



ASPHALT
CONTRACTOR™

TOP 30
— 2023 —

The 2023 **TOP 30**
Editor's Choice
Products

ASPHALT
CONTRACTOR™

TOP 30 2023

The 2023 TOP 30 Editor's Choice Products

Asphalt Contractor's 2023 Top 30 Editor's Choice Products award highlights the Top 30 innovations, tools and technologies available to help asphalt contractors and producers work more profitably, efficiently, and sustainably. While these awards are editorially driven, for the first time ever this year, manufacturers were able to nominate their products for award consideration.

This year was especially crowded with new and interesting products for the asphalt industry, in the wake of the 2023 CONEXPO/CON-AGG tradeshow. Every product selected was done so based on either an innovative feature, process or mechanism, or whether the product has shown a lasting, consistent impact upon the marketplace. While it is important to highlight what is new and cutting edge, it is also important to recognize the tried-and-true tools that continue to perform and assist asphalt pavement professionals year-after-year.

Without further ado, here are our 2023 selected award winners:

Click on Product Names for More Information »»



ALmix: Split-Level, Portable Control House

The ALmix Split-Level Control House is designed to provide a safe, refined, and fully mobile environment for your asphalt plant operators, plant automation systems, and load-out. These larger, two-room control houses feature a full operators room with 270-degree views as well as UL-Approved Motor Control Centers (MCC) complete with manual backups for each bucket. Hurricane-rated windows and double entry doors, rubberized flooring, and industrial-coated roofing materials are standard. Outdoor-rated transfer switches allow switching between power sources and outdoor main disconnects are offered to greatly reduce arc-flash risk potential.

Astec: Roadtec RP-195 Asphalt Paver

The upgraded model features a new cooling system, which makes the paver run quieter and more efficiently. Controls have easy-to-use switches, joysticks and touchscreens, each designed to put all the control at the operator's fingertips.

The comfort and safety features do not impede the robustness of the new design. The new F-model series has a State V engine, meeting the most stringent emission limitation required in the global market. A redesigned track system for improved durability and ease of maintenance. When it comes to hydraulics, the new track pavers have fewer connection points, easing maintenance tasks. As with all Astec pavers, the RP-195 is offered with your choice of three Astec industry-leading Carlson screeds, each providing unmatched mat quality.

- Paving class: Highway
- Standard Paving Width: 10 ft to 19 ft 6 in
- Maximum Paving Width: 30 ft
- Engine: 230 hp Stage V / T4F Cummins® B6.7



Click on Product Names for More Information »



◀ **Gencor: Ultrafoam GX2 Warm Mix Asphalt System**

Gencor introduces its latest development in warm mix technology with the Ultrafoam GX2 .

- Can achieve consistent foaming at varying production rates without the use of a powered mixing device
- AC and water can be introduced at widely different flow rates and pressures
- Compressed Air Purge releases remaining water in the piping and hose between the unit mounted on the drum when temperatures approach freezing
- Water Flow Alarm senses water and transmits alert to the operator if loss of water flow to the unit occurs
- Pump heater features a convective heat bulb used inside the pump enclosure to prevent pump and internal components from freezing
- Weatherproof enclosure provides freeze and dust protection to the pump and electronic parts

▼ **Cargill: Anova Asphalt Rejuvenators**

Anova rejuvenators have demonstrated desirable impact on asphalt pavements containing highly aged RAP and RAS binder in documented results in the laboratory and in the field.

- Successfully used in pavements with up to 100% RAP usage
- In addition to shifting the PG grade of virgin bitumen, Anova modifiers also rejuvenate RAP and RAS restoring properties of the aged bitumen, allowing for more versatility in mix designs
- Has been shown to reduce required compaction temperature by as much as 20° C in high RAP pavements
- Does not negatively impact rutting resistance of rejuvenated RAP mixture
- Enhances low temperature cracking resistance of asphalt mixture, even at high RAP content
- High flash point (in excess of 240°C/460°F) compared to petroleum-based bitumen rejuvenators, allowing safer handling without changing current processes



▲ **Earthwave: FleetWatcher Construction Management Solution**

The FleetWatcher collects data from all equipment assets, regardless of class or manufacturer, and presents the maintenance due report with color-coded entries for “at a glance” status.

