

VOLVO PNEUMATIC TIRE COMPACTOR

# PT125

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 **(7.5 in x 15 in)**, 14-ply tires. The front tire pairs each oscillate +/- 3°.

## Water System

The PT125 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

<b>Model</b>		<b>PT125</b>
<b>Machine Weights (w/ ROPS / FOPS)</b>		
Shipping Weight	kg (lb)	4 129 (9,105)
Operating Weight	kg (lb) Unballasted	4 326 (9,540)
	With water ballast	7 708 (17,156)
	With wet sand ballast	11 242 (24,790)
	With concentrate ballast	12 625 (27,840)
<b>Machine Dimensions</b>		
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)
<b>Compaction</b>		
Rolling Width	mm (in)	1 727 (68)
Tire Overlap	mm (in)	12 (0.5)
Wheel Load Per Tire (avg)	kg (lb) Unballasted	480.8 (1,060)
	With water ballast	866.4 (1,910)
	With gravel	1 152.1 (2,540)
	With wet sand ballast	1 252.0 (2,760)
	With concentrate ballast	1 406.1 (3,100)
Ballast Compartment	m <sup>3</sup> (cu ft)	3.5 (122)
<b>Propulsion</b>		
System Type		Hydrostatic drive
Drive		Direct at 4 rear wheels
Travel Speed	km/h (mph) High	24.8 (15.4)
	Low	12.4 (7.7)
<b>Engine</b>		
Make & Model		Kubota V3600-T-E3B Tier 3
Electrical System		12 volts DC, negative ground, 90 A alternator
Rated Power @ Installed Speed	kW (hp)	63 (84.5)
<b>Miscellaneous</b>		
Fuel Capacity	l (gal)	102 (27)
Hydraulic Oil Capacity	l (gal)	61 (16)
Gradeability (theoretical)		31%

<b>GROUND CONTACT PRESSURES</b>							
<b>for 190.5 mm x 381 mm (7.50 in x 15 in) 14 Ply Smooth Tread Compactor Tires</b>							
		<b>Tire Pressure kPa (PSI)</b>					
		241.3 (35)	344.7 (50)	482.6 (70)	620.5 (90)	758.4 (110)	896.3 (130)
<b>Ballast</b>	<b>Wheel Load</b>	<b>Ground Contact Pressure</b>					
None	480.8 kg (1,060 lb)	317.2 (46)	344.7 (50)	386.1 (56)	420.6 (61)	468.8 (68)	510.2 (74)
Water	866.4 kg (1,910 lb)	372.3 (54)	406.8 (59)	448.1 (65)	496.4 (72)	537.8 (78)	592.9 (86)
Gravel	1 152.1 kg (2,540 lb)	393.0 (57)	434.4 (63)	482.6 (70)	524.0 (76)	572.3 (83)	620.5 (90)
Wet Sand	1 252.0 kg (2,760 lb)	399.9 (58)	441.3 (64)	489.5 (71)	537.8 (78)	586.1 (85)	634.3 (92)
Concentrate	1 406.1 kg (3,100 lb)	413.7 (60)	455.1 (66)	503.3 (73)	551.6 (80)	599.8 (87)	648.1 (94)

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

# VOLVO CONSTRUCTION EQUIPMENT

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 180 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.

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**

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Ref. No 20033614-A  
2012.08  
Volvo, Global Marketing

English-22  
COA