

CW34

Pneumatic Roller



COMPACTION PERFORMANCE

- 8 tire, 2090 mm (82") compaction width
- Versatile operating weight of 10 to 27 metric tonnes
- Modular ballast system, easily add or remove weight
- Air-on-the-run (optional) automatically adjusts tire pressures

FLEXIBLE BALLAST

- Ballast options: modular and non-modular steel, sand, and water
 - 6.5 mt modular steel
 - 6.1 mt non-modular steel
 - 3 m³ (793 gal) water tight chamber
- Operating range: 10 000 kg - 27 000 kg (22,050 - 59,525 lb)
- Load per wheel of 1.25 to 3.38 metric tonnes

UNMATCHED UPTIME

- ECO-mode: Saves fuel and reduces sound levels
- Large cooling system provides high ambient temperature operation up to 49° C (120° F) under full load
- C4.4 Cat® engine with ACERT™ Technology (2 options)
 - Tier 4 Interim, Stage IIIB 98 kW 131 hp (l), 133.2 hp (m)
 - Tier 3, Stage IIIA Equivalent 96.5 kW 129 hp (l), 131.2 hp (m)
- Machine controller compatible with Cat Electronic Technician

EXCEPTIONAL VISIBILITY AND CONTROL

- Sliding and pivoting operating station rotates 90° to either side for ultimate comfort and control
- Exclusive automotive-type powertrain with continuously variable engine speed, smooth shifting through 3 speed ranges
- Maximum operating speed of 19 km/hr (12 mph) with excellent gradeability
- Customizable LCD operating display and push button controls

CAT® COMPACTION CONTROL

- Infrared temperature sensors (front and rear)
 - Keep operator informed of when optimal temperatures exist for compaction
- Temperature Mapping
 - Record temperatures for data analysis
- Pass-Count Mapping
 - Keeps operator informed of where mat coverage has taken place and the number of passes made



BALLAST OPTIONS



Specifications

Weights

Operating Weights

	kg	Lb	Load per Wheel
Base machine	10 000	22,050	1.25 mt
Water	13 000	28,660	1.62 mt
Wet sand	16 000	35,275	2.00 mt
Modular steel	16 450	36,265	2.05 mt
Modular steel w/water	19 450	42,880	2.43 mt
Modular steel w/wet sand	22 450	49,495	2.80 mt
Modular and non-modular steel	22 550	49,715	2.82 mt
Modular and non-modular steel w/water	24 700	54,450	3.08 mt
Modular and non-modular steel w/wet sand	27 000	59,525	3.38 mt

Engine – Powertrain

Engine Model	Cat® C4.4 w/ACERT™ Technology	
Number of Cylinders	4	
Rated Speed	2200 rpm	
Bore	105 mm	4.13"
Stroke	127 mm	5"
Gross Power: (2 Engine Options)		
Tier 4 Interim, Stage IIIB	98 kW	131 hp (l), 133.2 hp (m)
Tier 3, Stage IIIA Equivalent	96.5 kW	129 hp (l), 131.2 hp (m)
Speed Ranges:		
Low	0 - 6 km/hr	4 mph
Medium	0 - 12 km/hr	7 mph
High	0 - 19 km/hr	12 mph



Cat® Compaction Control

Cat Compaction Control

Maximize density

Ensure complete coverage

Simplify night-time operation

Determine when to start and when to stop rolling based on mat temperature



Modular Ballast

Flexible Ballast

Applications: wear course, binder, lime

Baffled compartments prevent surge, balance weight

Large compartment access

Large drain port



Oscillating Wheels

Oscillating Wheels

Eight, 13/80R x 20 tires

Delivers horizontal and vertical forces

Heat retention covers trap heat, easily store

Air-on-the-run option, automatically increase tire pressures

For more complete information on Cat products, dealer services, and industry solutions, visit us on the web at www.cat.com

Materials and specifications are subject to change without notice. Featured machines in photos may include additional equipment. See your Cat dealer for available options.

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