



COMPACT

THE CONSISTENCY YOU WANT.



ACHIEVE CONSISTENT, HIGH-QUALITY RESULTS FASTER AND EASIER.

Compaction is one of the most critical steps in the construction and road-building process. Successful projects rely on achieving target compaction to stringent design specifications to ensure structural stability of the finished product.

Cat® Connect COMPACT technologies combine advanced compaction measurement, in-cab guidance and reporting capabilities to help you consistently meet compaction targets faster, more uniformly, and in fewer passes—reducing rework and material costs in both soil and asphalt applications. Whether you need to know when asphalt is at the proper working temperature or when soils have reached optimum stiffness, COMPACT technologies enable you to work more efficiently and get more done—in less time and at a lower cost—than ever before.





MAXIMIZE QUALITY FOR A SMOOTH FINISH DOWN THE ROAD

COMPACT technologies for asphalt compactors display mat temperature in the cab, indicating when and where operators need to work to quickly achieve consistent quality results. The system measures mat temperatures in real time, indicating the approach of tender zones and where the operator can work productively.

MEET SOIL COMPACTION SPECS IN FEWER PASSES

COMPACT technologies for soil compaction give operators the information and instant feedback they need to achieve uniform results with maximum efficiency. Plus, they help to identify hidden soil problems that can affect compaction quality .

Two measurement technology options are available to meet your job needs:

Compaction Meter Value (CMV) is an accelerometer-based system that displays a compaction value that indicates compaction quality. CMV is for smooth drum machines only and works well in granular applications and thick lifts.

Machine Drive Power (MDP) is a Cat exclusive technology that measures rolling resistance—with the vibratory system on or off—and correlates it with soil stiffness. MDP is for smooth and padfoot drums and works well in both cohesive or granular soils.




ENSURE UNIFORMITY, QUALITY AND EFFICIENCY

Soil and asphalt compaction can be monitored using an optional mapping technology. Temperature or compaction measurements are mapped to the precise location the operator is working, providing a real-time view of progress. Mapping data is recorded to document compaction uniformity and job completion, then can be downloaded or transmitted wirelessly to the office via optional LINK technologies. Information can be accessed through VisionLink® from your computer or mobile device for analysis and reporting.

THE CONSISTENCY YOU WANT FROM YOUR EQUIPMENT.

COMPACT technologies are available from the factory or as dealer-installed options.

 COMPACT	FACTORY INSTALLED				DEALER INSTALLED		
	CAT® COMPACTION CONTROL				ACCUGRADE™		
	Temperature Indicate	CMV Indicate	MDP Indicate	GPS Mapping	Temperature Indicate	CMV Indicate	GPS Mapping
VIBRATORY SOIL COMPACTORS		✓	✓	✓		✓	✓
VIBRATORY ASPHALT COMPACTORS	✓			✓	✓	✓	✓
FOUR-DRUM SOIL COMPACTORS			✓				✓
PNEUMATIC TIRE COMPACTORS					✓		✓

CAT® CONNECT



Cat Connect combines technologies and services to boost your jobsite performance. Whether you're running a few pieces of equipment or a big fleet, your Cat dealer can help you put together a package that gives you timely information about your operations, helps you complete jobs faster and lets you achieve the efficiency you want.

It's what we're built to deliver.

BUILT FOR IT.™



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