

PTR240

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

ABG



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 tonnes 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 jobsite 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 19km/h (12mph).

■ 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 flowrate, 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
Tyres				
Tyre type	11.0 - 20, 18PR			
Number of tyres (front /rear)	4/4			
Tyre overlap	mm	in	50	2.0
Tyre 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			
Electricals				
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			
Guaranteed Sound Level				
Operator's Ear, acc. to ISO 11203:2009	LpA	dB(A)	79	
External, acc. to Directive 2000/14/EC	LwA	dB(A)	103	

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

ABG