- Shows equipment within 36 hours of required maintenance in yellow and any at or past due date in red
- Works across entire fleet with a single login and data can be shared via cell phone, tablet or computer
- Specific and customized data delivered through a Daily Snapshot in the specific data and format users select
- Reports available online or in MS Excel format with over 20 reports and hundreds of filtering options available

▶ **ADM: SPL Asphalt Plants**

Asphalt Drum Mixers Inc. offers its line of SPL hot-mix asphalt plants as an affordable option for contractors with low production requirements.

- Includes all necessary components for drum-mixing asphalt production yet fits on a single trailer frame
- Available in 60-, 100- and 160-tph production rates and comes standard with a drying/mixing drum, wet wash, cold feed bin and surge system
- Portable or stationary configurations with the option of automated or manual operation
- Customized components include cold feed bins, hot oil asphalt cement tanks (both horizontal and vertical), direct-fired horizontal cement tanks, portable and stationary bag houses, mineral filler systems, RAP systems, self-erect and stationary silos, weigh and drag conveyors, weigh batchers and fuel oil tanks



SPECIAL REPORT

Click on Product Names for More Information »

▼ **BOMAG: BOMAP Connect**

BOMAG has taken compaction even further down the digital road with the launch of BOMAP Connect.

With the help of planning data and up-to-date information from online map services, this subscription-based cloud solution makes it possible to specify all relevant core parameters for the site and plan the compaction process in detail. Respective job areas can be defined and compaction specs set according to task (number of passes or soil compaction value or material stiffness). Machines can be assigned to projects and tasks for optimal results. Roller operators, project supervisor and site managers can monitor and track all compaction values in real time.

All data relevant to compaction (e.g., material stiffness or temperature) is automatically recorded and transmitted through the cloud to BOMAP Connect. Third-party machines also interconnect and can transmit their passes, helping to generate a pass map for the entire site.

Operators can readily see areas that have already achieved target material densities, the current degree of compaction in a specific area and their position on the asphalt mat or soil section. Information on compaction progress and any plan changes can be transmitted in real time, keeping assigned users up to date on project status.



▼ **Elgin: Broom Badger Sweeper**

The Elgin-manufactured "Broom Badger" represents the company's dedication and attention to the demands of today's ever-shifting industry



needs. The new model incorporates several enhancements based directly on the feedback from consumers. The result? A more highly compact platform with gains in both maneuverability and job site flexibility.

- 19,500 lb. GVWR Class 5 cab-over chassis, non-CDL requirement to operate, with 120-in. sweep path, a 58-in. main broom and dual 42-in. side brooms
- 4 yd³ side-hopper capable of dumping its 9,400 lb. capacity at variable heights (18-120 in.) with 2 stage scissor lift
- Redesigned hydraulic system boosts overall platform efficiency, reduces waste and shortens servicing times
- 65-hp Kabuto T4 final engine, variable speed broom controls, up to 2700 rpm
- Compact 109 in. wheelbase and tight 16 ft., 9 in. turning radius results in exceptional maneuverability for a wide range of situations

▶ **CASE: E-series**

The new models of E-series excavators focus on operator performance and control, as well as total cost of ownership. They include OEM-fit 2D and 3D machine control systems. A major enhancement in the cab is the 10-in. LCD display that provides access and visibility to cameras, machine data and controls. This includes the optional CASE Max View display, which provides 270° of visibility. CASE has added new FPT Industrial engines throughout the product line, along with new enhancements to the hydraulic systems for power and performance. The CASE E-series excavators feature a combination of diesel oxidation catalyst (DOC), selective catalytic reduction (SCR) and particulate matter catalyst technologies, as well as no lifetime after-treatment replacement or mechanical service over time. The system has 13 patents that supports emissions compliance and performance in working environments.



◀ **Ammann: eARX 26-2**

Ammann has unveiled the eARX 26-2 Light Tandem Roller for construction projects. The roller features a fully electric drive that can operate for 18 hours or longer without recharging.

