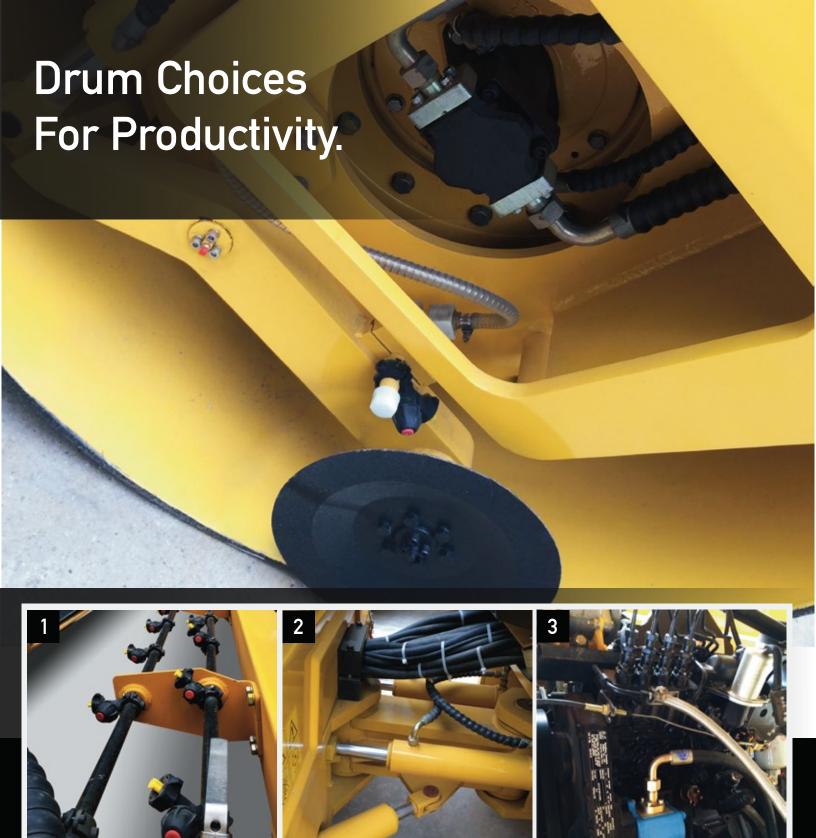


RCT8H-3

TANDEM VIBRATORY ROLLER





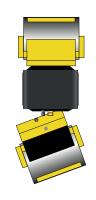
The Rhino tandem vibratory drums. It excels on a variety of asphalt mix designs as well as other granular materials. It features exceptional visibility and control, smooth operating powertrain, versatile vibratory systems, and the industry leading water spray system.

The Rhino tandem vibratory drums. utilize the latest in sensing technologies with electronic monitoring to optimize compaction; thus, increasing production and making customers more efficient on worksites.

