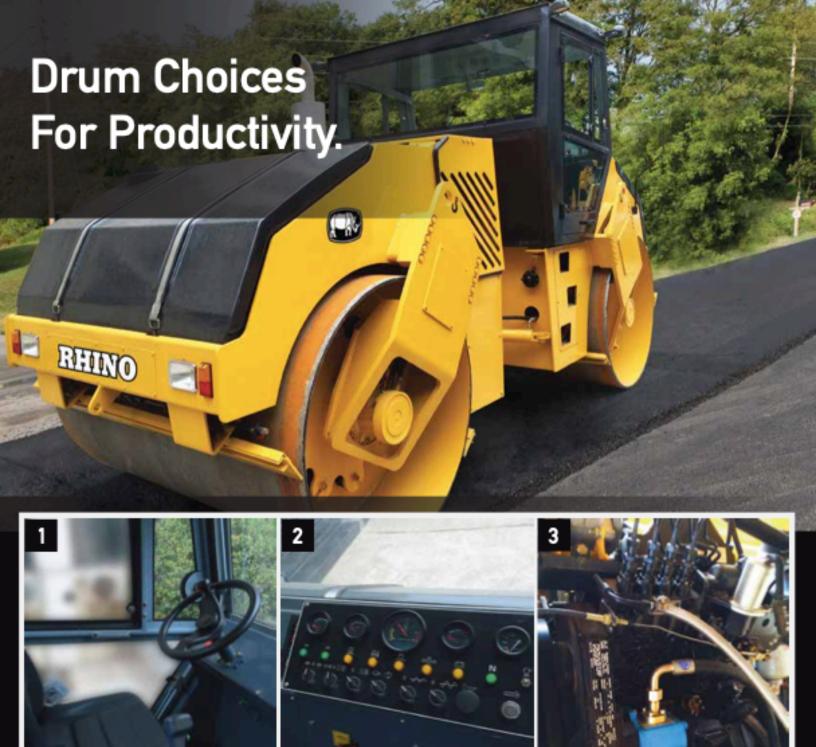


RCT80H

TANDEM VIBRATORY ROLLER



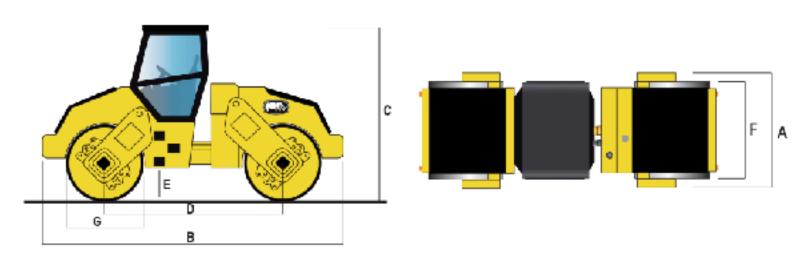


Rhino Double Drum Compactors are manufactured with the highest standards of quality and are suitable for compacting a wide variety of materials like stabilized soil, bituminous concrete, rolling cement concrete (RCC), and many more. These compactors are widely used for huge paving projects like highways, airport runways, dams, municipal roads, industrial grounds, and more...

- The ergonomic, automotive style operator station helps you work comfortably and productively all day long.
- 2. Easy-to-read, high-visibility gauges and warning lamps keep the operator aware of critical system information.
- 3. Reliable and durable Cummins diesel engine, more efficient with low maintenance costs.

