Trimble Roadworks

# Paving Control Platform

## for Asphalt Compactors

Trimble

# Control Your Compaction

## Get rolling with Trimble.

Ask for the next generation of machine control.
From the company that invented machine control.

**Trimble® Roadworks Paving Control Platform for Asphalt Compactors** is the next generation 3D paving control system designed to help operators of all levels improve the speed, accuracy and ease of asphalt compaction.

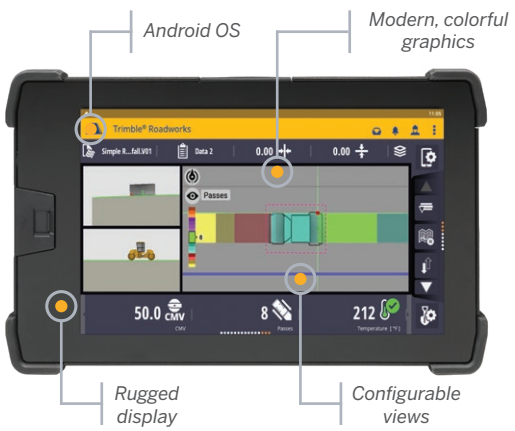
The intuitive Android™ interface on a large, friendly touch screen enables you to easily view real time temperature mapping, compaction progress, pass counts and optional display and recording of the compacted asphalt stiffness.

For asphalt and hot mix asphalt compaction applications, Trimble Roadworks is ideal for operations where the specification calls for a target density, pass count and asphalt temperature control such as highway and railway construction, residential pads, commercial site construction, parking lots and sports fields.

### Intuitive software, rugged hardware

Roadworks software is an Android-based application. It runs on the 10-inch (25.4 cm) Trimble TD520 Display or the 7-inch (17.8 cm) Trimble TD510 Display, both powerful and rugged touch-screens designed for the field. Colorful graphics, natural interactions and gestures, and self-discovery features make Roadworks easy to learn. Each operator can personalize the interface to match their workflow and a variety of configurable views make it easier to see the right perspective for maximum productivity.

The software features the same user interface as existing Roadworks applications, shortening the training time for operators familiar with the platform. Having all machines on the same Trimble platform allows for better fleet management, faster operator training and simpler data management.



## Intelligent compaction

Roadworks enables contractors to accurately control the compaction process, while reducing unnecessary passes that result in over compaction. The system achieves compaction target faster, more accurately and with less rework.

- Compact surface material to the desired compaction stiffness target and monitor site volumes simultaneously, in real time
- Ensure optimal compaction per the target temperature range, reducing rework and material waste with real-time temperature map monitoring
- Achieve increased durability, stability and load-bearing capacity
- Easily meet Department of Transportation (DOT) or private job specifications

## Actionable data

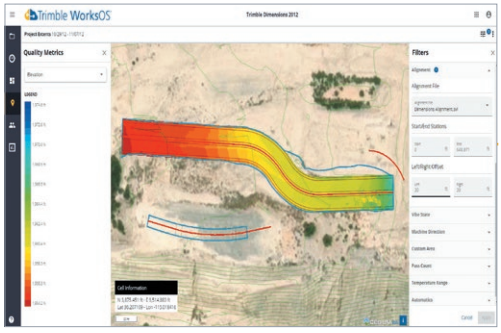
Supervisors and quality managers can monitor compaction activities in real-time, and operators can immediately identify the areas that require further compaction. Office-only licenses offer extended functionality.

- Collect and document comprehensive, real-time compaction data to improve layer management
- Analyze data in the office to generate detailed reports and documentation to meet project specifications
- Continuously monitor pass counts and compaction measurement values (CMV) over the entire area to take corrective action as needed
- Improve testing success, reduce rework, operator hours and lower ongoing machine maintenance costs
- Reduce over-compaction to optimize fuel use and machine time
- Better understand work previously completed versus work completed that day
- Field data files can be directly imported into the Veta software platform to increase work opportunities and to gain a competitive advantage at the bidding process

