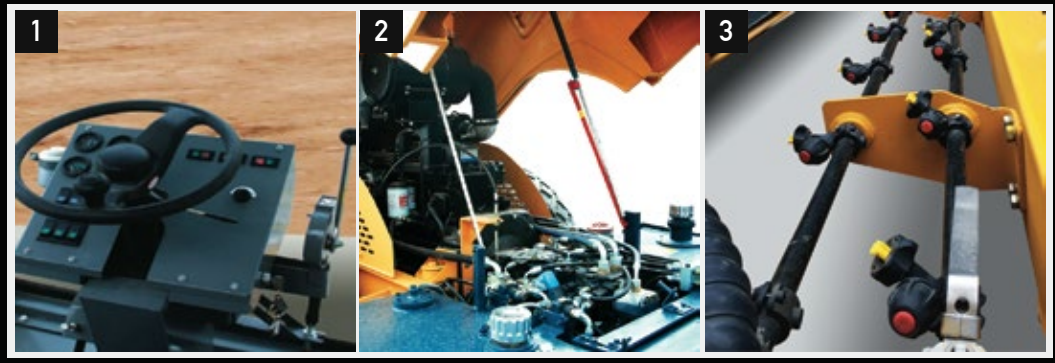
RC30

COMPACTORS

RHINO

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.



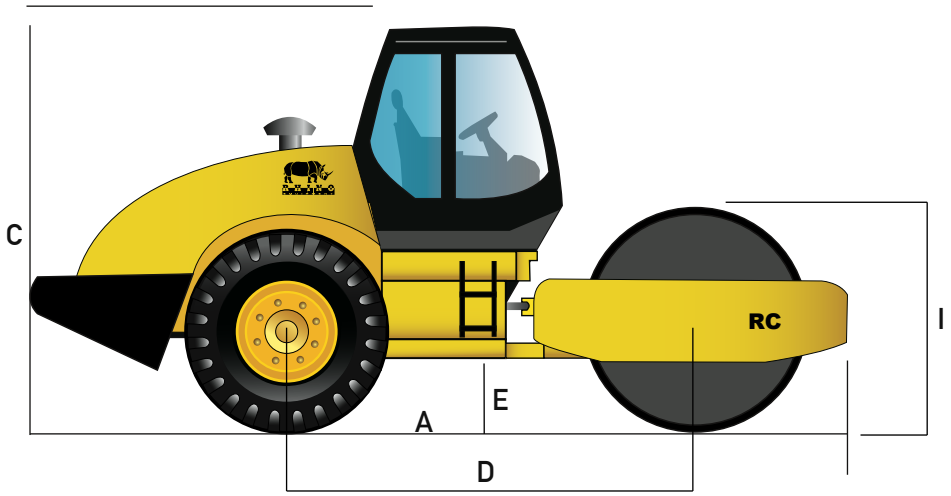
1. Operating station adjusts to suit operator comfort, and the console provide fingertip access to machine features and operating information.
2. Reliable and durable Rhino engine.
3. More coverage, and easier access: That summarizes the water spray system on Rhino Compactors.

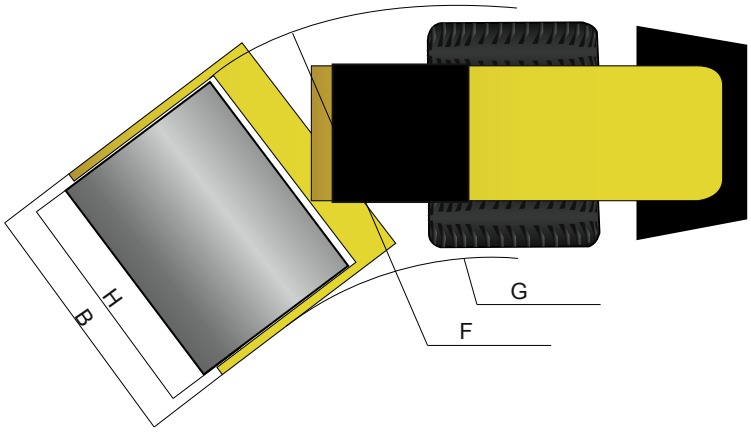
The result is less material pickup, and increased uptime for your crew.

OPERATING WEIGHT	
Machine with Cab Kg (lb)	3,000(6,614)
Weight at the Drum with Canopy Kg (lb)	1,510(3,329)
Weight at the Rear Axel with Canopy Kg (lb)	1,490(3,285)
Static Linear Load kg/cm (lb/in)	11.4(6.5)
VIBRATORY SYSTEM	
Max. Frequency Hz (vpm)	50(3,000)
Nominal Amplitude @ Max. Frequency	
High mm (in)	0.55(0.02)
Centrifugal Force	
High kN (lbf)	32(7,194)
POWER TRAIN	
Engine Make / Model	Rhino ZN390Q
Net Power kW (Hp) @ 2,600 rpm	22(30)
Displacement L (cu. In)	1.8(110)
Peak Torque Nm (ft-lb) @ 1,820 rpm	103(76)
Emissions Rating (optional)	Tier 2 (Tier3, Tier 4)
Fuel System	Direct Injection
Lubrication	Full-flow spin-on filter
Aspiration	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	Hidrostatic, closed center, constant-meshing gearing
Travel Speed kph (mph)	7.3(4.5)

HYDRAULIC SYSTEM	
Pump Type	Piston pump, Variable displacement, Closed Center
System Pressure Mpa (psi)	24(3,481)
Vibration System Pressure Mpa (psi)	10(1,450)
Steering System Pressure Mpa (psi)	6(870)
BRAKE SYSTEM	
Service Brakes	Pneumatically assisted, hydraulically actuaded, 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	80(21)
Engine Oil	4(1)
Hydraulic Tank	95(25)
Gear Box	0.8(0.2)
Axle Oil	5(1)
Brake System	0.5(0.1)
Vibration Drum (both sides, each)	2(1)

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.





MACHINE DIMENSIONS	
A Overall Length mm (ft)	3,505(11.5)
B Overall Width mm (ft)	1,390(4.6)
C Max. Machine Height mm (ft)	2,265(7.4)
D Wheelbase mm (ft)	1,970(6.5)
E Ground Clearance mm (ft)	210(0.7)
F Min. Turning Radius mm (ft)	4,600(15.1)
G Articulation Angle	20 degrees
Gradeability	20%
DRUM DIMENSIONS	
H Drum Width mm (in)	1,200(47.2)
I Drum Diameter mm (in)	800(31.5)
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.