

Volvo Construction Equipment
Building Tomorrow



COMPACT ASSIST START

Introductory Intelligent Compaction for Asphalt Compactors



The first step in intelligent compaction

Are you ready to unlock your crew’s potential to achieve the highest quality compaction and improve the consistency of your operation? Volvo’s Compact Assist Start is an easy way to take the first step. Equipped with Volvo’s CoPilot display and designed to provide basic real-time pass mapping and temperature data, Compact Assist Start helps operators get the most out of your compactor.

Compact Assist Start is easily upgraded to the next levels of Compact Assist unlocking even greater access to jobsite productivity.

Three levels of intelligent compaction.

Compact Assist is available in three levels; Compact Assist Start, Compact Assist and Compact Assist with Density Direct.

	Start	Compact Assist	Density Direct
Pass Mapping	x	x	x
Temperature Mapping	x	x	x
Stiffness Mapping (CMV)			x
Density Mapping			x
GPS Antenna (High Accuracy)		x	x
Job data recorded and saved		x	x
Automatic job report creation		x	x
USB and Over-the-air download		x	x
Set up process	No Setup Process, Set target and begin	Short setup process, create job and lift	Short setup process to start working, and calibration to cores required to calibrate density direct



ENTRY LEVEL INTELLIGENT COMPACTION

COMPACT ASSIST START

As easy to use as a smart phone.

LARGE ASPHALT AVAILABILITY

Available on DD110C, DD120C, DD128C and DD140C models.

REAL TIME INFORMATION

Real-time pass and temperature mapping provides the opportunity to see coverage maps on screen to insure 100% pass coverage.

EASY TO USE AND UPGRADE

Simple job set up and easily upgradable to Compact Assist or Compact Assist with Density Direct.

Standard Equipment with Compact Assist Start:

- Rugged CoPilot display
 - Swings down and locks when in use
 - Swings back up and stowed inside FOPS for security
- Front and rear frame-mounted temperature sensors
- Rear drum mounted vibration sensing Inertial Measurement Unit IMU
- Complete harness installation for Compact Assist
- Caretrack satellite antenna



To Upgrade to Compact Assist and Density Direct:

- Upgrading the system can be done through aftermarket, and then downloaded over the air or at the dealer
- All harness's and hardware are included with the Start system, with the exception of the Primary and Secondary High Accuracy GNSS Antennas.



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