Machine with Cab Kg (Lise)	OPERATING WEIGHT	
Static Linear Load kg/cm (lb/in) 21.0 (12) VBRATORY SYSTEM Max. Frequency Hz (vpm) 503,000 Nominal Amplitude © Max. Frequency 40,200 High mm (in) 0,670,003 Low mn (in) 0,530,001 CENTIFIEGAL FORGE Bigh kM (lbf) 180,404,064 Low kN (lbf) 138(31,024) POWER TRAIN Brigh Make/M Model Cummins 4BTA3.9 or Rhino Net Power kW (lbf) © 2,200 rpm 99(125) Sipalacement L (u. ln) 30,233 Emissions (optional) Tite 2 (Tite 3, Tite 4) Lubrication Full-flow spin-on filter Apiration Full-flow spin-on filter Apiration flow Pull-flow spin-on filter Apiration flow Pull-flow spin-on filter Apiration System Apiration flow spin-on filte	Machine with Cab Kg (Lbs)	8,000 (17,637) / 8,900 (19,622)
Max. Frequency Hz (rym)		Optional - 8,900 (19,622)
Max. Frequency Hz (vpm) 50(3,000) Min. Frequency Hz (vpm) 40(2,400) Nominal Amplitude ® Max. Frequency	Static Linear Load kg/cm (lb/	(in) 21.0 (12)
Min. Frequency Hz (nym) 40,240,50 Nominal Amplitude @ Max. Frequency 6,670,00 Live m (m) 6,570,00 CENTRIBUGA FORE 1804,046,00 Bigh kM (lift) 1804,046,00 Live kM (lift) 1804,046,00 Brighe Make/ Model Cummins 4813,04,00 Mac Power KW (High © 2,200 rm) 39,123 Bigliacement L(cit.) 3,923 Brighter L(cit.) 1812 (Tiler 3, Tiler 4) Bigliacement L(cit.) 1812 (Tiler 3, Tiler 4)	VIBRATORY SYSTEM	
Nominal Amplitude @ Max. Frequency 0.587(0.78) High mm (in) 0.587(0.78) Convertine 0.587(0.78) CENTIFIEGAL FORCE High kM (ligh) 1.808(0.46) Low kM (ligh) 1.808(0.46) Low kM (ligh) Cummins 4BTA3.9 or Rhine Net Power KW (High) @ 2,200 rp 3.91(28) Displacement L (cu. In) 3.9(28) Displacement L (cu. In) 3.9(38) Emissions (optional) Full-How spin-on filter Abbrication Full-How spin-on filter Application Full-How spin-on filter Spination Turbochanged April Cleaner Under-hood, dual element dry type Fan Driv Belt driven Electrical System 42 Volts with 70 Amplementer Texture System 12 (7) Texture System 12 (7) Type Axial piston pump, Variable displacement, Closed Center Vibration System Pressure Mpa (ps) 37 (8) Vibration System Pressure Mpa (ps) 37 (8) System Pressure Mpa (ps) 37 (8) System Pre	Max. Frequency Hz (vpm)	50(3,000)
High mm (in)	Min. Frequency Hz (vpm)	40(2,400)
CENTRIFUGAL FORCE High kN (lbf) 1804(04,046) Low kN (lbf) 1804(04,046) POWER TRAIN Commins 4BTA3.9 or Rhino Regine Make Model Commins 4BTA3.9 or Rhino Replacement L (cu. In) 39(328) Bipsiaconent L (cu. In) 3.9(38) Bipsiaconent L (cu. In) 1.9(38) Bipsiaconent L (cu. In) 3.9(38) Bipsiaconent L (cu. In) 1.9(40) Bipsiacon	Nominal Amplitude @ Max. Fr	requency
CENTRIFUGAL FORCE High kN (lbf) 1804(40,46) Low kN (lbf) 1804(40,46) DOWER TRAIN Cummins 4BTA3.9 or Rhino Net Power kW (Hp) © 2,200 rpm 98(125) Displacement L (cu. In) 39(236) Emissions (optional) Tier 2 (Tier 3, Tier 4) Lubrication Full-flow spin-on filter Aspiration Turbochanged Air Cleaner Under-hood, dual element dry type Fan Drive Belt driven Electrical System 24 Volts with 70 Amp alternate TRANSSION 12 You Type Midrostatic all-drum travel drive by full-hydraulic motors, double reduction for infinite variable speak Type Axial piston pump, Variable displacement, Closed Center Vibratuluc system Axial piston pump, Variable displacement, Closed Center Vibration System Pressure Mpa (ps) Axial piston pump, Variable displacement, Closed Center Vibration System Pressure Mpa (ps) Axial piston pump, Variable displacement, Closed Center Vibration System Pressure Mpa (ps) Axial piston pump, Variable displacement, Closed Center Vibration System Pressure Mpa (ps) Hydrostatic dynamic breaking	High mm (in)	0.67(0.03)
