Trimble Mediaroom

Trimble Drives Construction Productivity with Expansion of Earthworks Portfolio

Trimble Earthworks adds new dynamic swing boom capabilities, support for more machine types

WESTMINSTER, Colo., March 3, 2026 — Trimble today announced two important updates to its Trimble® Earthworks grade control platform: new availability for more machine types and added functionality for excavators equipped with dynamic swing booms. These enhancements further extend the availability of Trimble Earthworks for jobsites worldwide, delivering proven productivity improvements, streamlining earthmoving workflows and enabling construction companies to scale operations.

“Trimble Earthworks has been changing the way civil construction work gets done since we first introduced the technology at ConExpo 2017,” said Elwyn McLachlan, vice president, product and strategy, civil construction at Trimble. “Nine years later, we continue to unlock new ways for customers to take advantage of Trimble technology on the jobsites. Offering more machine types and new functionality continues to extend the capabilities of Trimble Earthworks to better meet the needs of civil contractors so that, regardless of your machine type or the size of your jobsite, you can take advantage of Earthworks to increase productivity, safety and precision.”

New swing boom functionality

Trimble Earthworks is now available for excavators equipped with swing boom attachments, allowing operators to work more efficiently and with greater accuracy in tight spaces.

“All types of mini excavators are commonly configured with dynamic swing booms, which further increases the versatility of an excavator on projects like underground utilities, sidewalks, curb and gutter, and on work near existing permanent infrastructure,” said Cameron Clark, senior director, earthmoving technology at Trimble. “Customers around the world have requested a machine control solution that provides the precise location of the bucket edge when using a swing boom.”

This solution will be available via Trimble’s global dealer network in May 2026.

New machine types

In response to customer demand, Trimble Earthworks is expanding support for towed and wheeled tractor scrapers, enabling operators to use machine control technology to optimize cutting and loading performance, for more accurate material placement across the jobsite

Simplifying installation and improving system robustness, direct connect support is now available for select John Deere and Mobile Track Solutions towed scrapers without the addition of a Trimble hydraulic valve.

Additionally, Trimble Earthworks is now available across several new machine makes and models, including an expanded portfolio of automated excavators, motor graders and dozers, making machine control more accessible than ever for mixed fleets.

Availability

Contact your local Trimble reseller for more information about the availability of all Trimble Earthworks integrations and enhancements or visit https://civilconstruction.trimble.com/en/products/machine-control-and-guidance/trimble-earthworks. ConExpo attendees can visit Trimble in booth W40420 in the west hall to learn more.

About Trimble

Trimble is a global technology company that connects the physical and digital worlds, transforming the ways work gets done. With relentless innovation in precise positioning, modeling and data analytics, Trimble enables essential industries including construction, geospatial and transportation. Whether it's helping customers build and maintain infrastructure, design and construct buildings, optimize global supply chains or map the world, Trimble is at the forefront, driving productivity and progress. For more information about Trimble, visit: www.trimble.com.

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