Machine with Cab Kg (lb) 8,000(17,637) Static Linear Load kg/rm (lb/in) 23,5(13) VIBRATORY SYSTEM 5563,300 Min. Frequency Hz (vpm) 35(2,100) Nominal Amplitude @ Max. Frequency High mm (in) 0,67(0.03) Low mm (in) 0,34(0.01) CENTRIFUGAL FORCE U High kN (lbf) 210(47,210) Low kN (lbf) 130(29,225) POWER TRAIN Cummins 4BTAA3.9 or Rhino Rel pine Make / Model Cummins 4BTAA3.9 or Rhino Net Power kW (Hp) @ 2,200 rpm 82(110) Displacement L (cu, ln) 3,9(238) Brinsisions (optional) Tie 2 (Tie 7, Sir - A) Lubrication Full-flow flow flow flow flow flow flow flow	OPERATING WEIGHT	
VIBRATORY SYSTEM XAX. Frequency Hz (vpm) \$5(3.300) Min. Frequency Hz (vpm) 35(2.100) Nominal Amplitude @ Max. Frequency 35(2.100) High mm (in) 0.67(0.03) Low mm (in) 0.54(0.01) CENTRIPUGAL FORCE United Mission High kN (lbf) 210(47.210) Low kN (lbf) 130(29.225) POWER TRAIN Cummins 4BTAA3.9 or Rhino Net Power kW (Hp) @ 2.200 rpm 82(110) 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 Electrical System 24 Volts with 70 Amp alternator Travel Speed kmh (mph) 12(7) HYDRAULIC SYSTEM Axial piston pump, Variable displacement. Closed Center Vibration 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	Machine with Cab Kg (lb)	8,000(17,637)
Max. Frequency Hz (vpm) 56(3.300) Min. Frequency Hz (vpm) 35(2.100) Nominal Amplitude @ Max. Frequency 0.67(0.03) Low mm (in) 0.34(0.01) CENTRIFUGAL FORCE U High km (lbb) 210(47.210) Low kN (lbf) 130(29.225) POWER TRAIN Cummins 4BTAA3.9 or Rhino Net Power kW (Hp) @ 2.200 rpm 82(110) Nisplacement 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 Ampa later Travel Speed kmh (mph) 12(7) HYDRAULIC SYSTEM 12(7) 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) 12(1.740) Steering System Pressure Mpa (psi)	Static Linear Load kg/cm (lb/in)	23.5(13)
Min. Frequency Hz (vpm) 35(2.100) Nominal Amplitude @ Max. Frequency	VIBRATORY SYSTEM	
Nominal Amplitude @ Max. Frequency High mm (in)	Max. Frequency Hz (vpm)	55(3,300)
High mm (in)	Min. Frequency Hz (vpm)	35(2,100)
Cow mm (in) 0.34(0.01)	Nominal Amplitude @ Max. Frequency	
CENTRIFUGAL FORCE High kN (lbf) 210(47.210) Low kN (lbf) 130(29.225) POWER TRAIN Engine Make / Model Cummins 4BTAA3.9 or Rhino Net Power kW (Hp) @ 2,200 rpm 82(110) Displacement L (cu. ln) 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 8Elt driven Electrical System 24 Volts with 70 Amp alternator TRANSMISSION 12(7) Type Hidrostatic all-drum travel drive by full-hydraulic motors, double reduction for infinite variable speeds Travel Speed kmh (mph) 12(7) HYDRAULIC SYSTEM 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) 12(1,740) Steering System Pressure Mpa (psi) 10(1,450) Berkes SYSTEM Electronically activated </td <td>High mm (in)</td> <td>0.67(0.03)</td>	High mm (in)	0.67(0.03)
High kN (lbf) 130(29.225) POWER TRAIN Engine Make / Model Cummins 4BTAA3.9 or Rhino Net Power kW (Hp)	Low mm (in)	0.34(0.01)
Low kN (libf) 130(29,225) POWER TRAIN Engine Make / Model Cummins 4BTAA3.9 or Rhino Net Power kW (Hp) @ 2,200 rpm 82(110) 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 altermator Travel System 24 Volts with 70 Amp altermator Travel Speed kmh (mph) 12(7) HYDRAULIC SYSTEM 12(7) 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) 12(1,740) Steering System Pressure Mpa (psi) 12(1,740) Steering System Pressure Mpa (psi) 12(1,740) Steering System Pressure Mpa (psi) 12(1,740) <	CENTRIFUGAL FORCE	
Engine Make / Model Cummins 4BTAA3.9 or Rhino Net Power kW (Hp) @ 2.200 rpm 82(110) 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 Belt driven Electrical System 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) 12(1,74	High kN (lbf)	210(47,210)
