



Volvo Construction Equipment

PT125

Volvo Pneumatic Tire Compactors 4.3-12.6 t 63 kW



THE COMPACTOR FOR YOUR KNEADING REQUIREMENTS

The Volvo PT125 is a nine-wheel pneumatic tire compactor typically utilized on hot mix asphalt and on chip-seal applications. The four front tires are staggered in position to provide overlap with the five rear tires, resulting in complete material coverage for consistent texture and appearance. Uniform compaction, even on irregular surfaces, is achieved using tire oscillation to maintain uniform tire contact pressure.

Performance Features

- Back-up alarm
- Lay-down ROPS for transport
- High wheel-loading capability with 14-ply tires
- Horn
- Hour meter
- Hydrostatic propulsion system
- Indicator lights for battery discharge, low engine oil pressure, high engine coolant temperature, and parking brake engagement
- Pressurized water system with individual tire cocoa mats
- Seat belt

Selected Options

- Audible alarm
- Engine air precleaner
- Four-way flashers and turn signals
- Gauges for fuel level, voltmeter, hydraulic oil temperature, engine coolant temperature, engine oil pressure, air filter restriction
- Heat skirts
- Radial tires
- ROPS / FOPS
- Rotating beacon light
- Speedometer
- Tire scrapers
- Vandal cover for console and engine
- Work lights

Tires

The PT125 comes standard with four front and five rear 190,5 mm x 381 mm, 14-ply tires. The front tire pairs each oscillate +/- 3°.

Water System

The PT125 comes standard with a 379 l pressurized water system utilizing an electric diaphragm pump. Each tire has one spray nozzle with a 100 mesh filter in addition to the primary 80 mesh filter and tank inlet strainer.



SPECIFICATIONS

Model		PT125
Machine Weights (w/ ROPS / FOPS)		
Shipping Weight	kg	4 129
Operating Weight	kg Unballasted	4 326
	With water ballast	7 708
	With wet sand ballast	11 242
	With concentrate ballast	12 625
Machine Dimensions		
Length	mm	3 892
Width	mm	1 980
Height	mm Top of steering wheel	2 185
	Top of ROPS	3 225
	Top of ROPS / FOPS	2 912
Wheelbase	mm	2 921
Curb Clearance	mm	330
Inside Turning Radius	mm	3 848
Compaction		
Rolling Width	mm	1 727
Tire Overlap	mm	12
Wheel Load Per Tire (avg)	kg Unballasted	480.8
	With water ballast	866.4
	With gravel	1 152.1
	With wet sand ballast	1 252.0
	With concentrate ballast	1 406.1
Ballast Compartment	m ³	3.5
Propulsion		
System Type		Hydrostatic drive
Drive		Direct at 4 rear wheels
Travel Speed	km/h High	24.8
	Low	12.4
Engine		
Make & Model		Kubota V3600-T-E3B Tier 3
Electrical System		12 volts DC, negative ground, 90 A alternator
Rated Power @ Installed Speed	kW	63
Miscellaneous		
Fuel Capacity	l	102
Hydraulic Oil Capacity	l	61
Gradeability (theoretical)		31%
Guaranteed Sound Level		
Operator's Ear, acc. to ISO 11203:2009	LpA dB(A)	85
External, acc. to Directive 2000/14/EC	LwA dB(A)	106

GROUND CONTACT PRESSURES for 190.5 mm x 381 mm 14 Ply Smooth Tread Compactor Tires							
		Tire Pressure kPa					
		241.3	344.7	482.6	620.5	758.4	896.3
Ballast	Wheel Load	Ground Contact Pressure					
None	480.8 kg	317.2	344.7	386.1	420.6	468.8	510.2
Water	866.4 kg	372.3	406.8	448.1	496.4	537.8	592.9
Gravel	1 152.1 kg	393.0	434.4	482.6	524.0	572.3	620.5
Wet Sand	1 252.0 kg	399.9	441.3	489.5	537.8	586.1	634.3
Concentrate	1 406.1 kg	413.7	455.1	503.3	551.6	599.8	648.1

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