

CW14

Pneumatic Roller



COMPACTION PERFORMANCE

- Standard 9 wheel, 1740 mm (68") compaction width
- Optional 11 wheel, 2130 mm (84") compaction width
- Versatile operating weight of 4.85 to 17.2 metric tons
- Flexible ballast system, easily add or remove weight
- Oscillating front and rear tires, adjust to uneven surfaces
- Heat retention skirts easily retract for storage

FLEXIBLE BALLAST

- Ballast options: steel, sand, and water
 - 3.82 metric ton (8,432 lb) water
 - 8.05 metric ton (17,758 lb) wet sand
 - 12.31 metric ton (27,156 lb) w/steel, and wet sand
- Operating range: 4885 kg - 17 273 kg (10,770 lb - 38,000 lb)
- Load per wheel of 0.45 to 1.92 metric tons

EXCEPTIONAL VISIBILITY AND CONTROL

- Standard fixed seating with optional pivoting operating station rotates 45° to either side for ultimate comfort and control
- Contoured water tank optimizes forward visibility
- Maximum operating speed of 18 km/hr (11 mph) with excellent gradeability
- Optional traction control system delivers performance

UNMATCHED UPTIME

- C3.4B Cat® engine
 - Power rating of 75 kW (100.6 hp)
 - Meets U.S. EPA Tier 4 engine emission standards
- Water spray system, standard gravity flow with optional pressurized system
- Ground level access to routine service components



Specifications

Weights

Operating weights			Load per Wheel
CW14			
Base machine	4885 kg	10,770 Lb	0.54 mt
Water	8710 kg	19,202 lb	0.96 mt
Wet sand	12 940 kg	28,528 lb	1.44 mt
CW14 w/11 Wheel option			
Base machine	4955 kg	10,924 lb	0.45 mt
Water	8780 kg	19,357 lb	0.80 mt
Wet sand	13 010 kg	26,682 lb	1.19 mt
CW14 w/Heavy Weight option			
Base machine	4955 kg	10,924 lb	0.55 mt
Water	8780 kg	19,357 lb	0.97 mt
Wet sand	13 010 kg	26,682 lb	1.44 mt
w/steel and wet sand	17 273 kg	38,000 lb	1.92 mt

Engine – Powertrain

Engine Model	Cat C3.4B	
Number of Cylinders	4	
Rated Speed	2200 rpm	
Bore	99 mm	3.89"
Stroke	110 mm	4.33"
Gross Power:	75 kW	100.5 hp (I)
Speed Ranges:		
Low	0 - 6 km/hr	4 mph
High	0 - 18 km/hr	11 mph



Flexible Ballast

Flexible Ballast

Applications: wear course, binder, lime

Ballast options include sand, steel, water

Baffled compartments prevent surge, balance weight

Large compartment access

Large drain port



Oscillating Wheels

Oscillating Wheels

Nine or Eleven, 8.5/90 x 15 tires, 7.5 x 15 available in 6, 12 and 14 ply

Delivers horizontal and vertical forces

Heat retention covers trap heat, easily store

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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