Engine Make / Model Cummins 4BTAA3.9 or Rhino Net Power kW (Hp) @ 2.200 rpm 82(110) 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 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 Vibration Type Axial piston motors, Constant displacement Vibration System Pressure Mpa (psi) 37(5.366) Vibration System Pressure Mpa (psi) 12(1,740) Steering System Pressure Mpa (psi) 101(1,450) BRAKE SYSTEM Service Brakes Hydrostatic dybamic breaking Parking Brake Electronically activated REFILL CAPACITIES L (gal) Fuel Tank 200(53) Engine Oil 11(3) Hydraulic Tank 180(48)	Low kN (lbf)	130(29,225)
Net Power kW (Hp) @ 2,200 rpm 82(110) 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 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 pump, Variable displacement, Closed Center 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 dybamic breaking Parking Brake Electronically activated REFILL CAPACITIES L (gal) 11(3) Fuel Tank 200(53) Engine Oil 11(3)	POWER TRAIN	
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 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 Service Brakes Hydrostatic dybamic breaking Parking Brake Electronically activated REFILL CAPACITIES L (gal) Electronically activated Fuel Tank 200(53) Engine Oil 11(3)	Engine Make / Model	Cummins 4BTAA3.9 or Rhino
Emissions (optional) Lubrication Full-flow spin-on filter Aspiration Turbocharged Air Cleaner Under-hood, dual element dry type Fan Drive Belt driven Electrical System Electrical System Transion 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) Steering System Pressure Mpa (psi) 12(1,740) Steering System Pressure Mpa (psi) BRAKE SYSTEM Service Brakes Hydrostatic dybamic breaking Parking Brake Electronically activated REFILL CAPACITIES L (gal) Fuel Tank 200(53) Engine Oil 11(3) Hydraulic Tank	Net Power kW (Hp) @ 2,200 rpm	82(110)
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 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 dybamic breaking Parking Brake Electronically activated REFILL CAPACITIES L (gal) Fuel Tank 200(53) Engine Oil 11(3) Hydraulic Tank 180(48)	Displacement L (cu. In)	3.9(238)
Aspiration Turbocharged Air Cleaner Under-hood, dual element dry type Fan 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) Steering System Pressure Mpa (psi) 10(1,450) BRAKE SYSTEM Service Brakes Hydrostatic dybamic breaking Parking Brake Electronically activated REFILL CAPACITIES L (gal) Fuel Tank 200(53) Engine Oil 11(3) Hydraulic Tank	Emissions (optional)	Tier 2 (Tier 3, Tier 4)
Air Cleaner Under-hood, dual element dry type Fan 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) Steering System Pressure Mpa (psi) 10(1.450) BRAKE SYSTEM Service Brakes Hydrostatic dybamic breaking Parking Brake Electronically activated REFILL CAPACITIES L (gal) Fuel Tank 200(53) Engine Oil 11(3) Hydraulic Tank	Lubrication	Full-flow spin-on filter
Fan 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) Steering System Pressure Mpa (psi) 10(1,450) BRAKE SYSTEM Service Brakes Hydrostatic dybamic breaking Parking Brake Electronically activated REFILL CAPACITIES L (gal) Fuel Tank 200(53) Engine Oil 11(3) Hydraulic Tank 180(48)	Aspiration	Turbocharged
Electrical System	Air Cleaner	Under-hood, dual element dry type