High kN (libf) 180(40,68) Low kN (libf) 138(31,026) POWER TRAIN Engine Make/ Model Cummins 4BTA3.9 or Rhino Net Power kW (Hp) © 2,200 rm 93(125) Displacement L (cu. In) 3.9(238) Emissions (optional) Tier 2 (Trier 3, Trier) Lubrication Full-flow spin-on filter Aspiration Turbocharged Air Cleaner Under-hood, dual element dry type Fan Drive Belt driven Electrical System 24 Volts with 70 Amp alternator Turbocharged Toward Speed km (mph) Hidrostatic all-drum travel drive by full-hydraulic motors, double reduction for infinite variables peader Toward Speed km (mph) Park Toward Speed km (mph) Axial piston pump, Variable displacement, Closed Center Vibration Type Axial piston pump, Variable displacement, Closed Center Vibration System Pressure Mpa (ps) Axial piston pump, Variable displacement, Closed Center Vibration System Pressure Mpa (ps) Axial piston pump, Variable displacement, Closed Center Vibration System Pressure Mpa (ps) Axial piston pump, Variable displacement, Closed Center	Low mm (in)	0.35(0.01)
POWER TRAIN Engine Make/ Model Cummins 4BTA3.9 or Rhino Net Power kW (Hp) @ 2,200 rpm 3(125) Displacement L (cu. In) 3(125) Emissions (optional) Titer 2 (Tier 3, Tier 4) Lubrication Full-flow spin-on filter Aspiration Turbrocharged Fan Drive Under-hood, dual element dry type Fan Drive Belt driven Electrical System 4 Volts with 70 Amp alternator Electrical System Hidrostaticall-drum travel drive by full-hydraulic motors, double reduction for infinite variable speeds Tavel Speed kmh (mph) 12(7) HUTDRAULIC SYSTEM Axial piston pmp, Variable displacement, Closed Center Vibration Type Axial piston pmp, Variable displacement, Closed Center Vibration System Pressure Mpa (psi) Axial piston motors, Constant displacement Steering System Pressure Mpa (psi) 3(15,40) Brake System Hydrostatic dynamic breaking Brake System Manually activated Ferrice Brakes Hydrostatic dynamic breaking Brake System Manually activated Ferrice Brakes Hydrostatic dynamic b	CENTRIFUGAL FORCE	
POWER TRAIN Engine Make/ Model Cummins 4BTA3.9 or Rhino Net Power kW (Hp) @ 2,200 rpm 93(125) Displacement L (cu. In) 3,9(238) Emissions (optional) Tier 2 (Tier 3, Tier 4) Lubrication Full-flow spin-on filter Aspiration Turbocharged Alir Cleaner Under-hood, dual element dry type Fan Drive Belt driven Electrical System 24 Volts with 70 Amp alternator Electrical System 44 Volts with 70 Amp alternator Electrical System 44 Volts with 70 Amp alternator Taxal System 44 Volts with 70 Amp alternator Tiene Transmission 12(7) Type Hidrostatic all-drum travel drive by full-hydraulic motors, double reduction for infinite variable speeds Tavel Speed kmi (mph) 12(7) Hidrostatic all-drum travel drive by full-hydraulic motors, double reduction for infinite variable speeds Tavel Speed kmi (mph) 12(7) Hydrostatic all-drum travel drive by full-hydraulic motors, double reduction for infinite variable speeds 3(7)(7) Tiest and travel 3(8)(8) User Taxal Speed kmi (mph) 3(8)(8	High kN (lbf)	180(40,466)
