

PTR240

Volvo Pneumatic Tire Rollers 9.7-24 t / 21,385-52,910 lb 74.4 kW / 99.9 hp



The best features for your kneads

Experience high-performance compaction in all terrain with the PTR240. Designed for roadway construction and resurfacing applications, the eight-wheeled pneumatic tire roller utilizes kneading action for the compaction of hot and warm mix asphalt. For chip seal applications, the pneumatic tires press the aggregate into the binder without fracturing. Enjoy ease of operation and high efficiency thanks to the PTR240, built to finish the job on time and under budget.

■ Ballast versatility

The maximum operating weight can be adjusted from 9 to 24 tons with sealed compartments using water, sand, or steel ballast.

■ Pressure makes perfect

The central tire inflation system enables to optimize the tire contact area by simply adjusting the tire pressure from the operator platform.

■ See more, do more

Experience an excellent view of the mat edge and surrounding job site from the solid ROPS/FOPS certified platform, featuring two working stations.

■ Powerfully efficient

A fuel-efficient Tier 4 Final engine with a 3-speed Powershift™ transmission delivers ample power reserve for difficult applications and high rolling speeds - up to 19 km/h (12 mph).

■ Long pavement life

Oscillating front tires overlap with rear drive tires to provide uniform surface coverage, compaction and sealing.

■ Productivity on tap

The pressurized, rust proof water system features an adjustable flow-rate, individual tire spray nozzles, and a 390 liter capacity tank to minimize the risk of material pickup with cold tires.

■ Lighting the way

Work lights, road lights, and other lighting options are available for safer operations.

■ Maintenance made easy

Easily access all service points from ground level or from the operator platform.



Specifications

SPECIFICATIONS				
Weights				
Standard operating weight	kg	lb	9 700	21,385
Maximum weight ballasted - Factory ballasted option	kg	lb	24 000	52,910
Wheel load	kg	lb	1 213	2,674
Wheel load - Factory ballasted option	kg	lb	3 000	6,614
Tires				
Tire type	11.0 - 20, 18PR			
Number of tires (front /rear)	4/4			
Tire overlap	mm	in	50	2.0
Tire pressure (min/max)	bar	PSI	2.0/8.0	30/120
Engine				
Make	Deutz			
Model	TCD 3.6			
Rated power @ 2,200 rpm	kW	hp	74.4	99.8
Emission compliance	EU Stage IV, U.S. EPA Tier 4F			
Propulsion				
System type	Powershift™			
Driven wheels	Rear			
Speed range (travel)	km/h	mph	0 to 19	0 to 11.8
Theoretical gradeability			%	25
Steering				
Steering	Hydraulic power assisted steering			
Steering actuator	Double-acting hydraulic single cylinder			
Electrical				
Operating voltage	V		24 VDC, negative ground	
Alternator capacity	100A			
Battery	(2) 12V, 55AH, 420CCA			
Work lights (front and rear)	4			
Operator console				
Console	Fixed			
Seat	2 fixed seats			
Braking				
Service brake	Drum shoes in rear wheels			
Parking brake	Disc on final drive input			
Water spray system				
Type	Pressurized			
Spray nozzles	1 nozzle per tire			
Service capacities				
Fuel tank capacity	l	gal	250	66
Hydraulic oil capacity	l	gal	22	5.81
Water spray tank	l	gal	390	103
Safety				
Indicators	Warning lamps/alarms for engine			
Audio alarms	Backup alarm			
Sunshade	ROPS			
Operator restraint	Seat belt			
Switch	Emergency Stop Button			

DIMENSIONS				
Overall length	mm	in	5 030	198.0
Drum base	mm	in	3 780	148.8
Height - Top of cab	mm	in	3 130	123.2
Height - Top of steering wheel	mm	in	2 380	93.7
Overall width	mm	in	2 100	82.7
Drum width	mm	in	1 986	78.2

STANDARD EQUIPMENT	
Back-up alarm	
Differential lock	
Horn	
Emergency stop button	
Pressurized water system with brush scrapers on each tire	
Work lights - Front and rear	
Turn signals and four-way flashers	
Gauges:	
Hour meter	
Fuel	
Gearbox oil pressure	
Gearbox oil temperature	
Engine temperature	
Brake system pressure	
Vandal protection	
Mirror for front wheel	
Cocoa mat scrapers	

OPTIONAL EQUIPMENT	
Heat skirts - Thermo apron	
Rotating beacon	
Enclosed cab with heat	
Enclosed cab with heat and air conditioning	
Edge cutter	
Radio + CD player	
Chock blocks	

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.

ABG