



Volvo Construction Equipment

PT125C

Volvo Pneumatic Tyre Rollers 4.4-11.3 t / 9,825-25,000 lb 55.4 kW / 74.3 hp



A passion for performance

At Volvo Construction Equipment, we're not just coming along for the ride. Developing products and services that raise productivity – we are confident we can lower costs and increase profits for customers around the globe. Part of the Volvo Group, we are passionate about innovative solutions to help you work smarter – not harder.

Helping you to do more

Doing more with less is a trademark of Volvo Construction Equipment. High productivity has long been married to low energy consumption, ease of use and durability. When it comes to lowering life-cycle costs, Volvo is in a class of its own.

Designed to fit your needs

There is a lot riding on creating solutions that are suited to the particular needs of different industry applications. Innovation often involves high technology – but it doesn't always have to. Some of our best ideas have been simple, based on a clear and deep understanding of our customers' working lives.



You learn a lot in 180 years

Over the years, Volvo has advanced solutions that have revolutionized the use of construction equipment. No other name speaks Safety louder than Volvo. Protecting operators, those around them and minimizing our environmental impact are traditional values that continue to shape our product design philosophy.

We're on your side

We back the Volvo brand with the best people. Volvo is truly a global enterprise, one that is on standby to support customers quickly and efficiently – wherever they are.

We have a passion for performance.

A strong, dedicated, capable dealer network

Our dealers are strategically located throughout North America to provide the equipment you need and the parts and service support you demand for a productive and profitable operation.

The strength of our dealer network is enhanced with extensive individualized product support training at our best-in-class Customer Center in Shippensburg and through hands-on training. Using a great Product Demonstration Center featuring a dedicated area for most common applications, visitors operate equipment from our entire product line under a variety of simulated working conditions. This facility is in year-round use by our dealers and customers.

Building the best starts right here.

The products designed and manufactured by Volvo Construction Equipment have their beginnings at the most advanced Research & Design centers in the industry. Volvo CE machines are designed in 11 R&D centers and produced in 15 manufacturing facilities across the world.

The major R&D center and manufacturing plant in the Americas is located in Shippensburg, Pennsylvania. This facility has been in operation for over 30 years and – with its recently added 200,000 sq. ft. expansion – now covers 570,000 sq. ft. on an 80 acre campus. Dedicated work teams and highly advanced technologies and techniques using the Volvo Production System ensure continuous quality improvements, labor savings and cost control to reach the high quality that our customers have come to expect from Volvo.





Volvo Trucks



Renault Trucks



Mack Trucks



UD Trucks



Volvo Buses



Volvo Construction Equipment



Volvo Penta



Volvo Financial Services

Built for the road ahead

Experience high-performance compaction in all terrain with the PT125C. Designed for roadway construction or resurfacing, the nine-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 fracture. Enjoy ease of operation and high efficiency, so you can finish the job on time and within budget.

Smooth operation

Achieve fast cycles and optimum output with the two-speed hydrostatic transmission and rely on the smooth direction changes to prevent scuffing the material surface. To increase productivity, the forward and reverse rolling speeds offer greater than 19km/h (12mph). Optimize your operation without compromising safety with this dynamic system which meets ISO 3450 braking standards.



Paved for the future

The PT125C features four front and five rear tires, which overlap to provide full width coverage. Achieve uniform density thanks to the independent oscillation of the front and rear tires, even on irregular surfaces. By maintaining consistent contact with the material, rutting is minimized and flaws are removed for a superior mat finish.



Power up, costs down

The Volvo Tier 4 Final engine delivers high torque at low rpm to ensure superior performance and high fuel efficiency. The automatic idle feature reduces the engine speed to idle when controls are inactive for more than five seconds, cutting fuel consumption. Passive regeneration boosts productivity by automatically cleaning filters without operator input or effect on performance.



