

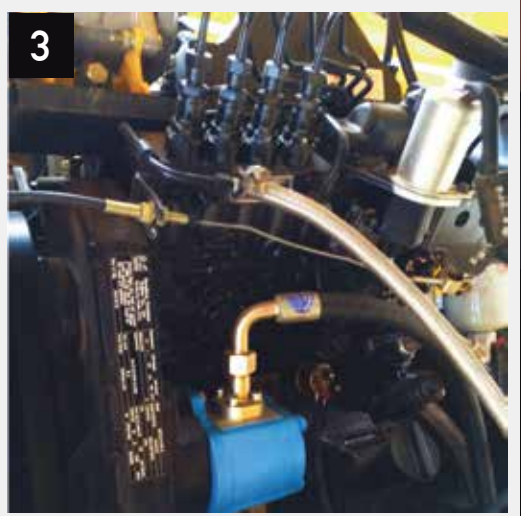


RCT120H

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.

POWER TRAIN	
Engine Make / Model	Cummins 4BTA3.9 or Rhino
Power kW (Hp) @2,200rpm	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
Electric System	24 Volts with 70 Amp alternator

OPERATING WEIGHT	
Machine with Cab kg (lb)	12,000(26.455)
Static Linear Load kg/cm (lb/in)	28,2(16.0)

VIBRATION SYSTEM	
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)

CENTRIFUGAL FORCE	
High kN (lbf)	230(51.706)
Low kN (lbf)	198(44.512)

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)	14(2.031)
Steering System Pressure Mpa (psi)	10(1.450)

REFILL CAPACITIES L (gal)	
Fuel Tank	192(51)
Engine Oil	11(3)
Hydraulic Tank	180(48)
Water Tank	800(211)

TRANSMISSION

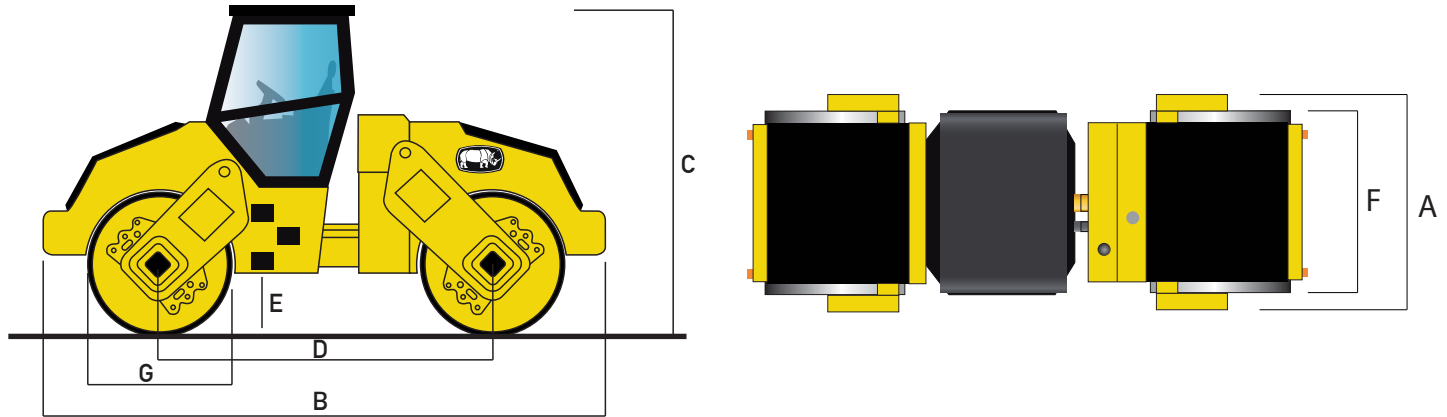
Type Hydrostatic all-drum travel drive by full-hydraulic motors, double reduction for infinite variable speeds

Travel Speed kmh (mph) 13(8)

BRAKE SYSTEM

Service Brakes Hydrostatic dynamic breaking

Parking Brake Manually activated



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

Gradeability (°) 23

DRUM DIMENSIONS

F. Drum Width mm (ft) 2,130(83.9)

Drum Shell Thickness mm (in) 25(1.0)

G. Drum Diameter mm (in) 1,350(53.1)