeps everyone on the same page. Track site changes, avoid crossed wires, and resolve disputes quickly.

TAKE CONTROL

- Save on consultants and avoid information bottlenecks. Get answers to your questions with an intuitive web-based tool.



LOAD WEIGHING SYSTEMS

Optimize assets by tracking productivity

Knowledge is power. LOADRITE and InsightHQ enables the Connected Quarry which helps you manage your operation from wherever you are. It gives you the power to manage your operations, tracking the main drivers of your business. Easy-to-use reporting helps track daily operations and major process change management. Simple graphs help quickly identify bottlenecks and workflow issues.

InsightHQ is a productivity and performance reporting and management portal showing near real time productivity, from your LOADRITE scales.

With InsightHQ you can:

- See site performance and productivity information presented in an easy to read graphs and tables
- Respond to issues, optimize production and productivity with accurate data
- Control your data, how, when and where you want it, all during the shift
- Access anywhere, anytime on your web browser or mobile device

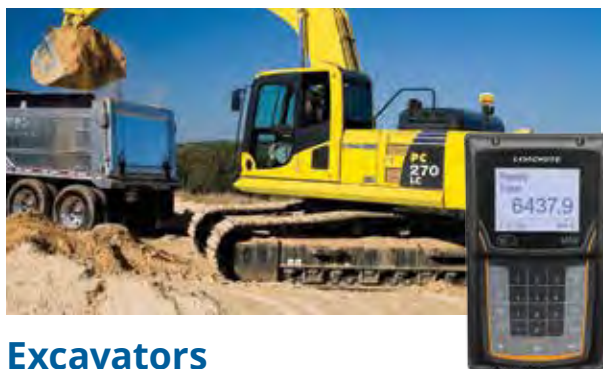


LOADERS, EXCAVATORS & HAUL TRUCKS

LOADRITE L2150 Loader Scale

The L2150 is a high precision onboard loader scale, by using multiple-point triggering, speed compensation and dual pressure measurement the L2150 offers high-level weighing accuracy regardless of lift speed and loader movement.

- 1 Pressure Transducers
- 2 Triggers
- 3 Indicator
- 4 Slope Compensation Kit
- 5 Printer
- 6 Data Communication



Excavators

Designed and engineered specifically for bucket excavators, Trimble LOADRITE X-series excavator scales use proprietary Multi-Dimensional Compensation weighing technology to achieve accurate weighing performance.



Haul Trucks

The Trimble H2250 provides near real-time reporting of haul truck production and process monitoring including automatic haul truck load counting, payload measurement to within +/- 3% accuracy, cycle time analysis and truck speed monitoring.



Trimble L3180 LOADRITE Weighing System

The new Trimble L3180 LOADRITE SmartScale offers greater loading accuracy with precise weighing artificial intelligence that adjusts for rough terrain, technique, and movement so new and skilled operators can load accurately with confidence and speed.

- Large 14.5cm display screen
- Weighing artificial intelligence
- Connected quarry connectivity including built-in Wi-Fi and GPS
- Multi-axis inertial measurement unit (IMU)
- Smart data sync



LOADRITE LP930/LP950 PRINTER

Get time stamped, dated hard copies of payload information printed either in the cab or in the office. Wireless reporting options are also available.

- Date and time
- Company name
- Loader/operator identification
- Onsite loading location
- Required amount of product
- Truck identification
- Docket identification
- Product loaded and total truck payload weight
- Individual bucket load weights



LP950 Printer



LP930 Printer

CONVEYOR BELTS & MOBILE CRUSHERS

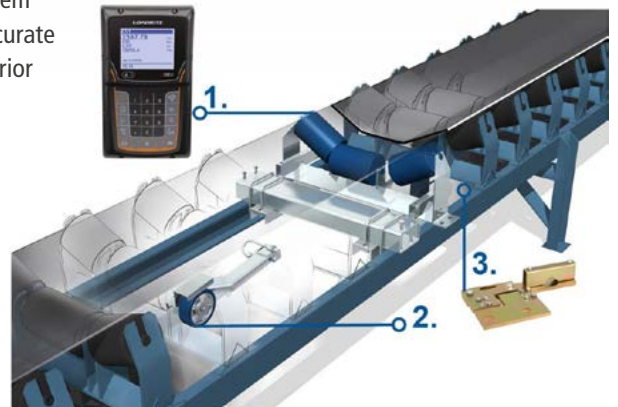


Trimble LOADRITE C2880 Conveyor System

FOR FIXED CONVEYOR SYSTEM

The Trimble LOADRITE C2880 is an advanced conveyor belt weighing system for the demanding requirements of a modern quarry. It couples highly accurate weighing with state-of-the-art data communication capabilities and superior information management solutions.

- 1 The integrator is the processing engine that converts signals from the load cells and speed wheel into weighing data.
- 2 The speed sensor provides data to calculate belt speed, flow rate and total weight.
- 3 Scale assembly measures vertical forces for an accurate weight signal to the integrator.