Comfortably productive

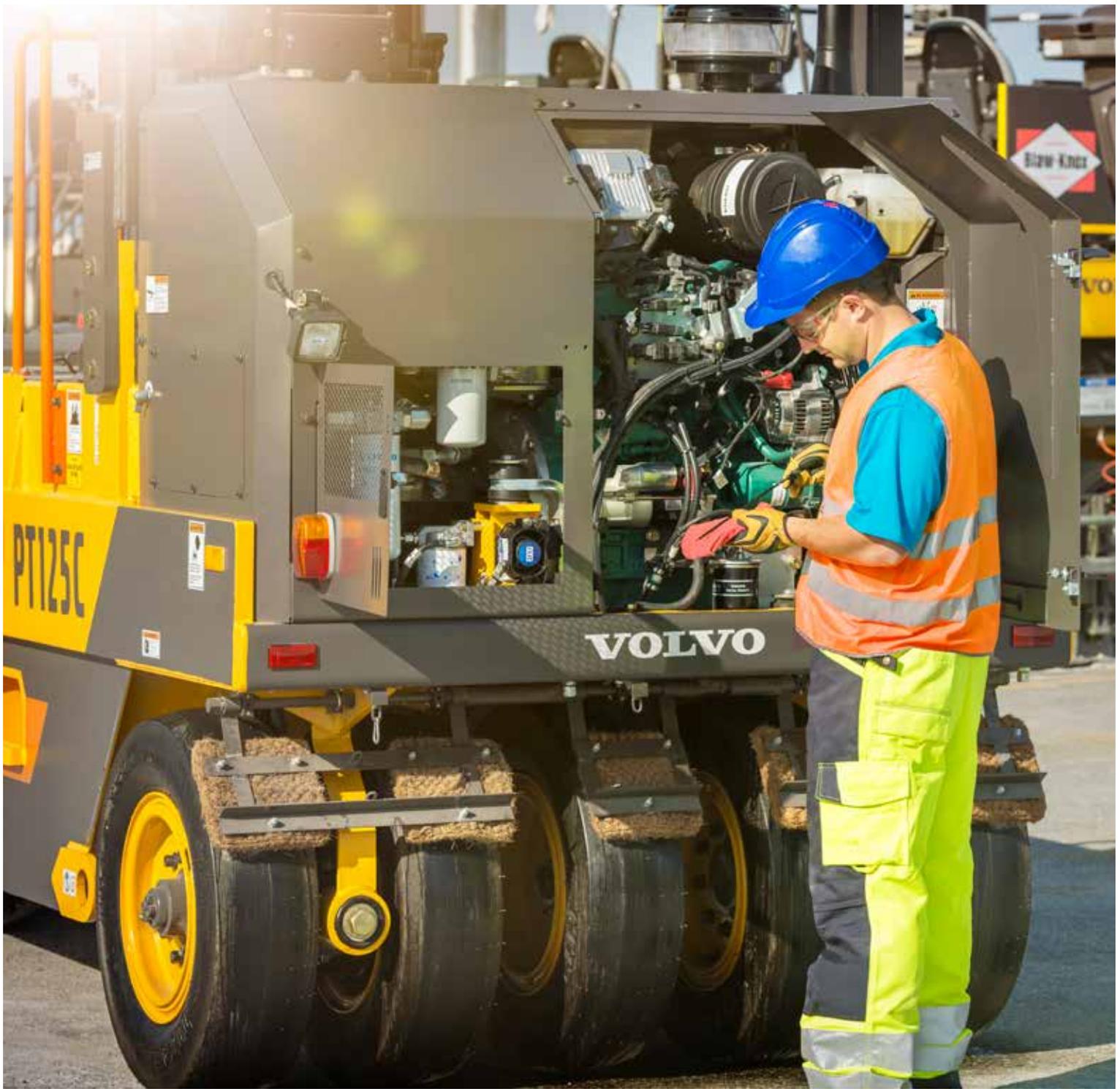
Stay safe under the certified ROPS or FOPS canopy, which protects the operator without restricting visibility (1 m x 1 m) all around the machine, enhancing both operator and jobsite safety. All controls are ergonomically-positioned within each operator's zone of comfort and reach. Because these controls are found on most T4f compactors from Volvo, you can choose from a greater pool of experienced operators.





VERSATILE PERFORMANCE

Take on tons of tasks with the PT125C, built for adaptability in all terrain. The maximum operating weight can be adjusted from 4 450kg (9,830lb) to 11 340kg (25,000lb) by ballasting with different materials. The 14 ply heavy-duty tires carry the heaviest loads, boosting performance without compromising component life. Adjust tire pressure to secure high ground contact pressure and achieve compaction in fewer passes.



