

Trimble and Vermeer Announce Trimble Ready Option for New Vermeer SM55 Surface Miner

Trimble Earthworks 3D functionality extends the versatility of Vermeer's smaller, more nimble surface miner to enhance productivity and improve worker safety

WESTMINSTER, Colo., March 4, 2026— [Trimble](#) today announced a Trimble Ready® 3D option for the new fully remote-operated Vermeer SM55 surface miner. The Trimble Earthworks 3D option will significantly enhance the accuracy and productivity of the SM55 for operators working in rugged environments including aggregates, limestone production and roadbuilding in rocky terrain.

Trimble Earthworks features intuitive, easy-to-learn software that runs on an Android operating system and gives equipment operators of all skill levels the ability to work faster and more productively. Now, operators of the new Vermeer SM55 surface miner can use Trimble Earthworks "autos" mode feature to control the lift and tilt of the cutting head according to the project plan, all while operating the machine via remote control.



"The new Vermeer SM55 is smaller, easier to transport and an overall more versatile addition to the Vermeer line of surface miners, and the ability to quickly and easily add Trimble Earthworks' 3D option in the aftermarket further extends that versatility," said Scott Crozier, vice president, civil construction at Trimble. "Now, 3D models can be loaded remotely. In turn, the technology automatically steers the machine and controls the ground implement according to the plan, all without a cab or a person on the machine."

Trimble Earthworks compatibility with the smaller surface miner also means operators can rip through hard material and get to grade with just one machine, a task that otherwise requires at least two pieces of equipment. The ability to automatically control both the machine and the cutting head also means operators of all skill levels can reach surface specifications accurately, easily and without the risk of overlapping the cut.

"Our surface mining customers are looking for a consistent product size at maximum productivity. When using Trimble Earthworks, they can get a consistent cutting depth pass after pass, which allows our machines to work at maximum efficiency. Our customers are also taking advantage of the technology by sloping pits to manage water, following different qualities of ore to maximize their end product and creating a smooth working surface that is easier on which to load and work. When combined with automatic steering, you now have consistent overlap day or night, which is a big assistance to operators," said Tyler Sikora, product manager at Vermeer. "By automating tasks and moving the operator away from the machine we have created a more safe and comfortable experience, which has been a high priority for this project."

Availability

Trimble® Earthworks 3D aftermarket upgrades are available through Trimble's global dealer network. For more information, visit <https://civilconstruction.trimble.com/en/products/machine-control-and-guidance/trimble-earthworks>.

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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