The absence of a combustion engine makes the eARX 26-2 quiet during operation. Sound levels reaching the operation station are 46% less compared to the diesel version. The powertrain concept eliminates almost all hydraulic components. Standard features, in addition to the electric drive, are the roller's design, drum construction, operator platform and engine compartment.

Click on Product Names for More Information »

▼ Astec: PTSC2818VM Portable High Frequency Screen Plant

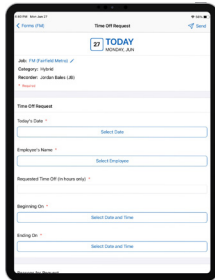
Astec's PTSC plant is equipped with an 8-ft. x 18-ft. top deck and an 8-ft. x 12-ft. bottom deck.

- Patent-pending screen design features externally-mounted vibrators at the ends of the tappets for a more aggressive screening action which creates a higher G-force and reduces heat load from material to motors as compared to single, center-mounted vibrators
- Screen also allows for easier maintenance and adjustments and is equipped with hydraulic operating angle adjustment, a fines collection hopper, top- and bottom-deck discharge chutes and an aggregate spreader
- Features a 54-in. x 38-ft. delivery conveyor, hydraulic drive and full-length skirtboards
- Manually-operating support legs, outriggers for additional support and folding walkways
- The portable plant is available with a variety of options, including: steel screen cloth, vinyl dust cover, hydraulic leveling jacks, immersion heaters for hydraulic reservoirs, starters for three off-plant conveyors and more



▶ HCSS Digital Form Builder

HCSS Forms is a digital forms builder that minimizes paperwork in projects. Crews can answer questions online, add photos, generate smart forms and sign off on forms – all digitally – without manually filling out forms on paper. HCSS Forms is available in the HCSS Field app as an update to both HCSS HeavyJob and HCSS Safety. HCSS Forms:



- Create forms from scratch with customization to enable branded forms.
- Answer questions digitally, sign off on forms and submit directly to management without having to touch paperwork physically.
- Share branded daily reports, HR requests and document field updates.
- Create custom owner-specific time and material reports.
- Manage form access with password protection, QR codes or email notifications.
- Access on tablets or mobile phones when in the field.
- Assign forms to one, a few, or all jobs so field members know which forms are associated with specific jobs.

▼ Crafco: Patcher 4

Built to the highest quality standards, Crafco Patchers provide the ultimate in performance, reliability, and productivity. Built using innovative construction:

- Large 395-gallon capacity material tank.
- Additional material loading door on the driver side, offering two intake areas for greater efficiency.
- Optional powered auger chute to dispense material extends outside the wheel path for safer and efficient application.
- Integrated digital control system ensures mastic temperatures are always kept within specifications.
- Angled and staggered agitation blades provide superior material agitation and aggregate suspension, ensuring a consistent material blend through to the discharge gate.
- A 6:1 gearbox delivers high torque to eliminate agitation stall using high-density material. Innovative anti-splash lids with automatic safety shut-offs protect your crew from hot sealant splashes.
- The versatility to simultaneously melt and prepare Mastic One, Matrix, and TechCrete to repair wide cracks and distresses in bituminous and PCC pavements.



▶ Weiler: P385C Paver

Weiler's P385C paver continues to raise the standard for commercial class pavers with improvements to provide performance, reliability and outstanding mat quality in a wide range of applications. It features a Cat C3.6 Tier 4F/Stage V engine with an increase to 120 hp (90 kw) for unmatched power and performance. The best-in-class undercarriage features a 90 in. (2,286 mm) track length, 68 in. (1,727 mm) of ground contact and a 140 mm track chain pitch provides smooth ride and excellent flotation with automatic track tensioning.