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) Steering System Pressure Mpa (psi) 10(1,450) BRAKE SYSTEM Service Brakes Hydrostatic dybamic breaking Parking Brake Electronically activated REFILL CAPACITIES L (gal) Fuel Tank 200(53) Engine Oil 11(3) Hydraulic Tank 180(48)	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 dybamic breaking Parking Brake Electronically activated REFILL CAPACITIES L (gal) Fuel Tank 200(53) Engine Oil 11(3) Hydraulic Tank 180(48)	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) 12(1,740) Steering System Pressure Mpa (psi) 10(1,450) BRAKE SYSTEM Service Brakes Hydrostatic dybamic breaking Parking Brake Electronically activated REFILL CAPACITIES L (gal) Fuel Tank 200(53) Engine Oil 11(3) Hydraulic Tank 180(48)	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 dybamic breaking Parking Brake Electronically activated REFILL CAPACITIES L (gal) Fuel Tank 200(53) Engine Oil 11(3) Hydraulic Tank	Type Hidrostatic all-drum travel drive by full-hyd	draulic 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) Vibration System Pressure Mpa (psi) 12(1,740) Steering System Pressure Mpa (psi) 10(1,450) BRAKE SYSTEM Service Brakes Hydrostatic dybamic breaking Parking Brake Electronically activated REFILL CAPACITIES L (gal) Fuel Tank 200(53) Engine Oil 11(3) Hydraulic Tank	Travel Speed kmh (mph)	12(7)
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 dybamic breaking Parking Brake Electronically activated REFILL CAPACITIES L (gal) Fuel Tank 200(53) Engine Oil 11(3) Hydraulic Tank	HYDRAULIC SYSTEM	
System Pressure Mpa (psi) Vibration System Pressure Mpa (psi) Steering System Pressure Mpa (psi) BRAKE SYSTEM Service Brakes Hydrostatic dybamic breaking Parking Brake REFILL CAPACITIES L (gal) Fuel Tank Engine Oil Hydraulic Tank 180(48)	Pump Type	Axial piston pump, Variable displacement, Closed Center
Vibration System Pressure Mpa (psi) Steering System Pressure Mpa (psi) BRAKE SYSTEM Service Brakes Parking Brake REFILL CAPACITIES L (gal) Fuel Tank Engine Oil Hydraulic Tank 12(1,740) 10(1,450) Hydrostatic dybamic breaking Electronically activated 200(53) 11(3)	Vibration Type	Axial piston motors, Constant displacement
Steering System Pressure Mpa (psi) BRAKE SYSTEM Service Brakes Parking Brake REFILL CAPACITIES L (gal) Fuel Tank Engine Oil Hydraulic Tank 180(48)	System Pressure Mpa (psi)	37(5,366)
BRAKE SYSTEM Service Brakes Hydrostatic dybamic breaking Parking Brake Electronically activated REFILL CAPACITIES L (gal) Fuel Tank 200(53) Engine Oil Hydraulic Tank 180(48)	Vibration System Pressure Mpa (psi)	12(1,740)
Service Brakes Hydrostatic dybamic breaking Parking Brake Electronically activated REFILL CAPACITIES L (gal) Fuel Tank 200(53) Engine Oil 11(3) Hydraulic Tank	Steering System Pressure Mpa (psi)	10(1,450)
Parking Brake Electronically activated REFILL CAPACITIES L (gal) Fuel Tank 200(53) Engine Oil 11(3) Hydraulic Tank 180(48)	BRAKE SYSTEM	
REFILL CAPACITIES L (gal) Fuel Tank 200(53) Engine Oil Hydraulic Tank 180(48)	Service Brakes	Hydrostatic dybamic breaking
Fuel Tank 200(53) Engine Oil 11(3) Hydraulic Tank 180(48)	Parking Brake	Electronically 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 750(198)	Hydraulic Tank	180(48)
	Water Tank	750(198)

STEERING MODES









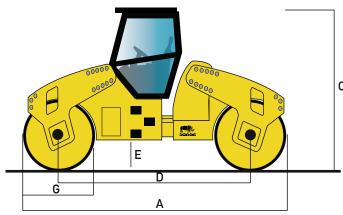
Front Steering

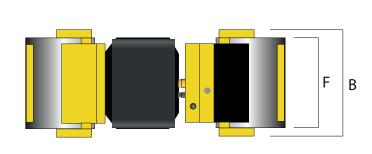
Leading Drum Steering

Coordinated Steering

Offset Operation

MACHINE DIMENSIONS





A. Overall Length mm (ft)	4,470(14.7)
B. Overall Width mm (ft)	1,790(5.9)
C. Max. Machine Height mm (ft)	2,970(9.7)
D. Wheelbase mm (ft)	3,420(11.2)
E. Ground Clearance mm (ft)	320(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)	1,700(66.9)
Drum Shell Thickness mm (in)	25(1.0)
G. Drum Diameter mm (in)	1,050(41.3)
OPTIONS	

ROPS/FOPS Cab, Pressurized Water Spray, Anti-Freeze Kit for Water Tanks, Tier 3, Tier 4 Engine.

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 ballast, and different attachments.