



MILLIMETER GPS

3D PRECISION PAVING SOLUTIONS





Precision Paving, Delivered Automatically

- High-accuracy grade reference covers entire project
- Precise vertical measurement for multiple machines and grade checkers
- Use up to four transmitters to extend work area
- Pave transitions, even through horizontal and vertical curves
- Works with existing Topcon GNSS systems

The Topcon Millimeter GPS® paver system combines field-proven GNSS positioning technology with the rugged, high-accuracy Millimeter GPS instruments and sensors. The versatile GX-60 control box is the operators interface to the Millimeter GPS paver system and is conveniently mounted in a location ideal for quick and easy access while on the move. Through the control box, graphical 3D-MC software provides the precise machine position on the job, sensor status, screed elevation, and steering control – all critical data needed to successfully automate a concrete paver.

Free from stringlines

The Topcon Millimeter GPS paver system is the world's first GPS-based millimeter accurate control for concrete pavers. The revolutionary Lazer Zone® technology-based Millimeter GPS uses satellite positioning together with a zone laser reference to give you unparalleled freedom and productivity.

The Topcon PZS-MC Positioning Zone Laser Receiver with an integrated GNSS antenna is mounted to the left and right side of the paver – both receivers constantly decoding the LazerZone signal for millimeter vertical control. Other components on the paver include the Topcon MC-R3 GNSS receiver containing the latest GNSS tracking technology as well as an integrated radio and cellular communications for RTK corrections.

Lazer Zone®

Unlike a standard rotating laser that only works in a flat plane, the LZ-T5 transmits a Lazer Zone signal 33 ft. in height. This unique vertical zone keeps you productive – eliminating the need to constantly reposition your instrument or receivers. For sites with significant elevations or large areas, up to four LZ-T5 Lazer Zone transmitters can be linked to cover a larger area and elevation change of more than 132 ft.



For more information:
topconpositioning.com/mmgps

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