The improved conveyor drive system features a sealed chain case, hydraulic motor with heavy duty bearings and splined shaft for increased reliability. An updated hydraulic system with proportional valving provides variable speed and reversible conveyors and augers. The larger tunnel height allows for lower conveyor speeds without loss of material output. The Weiler designed 3,700 lb (1678 kg) screed features a paving range of 8 ft. to 15 ft., 8 in. (2.2 m to 4.8 m) with industry leading mat quality. The redesigned heating system eliminates GFCI breakers and utilizes insulation monitoring for increased reliability and performance. Three different operating positions allow for optimal visibility and control with the adjustable, magnetic-resistance steering system. Optional screed mounted control panels give additional function control from screed level.

Weiler equipment is sold and serviced exclusively at Cat dealers, readily available for unmatched service and support.



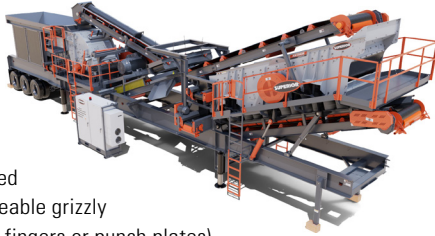
Click on Product Names for More Information >>

✔ **Superior Industries: Portable Sentry HSI Closed Circuit Plant**

The Portable Sentry HSI Closed Circuit Plant for material processing can process recycled concrete, reclaimed asphalt and pit run materials into valuable salable products. From a single feed, owners and operators will be able to produce up to four unique products. The closed circuit crushing and screening arrangement includes a 4250 Superior brand Sentry Horizontal Shaft Impactor (HSI). It is

fed by a 48 x18 Intrepid Vibrating Grizzly Feeder, which is equipped with interchangeable grizzly cassettes (bars, fingers or punch plates) to accommodate multiple applications. Additionally, a 2-deck Anthem Inclined Screen screens up to three material sizes:

- Process recycled concrete, reclaimed asphalt, and pit run into valuable products
- Produce up to four unique products from a single feed
- Recirculating conveyor centralizes feed, which extends life of HSI blow bars
- Rotate universally designed, interchangeable cross conveyors throughout the plant
- Accommodates line power, can be outfitted with a diesel drive genset unit



✔ **Meeker: Patriot-E Electric Hot Oil Heater**

Meeker Equipment has recently released the Patriot-E Electrically heated hot oil heater. This heater is a compliment to the company's hot oil heater product line.

Features of this heater are:

- No emissions. Since the heater is powered by electricity, there are no gaseous emissions coming from the heater.
- SCR Control of electric heat allows heat generated to match the load on the system. This means the heater only provides enough heat to the demand it is seeing. It is not overheating the system.
- PLC Controls allow the heater to operate the way you want it to. Optional phone app allows you to change settings remotely plus operators get notified of heater status.
- Removable Expansion Tank provides way for customers to mount the expansion tank remotely if they so desire.
- Low Expansion Tank Limit, high oil temperature limit and no flow limits provide safety to the heater and to the heat transfer oil.
- High Flow centrifugal pump provides hi velocity flow through the heater assuring good heat transfer of energy into the oil



✔ **Caterpillar: 3D Asphalt Screed Plate System**

The Axenox screed plate design is a significant departure from industry standard. Whereas traditional plates are flat, these plates utilize a three-dimensional, angular design. This added dimension delivers lateral compaction confinement to asphalt material. The kneading action helps aggregate to interlock more efficiently than with flat screeds, increasing mat and joint density along with improving mat smoothness. Densities reaching 91% have been measured behind pavers equipped with the three-dimensional screed plates, so there is less of a chance for material shoving and cracking with the roller. These high densities can reduce the number of passes, lowering compaction cost. At the longitudinal joint, higher densities result in improved material containment during compaction to increase final density.