Engine Make/ Model Cummins 4BTA3.9 or Rhino Net Power kW (Hp) © 2,200 rpm 93(125) Displacement L (cu. In) 3.9(233) Emissions (optional) Tier 2 (Tier 3, Tier 4) Lubrication Full-flow spin-on filter Aspiration Turbocharged Air Cleaner Under-hood, dual element dry type Fan Drive Belt driven Electrical System 24 Volts with 70 Amp alternator Taxavel Speed kmh (mph) Type Hidrostatic all-drum travel drive by full-hydraulic motors, double reduction for infinite variable speeds Travel Speed kmh (mph) 12(7) Hydrostatic System Pump Type Axial piston pump, Variable displacement, Closed Center Vibration Type Axial piston pump, Variable displacement, Closed Center System Pressure Mpa (psi) 37(5,366) Vibration System Pressure Mpa (psi) 12(1,740) Steering System Pressure Mpa (psi) 44 Manually activated <tr< td=""><td>Low kN (lbf)</td><td>138(31,024)</td></tr<>	Low kN (lbf)	138(31,024)
Net Power kW (Hp) @ 2,000 rpm 93(125) Displacement L (cu. In) 3,9(238) Emissions (optional) Tier 2 (Tier 3, Tier 4) Lubrication Full-flow spin-on filter Aspiration Turbocharged Air Cleaner Under-hood, dual element dry type Fan Drive Belt driven Electrical System 24 Volts with 70 Amp alternator TRANSMISSION Type Midrostatic all-drum travel drive by full-hydraulic motors, double reduction for infinite variable speeds Tavel Speed kmh (mph) 12(7) HYDRAULIC SYSTEM Pump Type Axial piston pump, Variable displacement, Closed Center Vibration Type Axial piston pump, Variable displacement, Closed Center Vibration System Pressure Mpa (psi) 37(5,366) Vibration System Pressure Mpa (psi) 37(5,366) Vibration System Pressure Mpa (psi) 12(1,740) Service Brakes Hydrostatic dynamic breaking Fervice Brakes Hydrostatic dynamic breaking Fervice Brakes Manually activated Fervice Brakes Hydrostatic dynamic breaking Fervice Taxak<	POWER TRAIN	
Displacement L(cu. In) 3.9(28) Emissions (optional) Titer 2 (Titer 3, Titer 4) Lubrication Full-flow spin-on filter Aspiration Turbocharged Air Cleaner Under-hood, dual element dry type Fan Drive Bett driven Electrical System 24 Volts with 70 Amp alternator TRANSMISSON Type Midrostatic all-drum travel drive by full-hydraulic motors, double reduction for infinite variable speeds Tavel Speed km (mph) 12(7) Hydrostatic All-drum travel drive by full-hydraulic motors, double reduction for infinite variable speeds Tavel Speed km (mph) 12(7) Hydrostatic All-drum travel drive by full-hydraulic motors, double reduction for infinite variable speeds Tavel Speed km (mph) 12(7) Hydrostatic All-drive by full-hydraulic motors, double reduction for infinite variable speeds Vibration Type Axial piston pump, Variable displacement, Closed Center Vibration Type Axial piston pump, Variable displacement, Closed Center Vibration System Pressure Mpa (psi) 12(1,70) Steering System Pressure Mpa (psi) 14(1,70) Erectical System Man	Engine Make/ Model	Cummins 4BTA3.9 or Rhino
Emissions (optional) Lubrication Aspiration Aspiration Arc Cleaner Arr Arr Shr Shr Cleaner Arr Arr Arr Arr Shr Shr Cleaner Arr Arr Arr Shr Shr Cleaner Arr Arr Arr Arr Shr Shr Cleaner Arr Arr Arr Arr Shr Arr Shr Arr Shr Shr Cleaner Arr Arr Arr Arr Arr Shr Arr Sh	Net Power kW (Hp) @ 2,200 rp	pm 93(125)
Lubrication Full-flow spin-on filter Aspiration Turbocharged Air Cleaner Under-hood, dual element dry type Fan Drive Belt driven Electrical System 24 Volts with 70 Amp alternator TRANSMISSION TRANSMISSION Travel Speed km (mph) 12(7) Hidrostatic all-drum travel drive by full-hydraulic motors, double reduction for infinite variable speeds ravel Speed km (mph) 12(7) HYDRAULIC SYSTEM Pump Type Axial piston pump, Variable displacement, Closed Center Vibration Type Axial piston motors, Constant displacement System Pressure Mpa (ps) 37(5,366) Vibration System Pressure Mpa (psi) 37(5,366) Tibration System Pressure Mpa (psi) 37(5,	Displacement L (cu. In)	3.9(238)