Mobile Crusher

The Trimble LOADRITE C2880 belt scales allow you to manage your mobile crushing plants like never before. By ensuring your mobile plants are producing the tonnage you expect, you will get more profitable crushing.

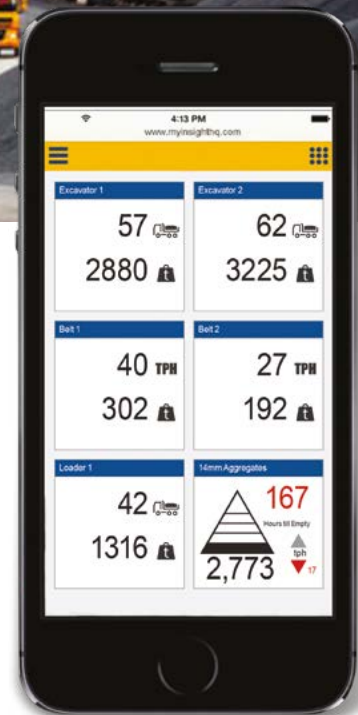




Trimble InsightHQ

Trimble InsightHQ is a quarry management portal for your web browser or mobile device. It shows near real-time productivity, availability and performance dashboards as well as reports for extraction, processing and load-out.

- Track tons per hour from your mobile equipment and fixed plant
- Precisely track inventory
- Identify bottle necks and pinch points in your process
- Monitor machine stress to schedule preventive maintenance
- Maximize utilization by identifying equipment with unused capacity
- Track loadout operations




Trimble LOADRITE Communication Options

Trimble LOADRITE offers several data communication solutions to send data from your LOADRITE weighing system to an office PC in a secure, paperless manner.

LOADRITE ENABLES YOU TO TRANSFER DATA VIA THE FOLLOWING TECHNOLOGIES:

- LOADRITE™ Data Module
- 2.4 GHz Radio Link
- Ethernet Network
- 900 Mhz Radio Link
- GSM / GPRS Cellular Modem
- Serial Connection
- Wi-Fi 802.11 a/b/g Network

SPECTRA PRECISION INSTRUMENTS



Spectra Precision provides a complete portfolio of lasers - from site development to interior buildout. Solutions incorporating laser and optical instruments target general contractors and specialty contractors serving large and small commercial jobsites as well as residential builders and remodelers.

Lasers for elevation control, grading and drainage, vertical alignment and layout are ruggedly designed to withstand harsh on-the-job conditions from rain, mud, temperature and humidity extremes and even clumsy handling.

LASER LEVELS

LL500

LONGEST RANGE, HIGHLY ACCURATE LEVELING SOLUTION

Accurate, stable and reliable, the Spectra Precision Laser LL500 is the ideal one-person leveling system for a range of everyday elevation measurements on the construction site. Designed for use on the jobsite, and reliable even in the harshest of conditions, today more contractors around the world use Spectra Precision Lasers to increase productivity and profitability.

- Capabilities include:
- Checking and adjusting elevations
 - Taking grade shots
 - Excavating cutting depth
 - Basement excavation
 - Digging septic tanks
 - Digging footings
 - Setting forms
 - Checking sub-base materials
 - Screeding concrete
 - Slope on grade



We carry a series of laser levels, contact us to find the one that meets yoUr needs.

GRADE LEVELS



GL710 Single Grade

An easy-to-learn, easy-to-use, one-person grade laser, economical and accurate up to a 900 m (3,000 ft) diameter. Ideal for general construction, site preparation, trenching and pipe laying applications.



GL720 Dual Grade

This economical choice has +/-10% in the X-axis grade range and -0.5 to +25% Y-axis grade range with high accuracy up to 900 m (3,000 ft) diameter. Ideal for general construction and machine control grade applications.



GL722 Dual Grade

With long-range radio remote and the same range and base capabilities as the GL720, the GL722 includes the benefits of the full radio remote functions plus, automatic axis alignment capability. Ideal for general construction, site preparation and road construction.



GL742 Steep Grade Laser (to 110%)

The GL742 includes all the features of the GL722 – including full radio remote – with the increased capability of achieving a steep grade range of 110%. Ideal for all general construction and machine control applications, as well as steep slope applications such as highway embankments, seawalls and landfills.

OPTICAL INSTRUMENTS

AL24A

EASY-TO-USE OPTICAL AUTO-LEVELS

The automatic levels are designed for a variety of elevation control and alignment tasks including general building construction, cut and fill measurements, area leveling, and landscaping.

Reliable automatic compensators ensure stability and accuracy in the line of sight. Telescope optics are bright and clear providing sharp images for ease of viewing. A short focusing distance provides better performance in tight spots or on steep slopes. Stadia lines on the reticle make distance calculations easy. A horizontal scale directly below the eyepiece makes angle measurements quick and convenient.

All models include a hard-shell carrying case, plumb bob, rain hood, hex key wrench, adjusting pin, and user guide.



DET-2

FULL FEATURED ANGLE MEASURING DIGITAL ELECTRONIC THEODOLITE

The Spectra Precision DET-2 is a rugged, cost-effective theodolite designed to give accurate angle measurements in general construction applications. The affordable, versatile, easy-to-use instrument and accessories will increase your productivity when turning angles and setting elevations and lines.

