

Intelligent Compaction System

C-63



Indispensable for asphalt and material compaction

Compaction and Tracking System

C-63

Beyond simple pass count

Through secure connectivity to the global Sitelink3D service, each roller or compactor not only performs tasks faster, but becomes part of the overall project like never before. Our interactive 3D-MC software with Sitelink3D, accurate temperature sensor and accelerometer provide you with the tools needed for FHWA and other regulatory intelligent compaction standards.

Multiple rollers

In asphalt paving, it is very likely that there are multiple rollers working together when compacting a road or parking lot. For accurate compaction, it is crucial for each operator to be able to see not only their own passes, but those made by other machines. The C-63 intelligent compaction system from Topcon allows this to happen, ensuring proper compaction from each machine – turning compaction into teamwork.

Real-time quality control

Our C-63 system gives you the best in real-time quality control. No more guessing about the right number of passes, mix temperature or stiffness. Topcon's integrated system actively displays pass counts, ICMV values, and mix temperatures as you pave. This data is continuously updated through the Sitelink3D status page where real-time progress is displayed and saved for future reporting. The C-63 keeps you in control without even being on the site, manage errors before they happen and fix problems remotely.

Accurate pass count display

Secure connectivity to Sitelink3D services

Synchronized mapping with customized reporting

Meets FHWA intelligent compaction standards

Ruggedized temperature and accelerometer sensors





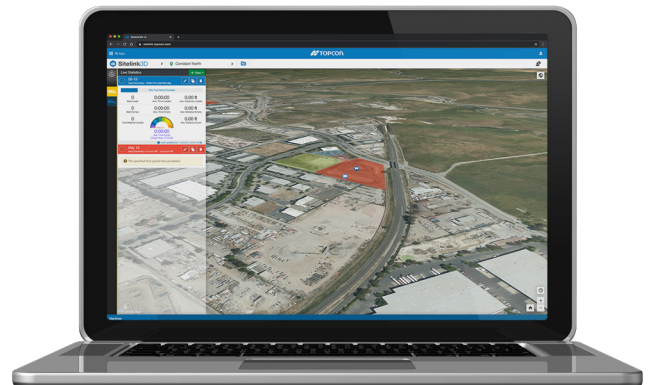
- 1 GNSS Antenna
- 2 Cellular Antenna
- 3 Touch Screen Display
- 4 Control Box
- 5 Temperature Sensor (HMA kit only)
- 6 Accelerometer

Available in two configurations

The C-63 system is available for both asphalt and soil applications – each conveniently outfitted to provide you with the tools needed for the job. Never before has construction layout been so powerfully simple.

Sitelink3D™

Using Sitelink3D, project data is available to every project stakeholder, all the time. Operators, field supervisors and project supervisors back in the office have full visibility to all project data, updated in real time. This allows you to maximize efficiency on the job.



Components



GX-55

Highest quality graphical interface experience for modern machine control. Designed to handle rugged field conditions as well as harness powerful processing power needed to instantly display real time position and project design information.



MC-i4

This feature-rich control box is easy to install inside the machine preventing damage and comes Sitelink3D enabled to deliver data instantly from anywhere cellular service is available.



PG-S1

The lightweight and robust PG-S1 is an advanced GNSS antenna providing excellent tracking performance for all compaction applications.



Accelerometer

Senses real-time drum and ground vibration to automatically calculate stiffness and density compaction values. Operating at common frequencies to deliver the highest quality data instantly.



Temperature Sensor

Real-time asphalt temperature readings with front and rear sensors for accurate system reporting. Small and compact design for easy installation and handling.



Specifications subject to change without notice.
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