✔ **LeeBoy: 8520C Electric Paver**

Their very first prototype electric paver. It was created in a collaboration with General Motors (GM) and Powertrain Control Systems (PCS). The new electric machine takes direct aim at the current high demands of the heavy-commercial paving market, combined with the kind of performance that contractors have come to rely on from LeeBoy, the company says it has the ability to meet the future needs of the asphalt industry:

- 150 kW Max Electric Drive Motor and 48 kWh Battery Pack
- 120VAC or 240VAC Onboard Charger; Rapid Charging Available
- Legend HD Screed Variable up to 15 and LeeBoy Proven Hydraulic System
- 9 ton Hopper
- 12" Diameter Quick Change Auger Assemblies
- Heavy Duty Conveyor Chains and Flight Bars



[Click on Product Names for More Information »](#)

▶ **Wacker Neuson: ST27 Compact Track Loader**

Weighing only 7,350 pounds, this machine is easily towable and with a Rated Operating Capacity (ROC) of 1,890 pounds (@35% of tip), it can do more than many of its heavier competitors. The ST27 comes with a 74-horsepower Kohler KDI 2504 turbocharged engine. The compact design, measuring 60-inches wide and under 80-inches in height, makes it a good fit for working in tight spaces with low overhead clearance. The design also maximizes the ROC of 1,890 pounds, while offering best-in-class reach at a dump height of 36.5 inches. This extra reach at max height means it is easier to dump material into the center of a dump box and keeps the loader farther away from the vehicle or trailer being loaded. The vertical lift offers a hinge pin height of 120 inches and dump height of 94.3 inches. A 2-speed standard travel drive that offers an impressive 9.1 miles per hour resulting in faster cycle times. Enhancing the driving experience is a standard auto-shifting two-speed drive system which can be active or disabled based on the application. It automatically senses the operators need to shift. The auto feature engages in and out of the two speeds based on joystick input and eliminates the need for the operator to make manual shifts.



▼ **Volvo: DD25 Electric Compactor**

A zero-emissions solution for small-compaction projects. The battery-electric, double-drum machine has 30% more available power than its diesel counterpart, providing improved on-grade performance and operation at high altitudes where diesel engines lose power. The DD25 Electric battery charges from zero to full in as little as three hours, and an off-board DC fast charger can do the job in 1 hour.

- Operating weight: 6,195 lbs. (for 47.2 in. drum)
- Drum widths: 39.3 in. and 47.2 in.
- Battery: 48-volt, 20 kWh

- Electric drivetrain rating (net): 32.2 hp
- Vibration frequency: 3,300 vpm/55 Hz to 4,000 vpm/67 Hz
- Amplitude: 0.021 in.
- Overall length: 7 ft. 11 in.
- Overall width: 4 ft. 3 in.
- Overall height: 8 ft. 8 in.

- Water tank capacity: 68.7 gal.



▼ **CMI: Magnum Bullet 150 Super-Portable**

The Magnum Bullet series has been designed with many upgrades including high efficiency drying & mixing zone, railroad bearing trunnion roller assemblies, direct drive gear motors, and drum insulation & cladding as standard. Designed with an emphasis on substantially reduced installation time to provide a market leading set up time within 2 days when combined with a portable self-erecting hot mix storage system.

- Field proven counterflow technology
- 30% + RAP with low maintenance costs and a single shell design
- Tuneable performance provided by indexing slingers
- Longest mixing zone in the industry
- Super-Portable, Portable, Relocatable and Stationary configurations
- Magnum "Bullet" Super-Portable series have hydraulic erect systems which provide unrivaled set up times



▶ **Wirtgen: Kleemann Wireless Line Coupling**

Wirtgen Group's Kleemann crushing plants can be coupled with one another using radio technology. The wireless line coupling feature helps prevent overload situations and damage during use. Wireless line coupling is currently available as an option for the following jaw crushers: MOBICAT MC 110(i) EVO2 and MC 120(i) PRO, cone crushers MOBICONE MCO 90(i) EVO2 and MCO 110(i) PRO, as well as the following impact crushers: MOBIREX MR 110(i) EVO2, MR 130(i) EVO2 and MR 130(i) PRO. The crushing process of the Kleemann crushing plants is optimized automatically by the innovative feed control CFS (Continuous Feed System) so that material is conveyed through the machines. At the same time, the filling level of the plant's crushing chamber is monitored. When the filling level reaches a height that can be defined in advance, the material feed of the machine is adjusted.



