



Volvo Construction Equipment

PAVE ASSIST

Powered by Volvo Co-Pilot



Volvo Co-Pilot: your on-site partner

Produce higher quality outcomes, in less time and with less effort thanks to Volvo Co-Pilot. Developed in-house, the factory-installed computer and display are designed for use on Volvo machines ranging from excavators to pavers, delivering a new generation of smart services and solutions to optimize efficiency across any application.



Make light of heavy-duty jobs with Pave Assist, powered by Volvo Co-Pilot, the revolutionary onboard computer and display. With full access to a powerful set of work enhancing tools, Pave Assist not only saves you time and money but also gives you the key to unlock first class paving results.

We have developed a user-friendly solution that greatly facilitates paving, propelling the profitability of your operations. Pave Assist provides real-time insight into the operation so that you can monitor the progress and output of your work autonomously and confidently. Additionally, the data can be stored in the Cloud and accessed remotely, allowing complete paving management.



MATERIAL MANAGER

How much time do you spend measuring and documenting your work?

Say goodbye to hours of measurements and manual documentation with live, on-board information and automated reports. Material Manager offers useful calculations such as distance and tonnage paved, paved area and CO2 emissions. By recording the volume of delivered asphalt and the amount of road paved, you can identify the machine's throughput efficiency and build a record for future projects.



THERMAL PROFILING

Do you know what is going on behind the paver?

Thermal variation is one of the major issues affecting the longevity of pavement. Thermal Profiling monitors and records temperature fluctuation in the paved asphalt mix behind the screed. By proactively evaluating the thermal quality, you can swiftly identify and correct process issues to achieve uniformity in the mix temperature for high-quality, long-lasting pavement surface.



WEATHER VIEW

Are you set for sudden weather changes?

Being prepared for shifts in the weather helps you plan ahead. Illustrated by an easy-to-understand timeline, Weather View informs you of current and upcoming weather conditions and connects you to high-quality forecasting services. With the most up-to-date information at your fingertips, you can adapt more efficiently and keep operations on track – rain or shine.

Simple as that!

Pave Assist makes your life easier. Tap, zoom, and select tools just as you would on your mobile tablet or smartphone to access the smart solution.

Ease of use

Clarify complex data and calculations with a few taps, thanks to Pave Assist, designed with simplicity in mind.

The layout you like

Need a quick overview? Split the screen to check all information at a glance.

Need a closer look? Select full screen to focus on a single tool, enlarged for a clear view.

Get set and go in seconds

Adding license plates to trucks and inputting data has never been easier.

Volvo Smart View

The various camera views provided by Volvo Smart View can also be displayed on Volvo Co-Pilot. The optional feature enables screed operators to observe all surrounding areas as seen by the paver operator, further enhancing site safety.



Packages to suit your needs

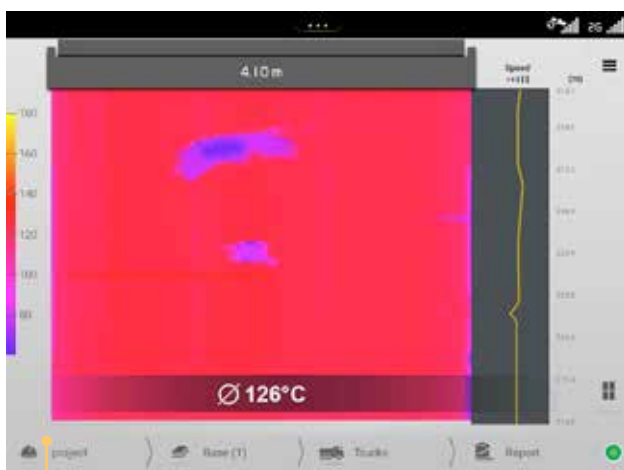
Pave Assist is available in two packages:

Basic version - consists of Material Manager and Weather View functionalities.

Advanced version - includes Thermal Mapping as an option, in addition to the basic version.

Volvo Smart View is an optional feature not included in the above packages and is to be ordered separately.

Basic version



Thermal Mapping



Volvo Smart View

VOLVO

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