



PT220C

Volvo Pneumatic Tyre Roller 10.5-24.0 t 99.2 hp



PT220C – Outstanding rolling results

The quality to perform

- Hydrostatic transmission, 2-speed and maintenance free
- Hydraulic steering
- Isostatic levelling cylinders for consistent contact
- 550-liters LPDE water tank, adjustable water flow
- Dedicated water ballast compartment
- Central tire inflation

Comfortably productive

- Electro-proportional joystick
- 4.3" display: effective work and service management, seat presence indicator
- Heavy-Duty steel sunshade, removable for ease of transportation
- Sliding console
- Dual operator seats
- USB charger

Straightforward servicing

- Proven engine, serviced by your Volvo dealership
- Water nozzles and screens can be quickly removed, cleaned or replaced
- Hand Pump for towing Standard

Uptime you can rely on

- Call on Volvo 24/7
- Genuine Volvo Parts
- Customer Support Agreements

Made in India, for India

Since 2007, when we became the first company to offer pneumatic rollers manufactured in India, we have led the way in supplying the highest quality machinery tailor-made for the Indian market.

Specifications

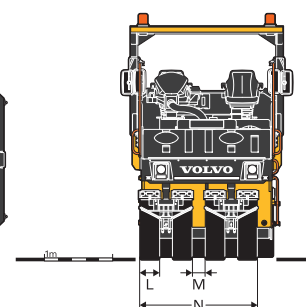
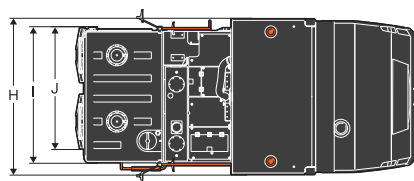
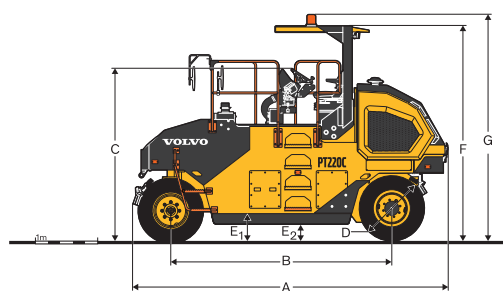
Machine weights		
Standard Operating weight (1)	kg	10500
Standard Operating Weight - with Factory ballasted Option	kg	13350
Maximum Machine Weight - Ballasted without Factory Ballast	kg	21000
Maximum Machine Weight - Ballasted with Factory Ballast	kg	24000
Wheel load - Maximum Ballasted	kg	3000
Operator Console		
Service	Dynamic hydrostatic through propulsion system	
Parking secondary	SAHR on both Rear drive Motor	
Tires		
Tire Type	11.0 - 20, 18PR	
Number of Tires (Front \Rear)	8	
Tire Overlap	mm	50
Tire Pressure (min/max)	bar	3.5 / 8.0
Engine		
Make / model	Volvo Eicher EE494TCI-HPCR Bharat StageIV (CEV)	
Engine type	Turbo charged water cooled	
Rated power @ installed speed	kW	74 kW @ 2 200 r/min
Electrical	12 V DC, 90 A alternator	
Battery CCA	CCA	750
Propulsion		
Type	Closed-loop hydrostatic	
Driven wheels	Rear	
Travel speed	high km/h	0 - 16
Working speed	low km/h	0 - 8
Gradeability (theoretical)	%	23
Steering		
Steering	Hydraulic Power assisted	
Inside turning radius	mm	6 800
Brakes		
Service	Dynamic hydrostatic through propulsion system	
Parking secondary	SAHR on REAR Motors	
Fluid Capacities		
Fuel tank capacity	l	200
Hydraulic oil capacity	l	105
(1) incl. 100% fuel, 50% water, 75 kg operator		

Water Spray system	
Type	Pressure spray tire wetting system with LDPE water tank
Pumps	One water Pump for Front and rear tyres (second Pump as Option)
Nozzles	Hand-serviceable spray nozzles
Filtration	Filter baskets in fill necks, primary filter at pump, fine filter for each nozzle
Tire wipers	Front & rear Coco Mat for each tire. (Nylon Scraper as option)
Water tank capacity	l 550
Safety	
Indicators	Warning lamps, alarms for Engine on 4.3" Color display
Audio alarm	Reverse Alarm
Sunshade	ROPS equivalent
Operator restraint	Seat belt
Seat	Suspension seat with Operator presence switch
Switch	Centralized emergency shut down Switch

DIMENSIONS





	mm
A Overall length	5,060
B Wheel base	3,520
C Height (top of Steering Wheel)	2,750
D Tire Diameter	1,070
E Ground clearance (E1 / E2)	435 / 265
F Overall Height	3,430
G Overall Height (Including Beacon)	3,635
H Overall Width	2,270
I Overall Rolling width	1,980
J Front Rolling width	1,735
L Tire Width	292
M Space between Tires	188
N Rear rolling width	1,735

Not all products are available in all markets. Under our policy of continuous improvement, we reserve the right to change specifications and design without prior notice. The illustrations do not necessarily show the standard version of the machine.



Contact your local dealer for more information.

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