Click on Product Names for More Information »



**Command
Alkon**

▶ **Command Alkon: Apex Scale Watcher Cloud**

With Scale Watcher Cloud, on-prem data is shifted to a web-based portal providing visual displays of important site events that is updated in real time, enabling Plant Managers to identify and fix bottlenecks. Scale Watcher Cloud is readily available and can be purchased as a standalone solution. Capture ironclad proof of vehicle weighing and ticketing without signatures using Apex's integrated Scale Watcher functionality.

Complete accounting of any incident.

- Record single images or full video footage
- Compatible with Apex scale ticket software
- Ticket Information Superimposed on Images
- Easy retrieval of photos by ticket number
- Ticket information stored on video
- Ticket information can be moved to central office
- Apex data replication
- Ability to print or email photos to customers dashboards & reporting
- Dashboards & Reporting
- Web portal for viewing truck transactions
- Real-time efficiency reports
- AI-based anomaly reports to identify safety



▶ **HAMM: Pneumatic-tire HP 100i**

The new HP 100i pneumatic-tire roller is optimally equipped for the requirements of chipseal. For optimum visibility, the seat operating unit can be rotated 90° to the left and right. In addition, there is a good view of the tire edges from the cab. For operation on public roads, HAMM offers a lighting package that is adapted to national specifications. Intelligent driving control and safe steering. The working speed of the roller can be steplessly increased up to 11.8 mph (19 km/h), while an intelligent travel control system supports smooth and precise reversing behind the paver. Anti-slip control (ASC) is also available as an option for improved traction. Thanks to a steering angle sensor and the associated speed control depending on the steering angle, the speed is automatically reduced during fast cornering. The operator can then conveniently return to the preset speed at any time via a rocker switch on the driving lever. The HAMMTRONIC machine control system also guarantees energy efficiency in the on-board load management. It reduces the engine speeds in such a way that maximum power is always called up while fuel consumption remains low. The optionally available engine stop system, which automatically shuts down the engine during prolonged inactivity, also ensures low fuel consumption and low operating hours. For maintenance, all service points are quickly and easily accessible. The scrapers on the pneumatic tires are also easy to change. HAMM has developed an innovative solution for changing the center tire. This can be quickly replaced via a folding and sliding mechanism without dismantling the other tires.

▶ **Dynapac: SD2500CS PROTAC**

The PROTAC brings two processes together in one machine: paving and spraying. Everything is seamlessly integrated into the system and easily activated. The sliding bar concept with symmetric hoses ensures a uniform emulsion mat. The emulsion is heated up in a gentle and efficient way for the highest quality. From 100l up to 2100l.

Designed for two application areas.

The first is for the application of thin asphalt surface layers. The second is for road repair, as well as for new road construction and everyday asphalt tasks. The use of thin asphalt surface layers, especially for maintenance construction, is ideal for weathered, but intact substrates.

Thanks to the sealing via a binder film, it provides a permanent protection layer against moisture as well as offering more grip. The SD2500CS PROTAC sprays emulsion and applies asphalt in a single operation. In doing so, it increases operational efficiency while saving resources. What's more, the road can also be opened faster.

Additionally, numerous measurements have confirmed that DSH-V surfaces have a noise reduction potential of about 5 dB(A).

- Stay safe with great overview
- Extend your paving season with the Dynapac THE screed
- The PROTAC can spray 200g/m² with a uniform and even spray pattern
- Spray up to 6.5m wide roads – stepless
- The slidable spray bars automatically follow the screed movement



▶ **SANY: SMG200AWD**

Standard features:

- 8.9L Cummins engine
- 14 ft. blades
- Front auxiliary hydraulics
- Transmission and rear brake line guards
- Wet disc brakes for improved handling with all-wheel drive
- Low-maintenance circle bearing
- Adjustable independent control positions for operators
- AM/FM Radio with Bluetooth capabilities
- Multifunctional LCD
- FOPS- and ROPS-certified cab



Click on Product Names for More Information »