Capabilities include:

- Establishing 90 degree reference lines
- Checking angles, alignment, and plumb
- Anchor bolt alignment
- Gravity flow pipe laser setup
- Steel column placement
- Alignment of forms, tilt-up walls, and curtain walls
- Basic grade work
- Short range leveling



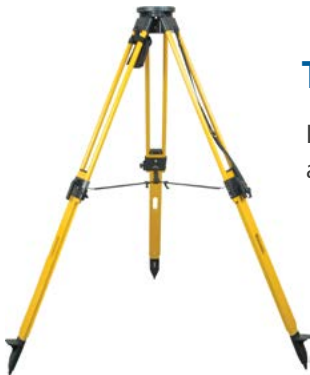
PIPE LASERS

DG613, DG613G, DG813

Designed to fit around tighter inverts, the Spectra Precision DG613 and DG813 deliver the most productive pipe-laying experience on the market. They are extremely rugged and thrive in demanding underground conditions. Benefiting from the latest technology developed by Spectra Precision, the beams move quickly and accurately for alignment and grade. The top of the line DG813 model includes a smart Spot Finder SF803 which allows for automatic laser alignment as well as grade calculations, further increasing productivity.



ACCESSORIES



Tripod

Ideal for mounting theodolites, lasers, auto levels, or total stations.



Handheld Laser Receiver

Highly versatile laser receiver for basic and advanced leveling & aligning applications.

The Spectra Precision HL700 Laserometer is designed for general, concrete and site preparation contractors. The HL700 Laser Receiver is an easy-to-use tool that accurately measures elevations across the site and is ideal for use with any rotating transmitter.

Note: Clamp and grade rod sold separately.



Standard Grade Rod

The grade rods we offer are constructed of strong fiberglass with reinforcing ribs for added stability. Waterproof and non conductive the rectangular-oval shape allows for wide, glare resistant scales that are wear-resistant.

If you don't see the product you are looking for, please ask your Sales Rep. We carry a full line of Spectra Precision Instruments, SECO and SitePro products.

TRAINING

Ready to take your site operations to the next level?

SITECH Southwest is the leading technology solutions provider across Arizona and Southeast California. Our team understands how to apply the latest technology effectively to solve some of the biggest challenges you face on the jobsite.

No matter your industry Construction, Mining, Landfill, Quarry/Aggregate or preferred equipment brand, we can train you on the technology systems right for your entire fleet of heavy equipment.

We offer customized training and host a number of free learning seminars throughout the year including:

- New technology solutions
- Machine control
- Site technology demonstrations
- How to's on the latest Trimble Software
- Custom on-site training





Service

Now you can be everywhere at once.

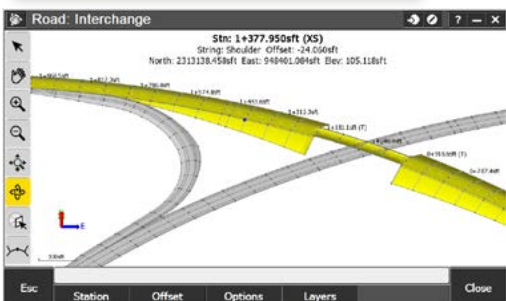
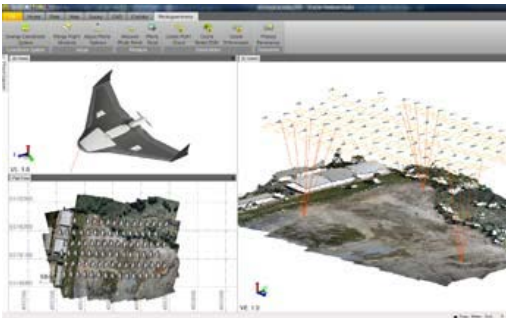
Quality technical support is essential for maximizing the productivity and reliability of your instruments and systems. Reduce your downtime and prevent unforeseen repair costs with periodic calibration and preventive maintenance from SITECH Southwest.

As a Trimble authorized service provider, we offer a wide range of technical services, including:

- Preventive maintenance
- Certification services
- Repairs
- Product upgrades...and more!



Take-Off Professionals, a team of knowledgeable and experienced engineers, prepares 3D models for site work machine control, layout, and additional uses. This innovative process puts quality data at your fingertips, giving you the confidence you need for a successful project.



3D DATA SOLUTIONS SUPPORT

- 3D data for machine control and layout. Includes: grading surfaces, 3D utility layout and utility trenches for rovers, machines, curb machines and pavers.
- Surface and layout files for contractors, engineering firms and surveyors.
- Point cloud processing for both pre-job topos, progress takeoffs and as-builts.
- Processing 3D data from any type of data collection, including: RTK, machine, LiDAR and photogrammetry.
- Personalized photogrammetry services including camera calibration, training and post-processing. All you do is take pictures, and we'll do the rest.
- Earthwork takeoffs with dirt and material quantities. Mass haul analysis for sites and roads. Haul road creation for the life cycle of the project.

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