



RC80

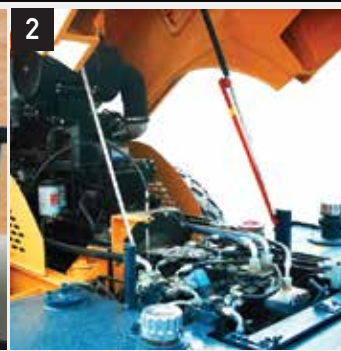
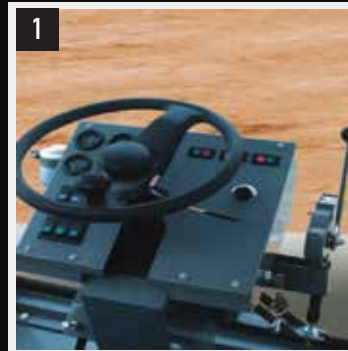
COMPACTORS



Flat-out value proven productivity, reliability, durability.



A machine needs to work to earn its keep. Rhino Equipment Vibratory Soil Compactors are well equipped to perform a wide range of applications. Options like padfoot shell kits, leveling blades and Rhino's dual vibration system add capability, making your Rhino Vibratory Soil Compactor the machine of choice no matter what the application requires.



1. Operating station adjusts to suit operator comfort, and the console provide fingertip access to machine features and operating information.
2. Reliable and durable Cummins engine.
3. Optional Pad foot, Drum Drive System and Pressurized Water Spray System are available.

OPERATING WEIGHT

Machine with Cab Kg (lb)	8,000(17,637)
Weight at the Drum with Cab Kg (lb)	3,900(8,598)
Weight at the Rear Axel with Cab Kg (lb)	4,100(9,039)
Operating Weight with Drum Drive System Kg (lb)	8,200(18,078)
Operating Weight with Drum Drive System and Pad Foot Kg (lb)	9,130(20,128)
Static Linear Load kg/cm (lb/in)	22.6(12.9)

VIBRATORY SYSTEM

Max. Frequency Hz (vpm)	50(3,000)
Nominal Amplitude @ Max. Frequency	0.4(0.02)
Centrifugal Force	
High kN (lbf)	80(17,985)

POWER TRAIN

Engine Make / Model	Cummins 4B3.9-C	Rhino A498BG
Net Power kW (Hp) @ 2,300 rpm	80(107)	42(56)
Displacement L (cu. In)	3.9(238)	3.2(195)
Peak Torque Nm (ft-lb) @ 1,600 rpm	325(240)	195(144)
Emissions (optional)	Tier 2 (Tier 3, Tier 4)	
Fuel System	Direct Injection	
Lubrication	Full-flow spin-on filter	
Aspiration	Turbocharged	Natural
Air Cleaner	Under-hood, dual element dry type	
Fan Drive	Belt driven	
Electrical System	24 Volts with 70 Amp alternator	
Axle	Limited slip with planetary reduction	
Tire	16-24 14 Ply	
Oscillation Angle of Vibration Drum	18 degrees	

TRANSMISSION

Type	Hydrostatic, closed center, constant-meshing gearing
Travel Speed kph (mph)	15.0(9.3)

HYDRAULIC SYSTEM

Pump Type	Piston pump, Variable displacement, Closed Center
System Pressure Mpa (psi)	30(4,351)
Vibration System Pressure Mpa (psi)	14(2,031)
Steering System Pressure Mpa (psi)	10(1,450)

