

VOLVO PNEUMATIC TIRE COMPACTOR

PT125R



MORE CARE. BUILT IN.



THE COMPACTOR FOR YOUR KNEADING REQUIREMENTS

The Volvo PT125R is a nine-wheel pneumatic tire compactor typically utilized on hot mix asphalt. The four front tires overlap with the five rear tires, providing complete material coverage for consistent texture and appearance. Uniform compaction, even on irregular surfaces, is achieved using tire oscillation to maintain full tire contact pressure.

Performance Features

- Back-up alarm
- Fold-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 secondary brake engagement
- Pressurized water system with individual tire cocoa mats
- ROPS and seat belt

Selected Options

- 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
- ROPS / FOPS
- Rotating beacon light
- Speedometer
- Tire scrapers
- Vandal cover for console and engine
- Work lights

Tires

The PT125R comes standard with four front and five rear 190,5 mm x 381 mm (7.5" x 15") 14-ply tires. The front tire pairs each oscillate + / - 3°.

Water System

The PT125R comes standard with a 379 l (100 gal) 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		PT125R
Machine Weights (w/ ROPS / FOPS)		
Shipping Weight	kg (lb)	3 841 (8,469)
Operating Weight	kg (lb) Unballasted	4 125 (9,096)
	With water ballast	7 579 (16,712)
	With wet sand ballast	11 041 (24,346)
	With concentrate ballast	12 424 (27,396)
Machine Dimensions		
Length	mm (in)	3 892 (153,2)
Width	mm (in)	1 980 (78)
Height	mm (in) Top of steering wheel	2 185 (86)
	Top of ROPS	3 225 (127)
	Top of ROPS / FOPS	2 912 (115)
Wheelbase	mm (in)	2 921 (114,6)
Curb Clearance	mm (in)	330 (13,0)
Inside Turning Radius	mm (in)	3 848 (151,5)
Compaction		
Rolling Width	mm (in)	1 727 (68)
Tire Overlap	mm (in)	12 (0,5)
Wheel Load Per Tire (avg)	kg (lb) Unballasted	458 (1,011)
	With water ballast	1 857 (842)
	With wet sand ballast	1 227 (2,705)
	With concentrate ballast	1 380 (3,044)
Ballast Compartment	m ³ (cu ft)	3,5 (122)
Propulsion		
System Type		Hydrostatic drive
Drive		Direct at 4 rear wheels
Travel Speed	km/h (mph) High	25 (15,5)
	Low	12,5 (7,8)
Engine		
Make & Model		Cummins B 3.3T-85
Electrical System		12 volts DC, negative ground, 60 A alternator
Rated Power @ Installed Speed	kW (hp)	63,4 (85)
Miscellaneous		
Fuel Capacity	l (gal)	102 (27)
Hydraulic Oil Capacity	l (gal)	61 (16)
Gradeability (theoretical)		31%

Product improvement is a continuing goal at Volvo. Designs and specifications are subject to change without notice or obligation.

Contact Pressure	14-PLY	Inflation in kPa (PSI)					
		241,3 (35)	344,7 (50)	482,6 (70)	620,5 (90)	758,4 (110)	896,3 (130)
458,6 kg (1,011 lb)		317,2 (46)	344,7 (50)	386,1 (56)	420,6 (61)	468,8 (68)	510,2 (74)
842,3 kg (1,857 lb)		365,4 (53)	399,9 (58)	441,3 (64)	489,5 (71)	530,9 (77)	579,2 (84)
1 227 kg (2,705 lb)		399,9 (58)	441,3 (64)	489,5 (71)	537,8 (78)	586,1 (85)	634,3 (92)
1 380,7 kg (3,044 lb)		-	455,1 (66)	503,3 (73)	551,6 (80)	599,8 (87)	648,1 (94)



Volvo Construction Equipment is different. Our machines are designed, built and supported in a different way. That difference comes from an engineering heritage of over 175 years. A heritage of thinking first about the people who actually use the machines. About how to help them be safer, more comfortable, more productive. About the environment we all share. The result of that thinking is a growing range of machines and a global support network dedicated to helping you do more. People around the world are proud to use Volvo. And we're proud of what makes Volvo different – **More care. Built in.**



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.

VOLVO

Volvo Construction Equipment
www.volvoce.com

Ref. No. VOE 21 A 100 4028
Printed in Sweden 2008.05-5,0
Volvo, Sweden

English