Aspiration Under-hood, dual element dry type from Creamer Under-hood, dual element dry type from Creamer Cream	Emissions (optional)	Tier 2 (Tier 3, Tier 4)
Air Cleaner Fan Drive Belt driven Electrical System	Lubrication	Full-flow spin-on filter
Fian Drive Belt driven Electrical System 24 Volts with 70 Amp alternator TRANSMISSION Type Hidrostatic all-drum travel drive by full-hydraulic motors, double reduction for infinite variable speeds Travel Speed kmh (mph) 12(7) HYDRAULIC SYSTEM Pump Type Axial piston pump, Variable displacement, Closed Center Vibration Type Axial piston motors, Constant displacement System Pressure Mpa (psi) 37(5,366) Vibration System Pressure Mpa (psi) 12(1,740) Eterring System Pressure Mpa (psi) 10(1,450) BRAKE SYSTEM Service Brakes Hydrostatic dynamic breaking Parking Brake Manually activated REFILL CAPACITIES L (Gal) Fuel Tank 200(53) Engine Oil 11(3)	Aspiration	Turbocharged
Electrical System 1 TRANSMISSION Type	Air Cleaner	Under-hood, dual element dry type
TRANSMISSION Type Midrostatic all-drum travel drive by full-hydraulic motors, double reduction for infinite variable speeds fravel Speed kmh (mph) 12(7) HYDRAULIC SYSTEM Pump Type Axial piston pump, Variable displacement, Closed Center Vibration Type Axial piston pump, Variable displacement, Closed Center Vibration Type Axial piston motors, Constant displacement System Pressure Mpa (psi) 37(5,366) Vibration System Pressure Mpa (psi) 37(5,366) Vibration System Pressure Mpa (psi) 12(1,740) Steering System Pressure Mpa (psi) 10(1,450) BRAKE SYSTEM Service Brakes Hydrostatic dynamic breaking Parking Brake Manually activated Manually activated REFILL CAPACITIES L (Gal) Fuel Tank 200(53) Engine Oil 11(3)	Fan Drive	Belt driven
Type Hidrostatic all-drum travel drive by full-hydraulic motors, double reduction for infinite variable speeds Travel Speed kmh (mph) 12(7) HYDRAULIC SYSTEM Pump Type Axial piston pump, Variable displacement, Closed Center Vibration Type Axial piston motors, Constant displacement System Pressure Mpa (psi) 37(5,366) Vibration System Pressure Mpa (psi) 12(1,740) Steering System Pressure Mpa (psi) 10(1,450) BRAKE SYSTEM Service Brakes Hydrostatic dynamic breaking Parking Brake Manually activated REFILL CAPACITIES L (Gal) Fuel Tank 200(53) Engine Oil 11(3) Hydraulic Tank	Electrical System	24 Volts with 70 Amp alternator
Travel Speed kmh (mph) 12(7) HYDRAULIC SYSTEM Pump Type Axial piston pump, Variable displacement, Closed Center Vibration Type Axial piston motors, Constant displacement System Pressure Mpa (psi) 37(5,366) Vibration System Pressure Mpa (psi) 37(5,366) Vibration System Pressure Mpa (psi) 12(1,740) Steering System Pressure Mpa (psi) 10(1,450) BRAKE SYSTEM Service Brakes Hydrostatic dynamic breaking Parking Brake Manually activated REFILL CAPACITIES L (Gal) Fuel Tank 200(53) Engine Oil 11(3)	TRANSMISSION	
HYDRAULIC SYSTEM Pump Type Axial piston pump, Variable displacement, Closed Center Vibration Type Axial piston motors, Constant displacement System Pressure Mpa (psi) 37(5,366) Vibration System Pressure Mpa (psi) 12(1,740) Steering System Pressure Mpa (psi) 10(1,450) BRAKE SYSTEM Service Brakes Hydrostatic dynamic breaking Parking Brake Manually activated Manually activated REFILL CAPACITIES L (Gal) Fuel Tank 200(53) Engine Oil 11(3) Hydraulic Tank 180(48)	Туре	Hidrostatic all-drum travel drive by full-hydraulic motors, double reduction for infinite variable speeds
