



Built on the foundation of superb technological capabilities, Hitachi Construction Machinery Camino is committed to providing leading-edge solutions and services to contribute as a reliable partner to the business of customers worldwide.

Hitachi Environmental Vision 2050

Our Environmental Vision envisions a low-carbon society; a resource efficient society; a harmonized society with nature. To achieve such a sustainable society, we have established a set of long-term environmental targets called Hitachi Environmental Innovation 2050.



Before using a machine with a satellite or tele-communication system, please make sure that the satellite or tele-communication system complies with local regulations, safety standards and legal requirements. If not so, please make modifications accordingly.

These specifications are subject to change without notice. Illustrations and photos show the standard models, and may or may not include optional equipment, accessories, and all standard equipment with some differences in color and features. Before using, please read and understand the Operator's Manual for proper operation.



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Lineup of Compaction Equipment



Vibratory Roller

These Vibratory Rollers are available for various compaction works for minor or medium-scale pavement construction. The Hitachi Vibratory Rollers provide unhindered visibility around the drum edge with a low center of gravity design suitable for surface edge compaction.

Combined Roller

ZC35C



Specifications

Model	ZC35C-5	ZC50C-5	
Operating weight	kg	2 875	3 645
Rated engine output	kW/min ⁻¹ (HP/rpm)	18.2 / 2 200 (24.4 / 2 200)	
Centrifugal force	kN (kgf)	23.0 / (2 350)	27.0 / (2 760)
Vibration frequency	Hz (vpm)	55 (3 300)	
Travel speeds, F/R			
Super Low / Low / High	km/h	- / 9 / 12	5 / 8 / 12

ZC50C



Model	ZC35C-5	ZC50C-5	
Gradeability	% (deg.)	47 (25)	
Compaction width	mm	1 200	1 300
Sprinkler tank capacity	L	210	320

Tandem Roller

ZC35T



Specifications

Model	ZC35T-5	ZC50T-5	
Operating weight	kg	3 115	4 105
Rated engine output	kW/min ⁻¹ (HP/rpm)	18.2 / 2 200 (24.4 / 2 200)	
Centrifugal force	kN (kgf)	23.0 / (2 350)	27.0 / (2 760)
Vibration frequency	Hz (vpm)	55 (3 300)	
Travel speeds, F/R			
Super Low / Low / High	km/h	- / 9 / 11	5 / 7 / 11

ZC50T



Model	ZC35T-5	ZC50T-5	
Gradeability	% (deg.)	47 (25)	
Compaction width	mm	1 200	1 300
Sprinkler tank capacity	L	210	320

Pneumatic Tired Roller

The Hitachi Pneumatic Tired Roller provides unhindered visibility, steady and user-friendly operation. Available for various types of jobs from sub base compaction to pavement finishing.

CP220 / ZC220P



Specifications

Model	CP220-3		ZC220P-6		
	Standard	Metal ballast	Standard	Metal ballast	
Operating weight	kg	12 855	14 855	12 855	15 025
Rated engine output	kW/min ⁻¹ (HP/rpm)	69.0 / 2 000 (93.0 / 2 000)		54.6 / 2 200 (74.2 / 2 200)	
Emission Level		U.S. EPA Tier 3		U.S. EPA Tier 4 Final	
Travel speeds, F/R					
Low / High	km/h	10 / 24		10 / 24	

Model	CP220-3		ZC220P-6		
	Standard	Metal ballast	Standard	Metal ballast	
Gradeability	% (deg.)	47 (25)	41 (22)	47 (25)	41 (22)
Compaction width	mm	2 275		2 275	
Sprinkler tank capacity	L	3 700		3 900	

Static Three Wheel Roller

The Static Three Wheel Roller equipped with HST drive provides smooth starts and stops, plus additional features to promote safer and smoother operation. The large steel drums have excellent flatness enabling refined uniform compaction.

CS125 / ZC125M



Specifications

Model	CS125-3	ZC125M-5	
Operating weight	kg	10 155	10 125
Rated engine output	kW/min ⁻¹ (HP/rpm)	53.7 / 2,200 (72.0 / 2,200)	
Emission Level		U.S. EPA Tier 3	
Travel speeds, F/R			
Low / High	km/h	7 / 15	
Static linear pressures			
Front drum	N/cm(kgf/cm)	462 (47.1)	
Rear drum	N/cm(kgf/cm)	443 (45.2)	

Model	CS125-3	ZC125M-5	
Gradeability	% (deg.)	47 (25)	47 (25)
Compaction width	mm	2 100	
Sprinkler tank capacity	L	670	