

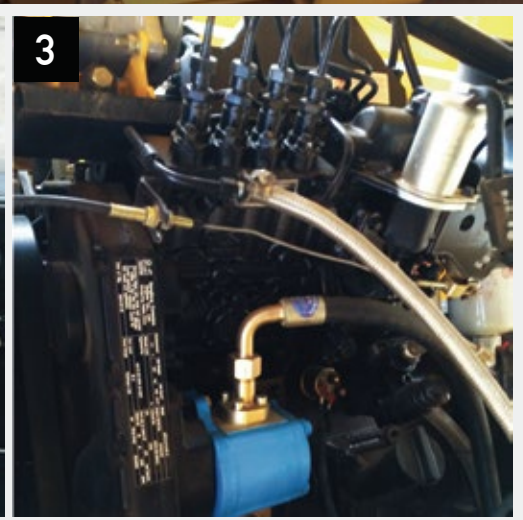


# **RCT120H**

**TANDEM VIBRATORY ROLLER**

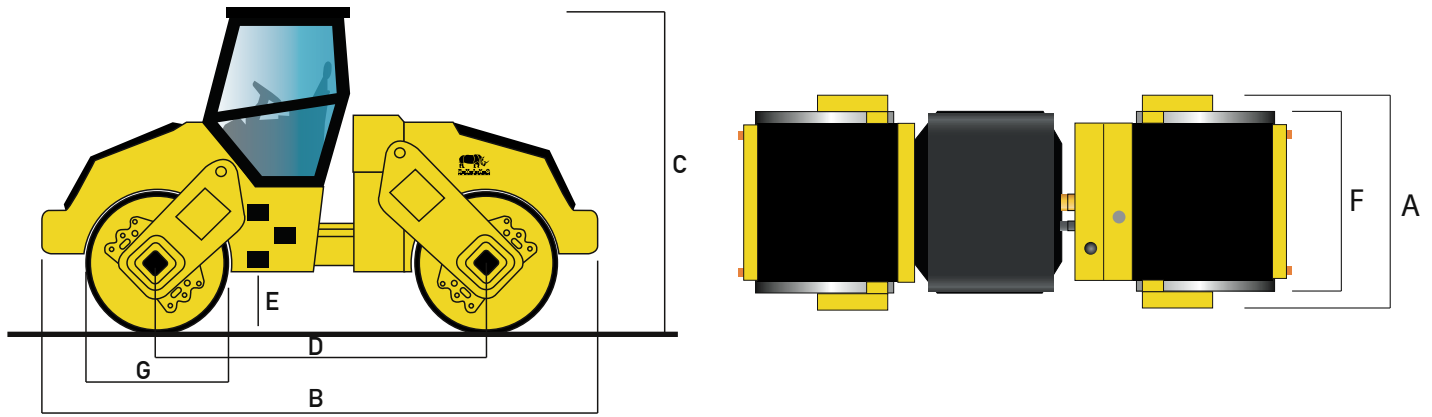


# Drum Choices For Productivity.



1. 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.

<b>OPERATING WEIGHT</b>	
Machine with Cab Kg (lb)	12,000(26,455)
Static Linear Load kg/cm (lb/in)	28.2(16)
<b>VIBRATORY SYSTEM</b>	
Max. Frequency Hz (vpm)	50(3,000)
Min. Frequency Hz (vpm)	40(2,400)
Nominal Amplitude @ Max. Frequency	
High mm (in)	0.74(0.03)
Low mm (in)	0.35(0.01)
<b>CENTRIFUGAL FORCE</b>	
High kN (lbf)	230(51,706)
Low kN (lbf)	198(44,512)
<b>POWER TRAIN</b>	
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
Air Cleaner	Under-hood, dual element dry type
Fan Drive	Belt driven
Electrical System	24 Volts with 70 Amp alternator
<b>TRANSMISSION</b>	
Type	Hidrostatic all-drum travel drive by full-hydraulic motors, double reduction for infinite variable speeds
Travel Speed kmh (mph)	13(8)
<b>HYDRAULIC SYSTEM</b>	
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)	14(2,031)
Steering System Pressure Mpa (psi)	10(1,450)
<b>BRAKE SYSTEM</b>	
Service Brakes	Hydrostatic dybamic breaking
Parking Brake	Manually activated
<b>REFILL CAPACITIES L (gal)</b>	
Fuel Tank	192(51)
Engine Oil	11(3)
Hydraulic Tank	180(48)
Water Tank	800(211)



#### MACHINE DIMENSIONS

A. Overall Width mm (ft)	2,270(7.4)
B. Overall Length mm (ft)	5,360(17.6)
C. Max. Machine Height mm (ft)	2,970(9.7)
D. Wheelbase mm (ft)	3,440(11.0)
E. Ground Clearance mm (ft)	350(1.1)
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)	2,130(83.9)
Drum Shell Thickness mm (in)	25(1.0)
G. Drum Diameter mm (in)	1,350(53.1)

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