Pump Type Axial piston pump, Variable displacement, Closed Center Vibration Type Axial piston motors, Constant displacement System Pressure Mpa (psi) 37(5,366) 37(5,366) Vibration System Pressure Mpa (psi) 12(1,740) Steering System Pressure Mpa (psi) 10(1,450) BRAKE SYSTEM Service Brakes Hydrostatic dynamic breaking Parking Brake Manually activated REFILL CAPACITIES L (Gal) Fuel Tank 200(53) Engine Oil 11(3) Hydraulic Tank 180(48)	Travel Speed kmh (mph)	12(7)
Vibration TypeAxial piston motors, Constant displacementSystem Pressure Mpa (psi)37(5,366)Vibration System Pressure Mpa (psi)12(1,740)Steering System Pressure Mpa (psi)10(1,450)BRAKE SYSTEMService BrakesHydrostatic dynamic breakingParking BrakeManually activatedREFILL CAPACITIES L (Gal)Fuel Tank200(53)Engine Oil11(3)Hydraulic Tank180(48)	HYDRAULIC SYSTEM	
System Pressure Mpa (psi) 37(5,366) Vibration System Pressure Mpa (psi) 12(1,740) Steering System Pressure Mpa (psi) 10(1,450) BRAKE SYSTEM Service Brakes Hydrostatic dynamic breaking Parking Brake Manually activated Manually activated REFILL CAPACITIES L (Gal) Fuel Tank 200(53) Engine Oil 11(3) Hydraulic Tank 180(48)	Pump Type	Axial piston pump, Variable displacement, Closed Center
Vibration System Pressure Mpa (psi) 12(1,740) Steering System Pressure Mpa (psi) 10(1,450) BRAKE SYSTEM Service Brakes Hydrostatic dynamic breaking Parking Brake Manually activated REFILL CAPACITIES L (Gal) Fuel Tank 200(53) Engine Oil 11(3) Hydraulic Tank	Vibration Type	Axial piston motors, Constant displacement
Steering System Pressure Mpa (psi) BRAKE SYSTEM Service Brakes Hydrostatic dynamic breaking Parking Brake Manually activated REFILL CAPACITIES L (Gal) Fuel Tank 200(53) Engine Oil 11(3) Hydraulic Tank 180(48)	System Pressure Mpa (psi)	37(5,366)
BRAKE SYSTEM Service Brakes Hydrostatic dynamic breaking Parking Brake Manually activated REFILL CAPACITIES L (Gal) Fuel Tank 200(53) Engine Oil 11(3) Hydraulic Tank 180(48)	Vibration System Pressure M	pa (psi) 12(1,740)
Service Brakes Hydrostatic dynamic breaking Parking Brake Manually activated REFILL CAPACITIES L (Gal) Fuel Tank 200(53) Engine Oil 11(3) Hydraulic Tank 180(48)	Steering System Pressure Mp	pa (psi) 10(1,450)
Parking Brake REFILL CAPACITIES L (Gal) Fuel Tank Engine Oil Hydraulic Tank Manually activated 200(53) 11(3)	BRAKE SYSTEM	
REFILL CAPACITIES L (Gal) Fuel Tank Engine Oil Hydraulic Tank 180(48)	Service Brakes	Hydrostatic dynamic breaking
Fuel Tank 200(53) Engine Oil 11(3) Hydraulic Tank 180(48)	Parking Brake	Manually activated
Engine Oil 11(3) Hydraulic Tank 180(48)	REFILL CAPACITIES L (Gal)	
Hydraulic Tank 180(48)	Fuel Tank	200(53)
	Engine Oil	11(3)
Water tank - Optional 750(198) - 800 (211)	Hydraulic Tank	180(48)
	Water tank - Optional	750(198) - 800 (211)





MACHINE DIMENSION	
A. Overall Width mm (ft)	2,160(7.1)
B. Overall Length mm (ft)	5,080(16.7
C. Max. Machine Height mm (ft)	2,850(9.4)
D. Wheelbase mm (ft)	3,340(11.0)
E. Ground Clearance mm (ft)	300(1.0)
Outside Turning Radius mm (ft)	7,000(23.0)
Inside Turning Radius mm (ft)	5,800(19.0)
Articulation Angle	35 degrees
Gradeability	23 degrees
DRUM DIMENSIONS	
F. Drum Width mm (in)	1,870(73.6)
Drum Shell Thickness mm (in)	25(1.0
G. Drum Diameter mm (in)	1,150(45.3)
Scraper for both Drums	
Outline at	

Optional

Air Conditioning

LED Lights

ROPS/FOPS Cab