EASY MAINTENANCE

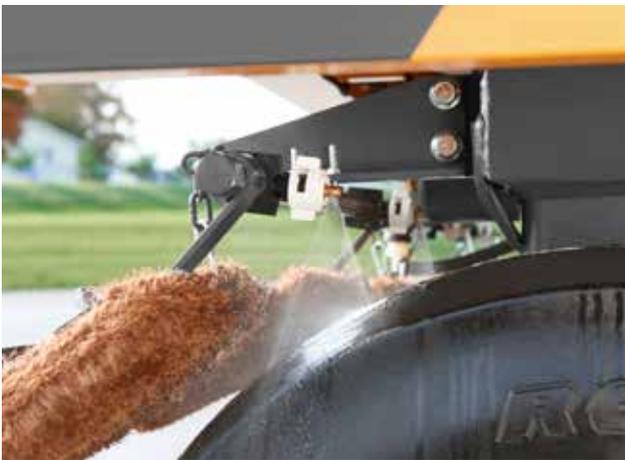
The PT125C is designed to quickly perform daily service and maintenance checks, from ground-level. A hinged door allows complete access the engine compartment and all major components, while removable panels provide entry to less frequently serviced items. A racetrack decal identifies maintenance needs for fast routine service and minimal maintenance costs.

Unbeatable uptime

Get ready to work with the Volvo PT125C asphalt compactor. Designed to optimize uptime, the robust machine is designed for service ease to ensure a long lifetime. Keep your machine running with Volvo's extensive dealer network and benefit from our wide range of services, catered specifically to your requirements.

Productivity on tap

Rely on the PT125C, featuring the industry-leading tire-wetting system to boost uptime and reduce operating costs. The triple redundant filtration system minimizes the risk of failure caused by water tank contamination, so you can roll worry-free.



Get to work fast

Save time and money with the PT125C, made with mobility in mind. The intelligently-designed compactor features a ROPS or FOPS that can be folded down for transport, making shipping easier and safer than ever. With mobility at its core, the Volvo roller provides you with everything you need to maintain a competitive edge.



Here to support you

Make sure your machine retains its renowned Volvo quality with a ready supply of Genuine Volvo Parts, available from your local Volvo dealer. With our extensive dealer coverage and factory trained technicians, we have a comprehensive network to fully support you using local knowledge and global experience.



Machine monitoring made easy

With MATRIS, your Volvo dealer can help identify improvement areas by analyzing your machine's operational data. Reduce maintenance costs, increase service life and optimize your operations with the Volvo patented diagnostic software.



Knead for perfection

VERSATILE PERFORMANCE

Complete a variety of tasks with the roller's impressive ballast capacity, adjustable tire pressure and heavy-duty tires.

Power up, costs down

Boost productivity without compromising costs with the Volvo engine, featuring automatic idling and passive regeneration.

Get to work fast

Easily and safely move between jobsites thanks to the foldable ROPS or FOPS canopy.

Smooth operation

Enhance productivity without compromising safety thanks to the intelligently-designed hydrostatic transmission.

Paved for the future

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





Here to support you

Ensure your machine retains its Volvo quality with a supply of Genuine Volvo Parts, available at your local Volvo dealer.

Comfortably productive

Reduce fatigue with all-around visibility, adjustable seat and easy-to-reach controls.

Productivity on tap

Boost uptime and cut operating costs with the industry-leading tire-wetting system.

Machine monitoring made easy

Reduce maintenance costs, increase service life and optimize your operations with Volvo's diagnostic software, MATRIS.