BRAKE SYSTEM

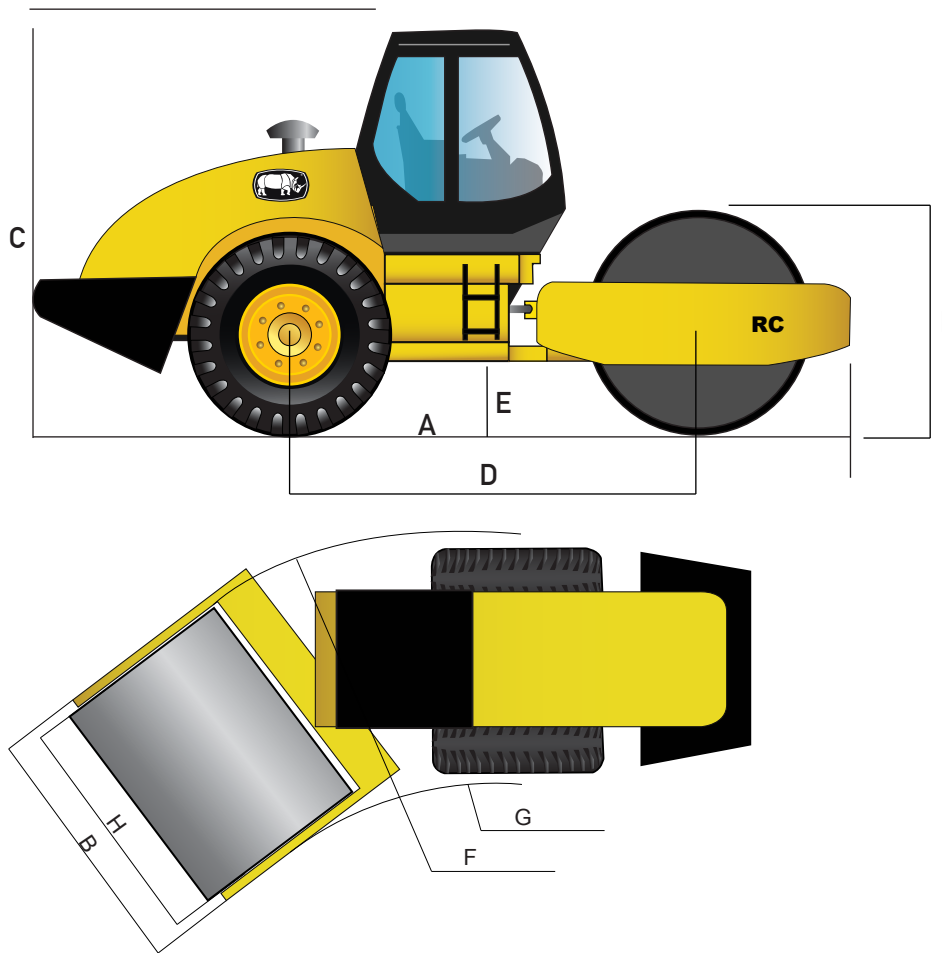
Service Brakes	Pneumatically assisted, hydraulically actuated, two wheels disk brake; Dynamic braking whenever the direction control lever is moved to the neutral position
Parking Brake	Manually activated, disk brake mounted on transmission output shaft

REFILL CAPACITIES L (gal)

Fuel Tank	210(55)
Engine Oil	10(3)
Hydraulic Tank	100(26)
Gear Box	2.2(0.6)
Axle Oil	18(5)
Brake System	1.5(0.4)
Vibration Drum (both sides, each)	7(2)

Compactor operating information is based on machine with identified linkage and standard equipment, standard tires, full fuel tank, and 79-kg (175 lb.) operator. This information is affected by changes in tires, ballast, and different attachments.

Equipment specifications and images may change without notice from Rhino Equipment Group Inc.



MACHINE DIMENSIONS

A Overall Length mm (ft)	5,180(17.0)
B Overall Width mm (ft)	1,920(6.3)
C Max. Machine Height mm (ft)	2,580(8.5)
D Wheelbase mm (ft)	2,750(9.0)
E Ground Clearance mm (ft)	320(1.0)
F Min. Turning Radius mm (ft)	5,000(16.4)
G Articulation Angle	30 degrees
Gradeability	25%

DRUM DIMENSIONS

H Drum Width mm (in)	1,700(66.9)
I Drum Diameter mm (in)	1,220(48.0)
Drum Shell Thickness mm (in)	25(1.0)

OPTIONS

ROPS/FOPS Cab, A/C, Pressurized Water Spray System, Drum Drive System, Pad Foot, Dozer Blade, Tier 3, Tier 4 Engine.

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