

TRIMBLE ROADWORKS

PAVING CONTROL PLATFORM FOR ASPHALT COMPACTORS

Trimble Roadworks Paving Control Platform for Asphalt Compactors is the next generation Intelligent Asphalt Compaction (IC) 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 density.

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.



INTELLIGENT COMPACTION

The asphalt compactor is the last machine to pass over your paving project, and mistakes during this phase can be very costly to fix.

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 density and monitor site volumes simultaneously, in real time
- Ensure optimal compaction within the target temperature range, avoiding under and/or over compaction with real-time temperature map monitoring
- Achieve increased durability, stability and load-bearing capacity
- Easily meet Department of Transportation (DOT) or private job specifications



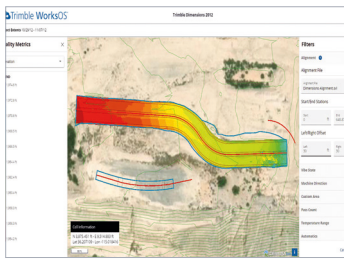
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ACTIONABLE DATA

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
- Analyse 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 optimise fuel use and machine time



Trimble WorksOS Software

- 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

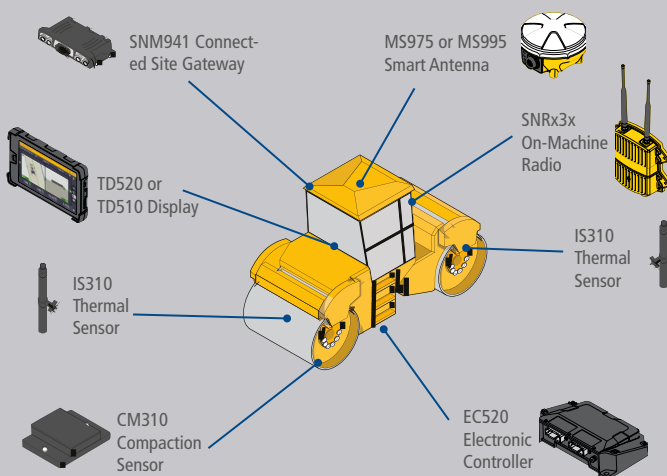
Reduce waste and overruns with efficient communication and data transfer with Trimble WorksManager and Trimble WorksOS—mobile-friendly software that easily manages data and technology assets across job sites.

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 WorksManager Software

SINGLE GNSS SYSTEM



UNIVERSAL TOTAL STATION SYSTEM

