

Topcon RD-M2

Road Surface Scanner



3D Road
Data Collection

Learn more at topconpositioning.com



Vehicle mounted road scanner, built for speed

Smart start to a better road

For most road resurfacing, creating a perfect cost estimate is a challenge. A detailed representation of the existing surface conditions allows you to discuss the amount of material to be milled or paved for any given road section - so that the contractor will complete the job on time and on budget.

Data collection in the fast lane

The RD-M2 scanner was purpose-built for road resurfacing applications to deliver precise surface conditions over long and complex roadways. These first steps allow you to conquer paving and milling projects by knowing the conditions before you begin - saving you time and money.

Complete your paving or milling solution

3D point data from the RD-M2 scanner serves as the basis for detailed road surface designs using our unique MAGNET Office Suite. These ground truth surfaces are a part of our SmoothRide™ system workflow - ready to guide automated milling and paving machines.

Seamless Flexibility in Design

Take advantage of our intuitive workflow to create your own custom design from the scan or integrate a predefined template. You can align the scan to the local coordinate system with millimeter-level precision, providing you with complete flexibility for road resurfacing projects.

- » Downward-facing laser scanner for optimal road surface definition
- » Flow with traffic - no lane closures needed
- » Collect millions of points safely from your vehicle
- » Record all major satellite constellations
- » Easy installation and removal for daily use
- » Intuitive data collection and processing software



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