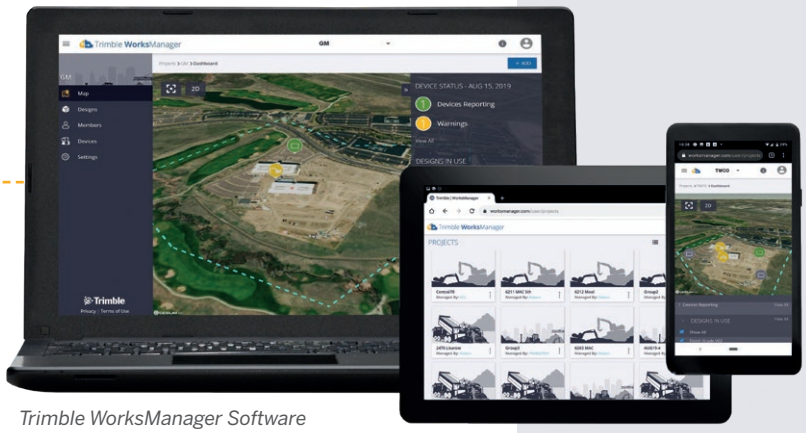
## Office-to-field connectivity

Reduce waste and overruns with efficient communication and data transfer with Trimble WorksManager Software and Trimble WorksOS Software—mobile-friendly software that easily manages data and technology assets across jobsites.

With the Trimble SNM941 Connected Site® Gateway, transfer 3D designs from the office to the machine wirelessly and automatically so that the operator is always using the latest design. Productivity data collected from the machine can automatically sync back to the office.



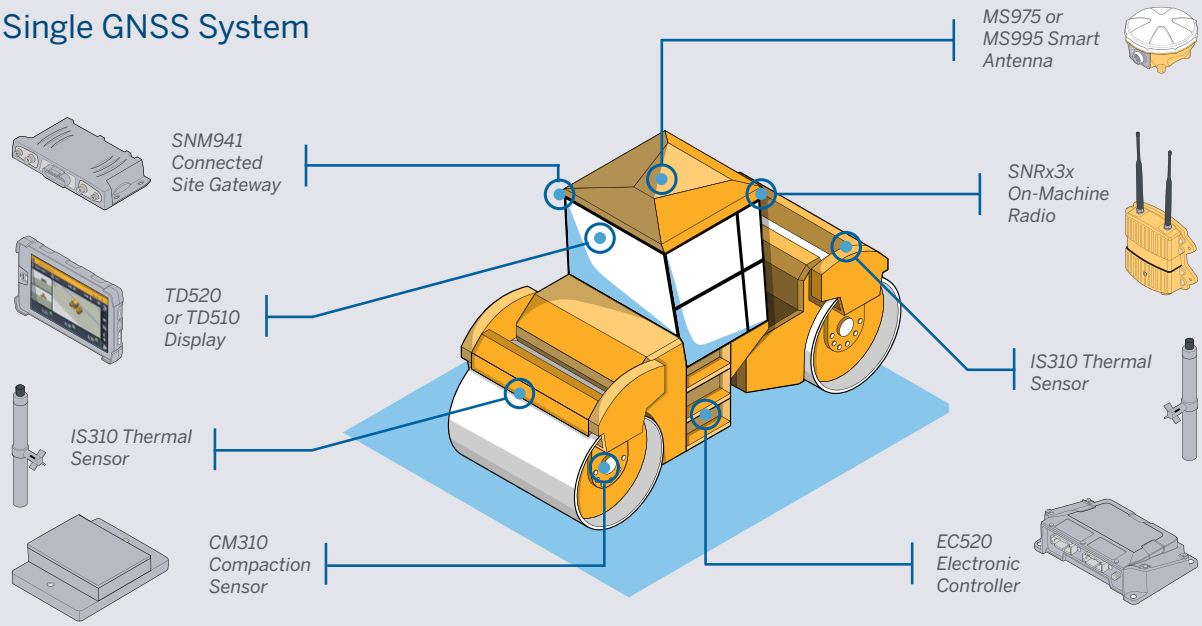

*Trimble WorksOS Software*




*Trimble WorksManager Software*

# Trimble Roadworks:
# Asphalt Compactor Configurations

## Single GNSS System




## Universal Total Station System