

Volvo Construction Equipment  
Building Tomorrow



# HAUL ASSIST

Powered by Volvo Co-Pilot





# DRIVE SITE EFFICIENCY

Optimize your haul cycles with Haul Assist, powered by Volvo Co-Pilot – the revolutionary on-board display. Gain access to a set of smart apps and boost the efficiency of your operation.



# ON-BOARD WEIGHING

## Take control of your productivity

When it comes to loading and hauling the optimum amount of material, intuition can only get you so far. What if you're not moving enough material, or moving too much? Are you putting unwanted strain on the machine? Get the answers you need with On-Board Weighing. The intelligent system is integrated within Volvo Co-Pilot and provides enhanced information to help you hit your targets every time.



### Hit your targets

Whether you are checking the payload or tracking key performance indicators, On-Board Weighing is the ideal solution. The intuitive system monitors the amount of material moved, providing useful data and real-time insights on the productivity of your articulated hauler.

### Optimize your haul cycles

On-Board Weighing helps to ensure every hauler shifts the optimal payload. Providing superb accuracy, the system can help eliminate under-loading for peak productivity and over-loading for reduced fuel consumption and machine wear. Loading has never been easier with visual indicators which keep the hauler operator and loading unit operator informed of the load at all times.

## MEET YOUR VOLVO CO-PILOT

With a large, easy-to-use layout, the award-winning 10" touchscreen provides a clear visualization of current machine activities.

### Projects

Monitor your production against targets for each project.

### Dump zones

Keep track of all transportation made to different dump areas.

### Material

Monitor all different material types being transported.



### Rear view camera

Choose between split screen and full screen view.

### Productivity view

A variety of productivity indicators are available, with the possibility to add individual targets.

## REPORTING ON DEMAND

Production data is stored in the Volvo Co-Pilot and can be exported over the air to a cloud-based portal, or by using a USB-stick.



You can create a ready-made PDF report and a CSV report, which includes data per cycle.

Reports can be produced manually at any time, and with the scheduling functionality, can be automatically generated on a daily or weekly basis.

# MAP

## Get site visibility

Get accurate machine positioning with Map, a clever app that allows operators to monitor on-site hauler traffic in real-time. Not only does this give operators an improved orientation of the site they are working on, but it allows them to proactively adjust their driving according to traffic conditions.



### Armed with knowledge

Knowing the position of other machines on site can help operators avoid potentially dangerous situations, especially when working on jobsites with restricted visibility. Speed limit notifications further remind operators to keep to a safe speed.

### Efficient driving

Being able to monitor traffic and follow the transportation flow in a work cycle allows operators to better anticipate driving decisions, resulting in a more efficient performance.

## HOW IT WORKS

The hauler's built-in GPS is used for positioning purposes, while the telecom connection on Volvo Co-Pilot enables communication between machines. Map works seamlessly in combination with the On-Board Weighing app.

### Haul roads

Haul roads are shown to assist operators in navigating around the site.

### Load and dump zones

Pre-defined load/dump areas can be specified to trigger certain functionalities, for example activating On-Board Weighing information when entering a specific zone.

### Single lane sections

The operator will be notified if another machine is approaching within a pre-defined single lane section.

### Speed limits

Set speed restrictions for the site and/or specific sections of the site to prevent speeding.



## ENHANCED DATA, BETTER INSIGHTS

With Map you get all the powerful reports and reporting functionality you would expect from On-Board Weighing, plus more.



Map gives the ability to include GPS-coordinate data in your reports, which means you can measure material moved between different location coordinates.



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