EASY MAINTENANCE

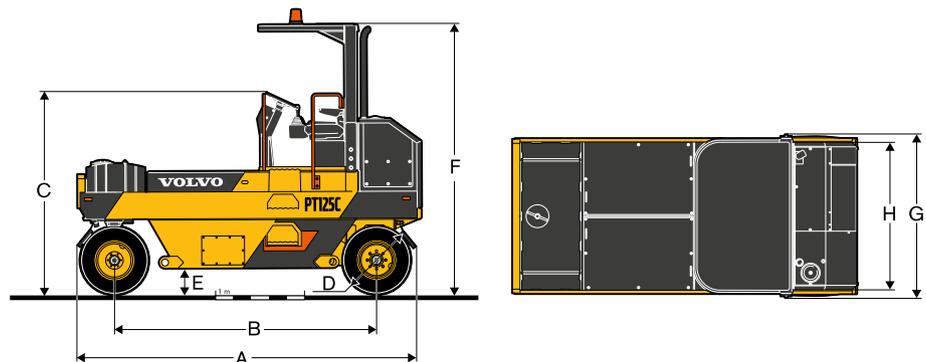
Simplify service from ground-level with the hinged engine compartment door, removable panels and racetrack decal.

Volvo PT125C in detail

Model				PT125C	
Operating Weight					
Standard operating weight	kg	lb	4,457	9,826	
Maximum weight ballasted	kg	lb	11,340	25,000	
Wheel load	kg	lb	495	1,091	
Wheel load (ballasted)	kg	lb	1,264	2,787	
Tyres					
Tyre type			7.5-15 14PR		
Number of tyres (front /rear)			4/5		
Tyre overlap	mm	in	13	0.5	
Tyre pressure (min/max)	bar	psi	2.4/8.6	35/125	
Engine					
Make			Volvo		
Model			D3.3H		
Rated power @ 2,200 r/min	kW	hp	55.4	74.3	
Emission compliance			US EPA Tier 4 Final, EU Stage IIIB		
Propulsion					
System type			Closed loop hydrostatic		
Driven wheels			Rear		
Speed range (travel)	km/h	mph	0 to 19.6	0-12.2	
Speed range (working)	km/h	mph	0 to 12	0-7.4	
Theoretical gradeability			30		
Steering					
Steering			Hydraulic power assisted steering		
Steering actuator			Double-acting hydraulic single cylinder		
Electricals					
Operating voltage		V	12 VDC, negative ground		
Alternator capacity		Z	12V, 90A		
Battery		12V 900CCA			
Headlights		2			
Work lights		2			
Operator console					
Console			Fixed		
Seat			1 fixed seat		
Braking					
Service brake			Hydrostatic		
Parking brake			Spring Applied Hydraulically Released (SAHR)		
Water spray system					
Type			Pressurized		
Spray nozzles			1 per tire		
Service capacities					
Fuel tank capacity	l	gal	102.2	27	
Hydraulic oil capacity	l	gal	76.1	20.1	
Water spray tank	l	gal	378.5	100	
Safety					
Indicators			Warning lamps/alarms for engine		
Audio alarms			Backup alarm		
Sunshade			ROPS		
Operator restraint			Seat belt		
Switch			Centralized emergency shut down switch for machine operations		
Guaranteed Sound Level					
Operator's Ear, acc. to ISO 11203:2009		LpA dB(A)	83		
External, acc. to Directive 2000/14/EC		LwA dB(A)	99		

DIMENSIONS

A	mm	in	3,880	152.8
B	mm	in	2,942	115.8
C	mm	in	2,236	88.0
D	mm	in	762	30.0
E	mm	in	273	10.7
F	mm	in	3,018	118.8
G	mm	in	1,831	72.1
H	mm	in	1,732	68.2



Equipment

STANDARD EQUIPMENT

Side-console, common with T4f soil and large asphalt compactors
 Volvo standard ROPS
 Full suspension seat
 Retracting seat belt
 Seat belt alarm
 Operator presence switch
 External lockable fuel fill
 Back-up alarm
 Daily service checkpoints list
 12 Volt power port
 Integrated parking brake
 Parking brake test function
 Two stage air intake filter
 Heavy-duty frame
 Cocoa mat with tire scrapers

OPTIONAL EQUIPMENT

Work lights
 Road lights
 Front lights
 Rotating beacon
 Speedometer
 Nylon scraper
 Steel scraper
 Hydraulic oil temperature sensor
 Vandal protection
 Special paint
 Heat skirt
 Tool kit
 Lifetime frame guarantee

SELECTION OF VOLVO OPTIONAL EQUIPMENT

Michelin radial tires



Heat skirts



ROPS/FOPS



Lighting packages



Vandal protection



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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