▼ Etnyre: BIG ChipSpreader

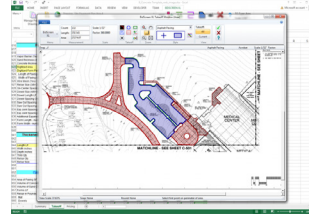
The variable width hopper hydraulically extends and retracts while spreading to cover the entire road and shoulder in one pass. Width is adjusted with a switch. Controls are located at both the driver's seat and in a mobile control panel located at the right front station. Two independent spread hoppers. Width is variable on the left side, right side, or both sides at once. The hoppers retract with the flip of a switch. Ready for transport only seconds after finishing a job. No need to empty hoppers or remove parts. Available in four sizes: 9/18' System, spreads 1' to 18' 10/20' System, spreads 1' to 20' 11/22' System, spreads 1' to 22' 12/24' System, spreads 1' to 24' Variable Width spread hopper

- 4 wheel drive
- 310 HP Cummins QSB
- 30" conveyor belts
- 5" gate openings
- Front hopper raise and lower system standard
- 14" auger
- 425/65R22.5-L tires



▶ Vertigraph: BidScreen XL

Gives you the power to takeoff your electronic plans directly in Microsoft Excel. BidScreen XL provides an outstanding audit trail while automating and speeding up the time consuming takeoff process. Takeoffs are a snap, just click on a spreadsheet cell and measure and identify areas, lengths and counts from your digital drawing files.



- Measure on-screen from PDF, DWG, DXF, TIF and other types
- Works with PDF and DWG vector files; isolate layers and snap to the object to obtain exact measurements
- Use with any Excel workbook; no exporting data to Excel; the takeoff is made directly in Excel
- Work with the original drawing file; no conversions required
- Open multiple quantity takeoff files or multiple pages
- Takeoff volumes from cross-sections by simply measuring the cut and fill areas for each station
- Accurately and easily measure cross sections that have different vertical and horizontal scales
- Edit measurement by adding, deleting and moving points
- Round length measurements to a specified value
- Drawing Manager feature clearly organizes, annotates and describes the drawings
- Store info to the cloud by saving the files to any cloud drive

▶ Leica: GS18 T Rover

The GNSS RTK, Leica GS18 T, is the world's fastest and easiest-to-use rover for road construction work. Save up to 20% of labor costs over conventional surveying practices by eliminating wasted time that results from needing to vertically level the pole.

The GS18 T is the first true tilt compensations solution that is immune to magnetic disturbances, calibration-free and that works right out of the box.

This rover from Leica Geosystems is built to provide maximum durability and performance at road construction sites. It boasts 555 channels for more signals, faster acquisition, and improved sensitivity. The unit is IP68-rated, with a working temperature of 40°C to +65°C and features a rugged and lightweight aluminum body.

The GS18 T allows you to avoid time-consuming auxiliary methods with true tilt compensated surveying. You will stake out more efficiently and conveniently than ever before with increased speed, safety, and comfort.



▶ Trimble: Siteworks Machine Guidance Module

Trimble introduced the Trimble Siteworks Machine Guidance Module, extending the capabilities of Trimble Siteworks Software from surveying and layout to support on-machine excavator guidance and operator assistance. With the addition of the new software module, contractors can use the same rugged Site Positioning Systems hardware and software to perform a variety of tasks on the job site, including surveying, machine guidance, in-field design and reporting. Designed specifically for small site and utility contractors, the Siteworks Machine Guidance module gives users the ability to move the system between multiple excavators and jobsites as an accessible and entry-level combination machine guidance and construction surveying solution. Current Siteworks users can utilize their existing technology on-machine quickly and easily, with the addition of a simple-to-install machine kit and the software module.

ASPHALT CONTRACTOR

[FORCONSTRUCTIONPROS.COM/ASPHALT](https://forconstructionpros.com/asphalt)

Follow us on:



AC Business Media is a leading business-to-business media and business intelligence company with a portfolio of renowned brands in heavy construction, asphalt, concrete, paving, rental, sustainability, landscape, manufacturing, logistics and supply chain markets. AC Business Media delivers relevant, cutting-edge content to its audiences through its industry-leading digital properties, trade shows, videos, magazines, webinars and newsletters. It also provides advertisers the analytics, data and ability to reach their target audience.

