

VOLVO TRACKED PAVER

PF4410



# A PRODUCTIVE PAVER FOR EVERY APPLICATION

The Volvo PF4410 is a track-mounted, mid-sized paver / finisher capable of placing bituminous base, binder, and surface course mixes, cement- or lime-stabilized sub-base, and graded aggregate materials. New standard features, equipment choices, and options offer superior quality control, increased productivity, and even greater reliability — all while greatly reducing required maintenance time and cost compared to competitive machines and previous models.



## Performance Features

- Continuous, flexible, Hi-Speed, EzRider, rubber track provides the traction and flotation of a track machine with the mobility and rideability of a wheeled machine
- Positive cog / socket track drive eliminates potential power loss associated with friction drive slippage
- Hydraulic power tunnels and baffles (chain curtains) assist the operator in maintaining an even head of material in front of the screed and quickly accommodates paving widths to 3,7 m (12') without additional components
- Maintenance-free sealed auger and conveyor bearings eliminate daily greasing
- Durable, rounded configuration of hopper enhances the flow of HMA and makes cleanup quick and easy
- High-efficiency 406 mm (16") augers are 19 mm (0.75") thick for better delivery and longer wear; patented power-adjustable height of 114,3 mm to 266,7 mm (4.5" - 10.5") permits the operator to quickly adapt to varying job requirements
- Pinned engine hoods and removable deck plates provide convenient access to vital components; filters are easily accessible and a common-platform electrical system is utilized

## Available Options

- Additional operator's umbrella
- Auger and auger guard extension kits
- Blaw-Kontrol® II
  - Mechanical grade sensor
  - Mobile reference systems
  - Ultra IV® Sonic averaging system
  - UltraEye® V Ultrasonic grade sensor
- Engine shutdown kit
- Generator set
- Light beacon and worklights
- Material indicator kit
- Material management kit
- Truck hitch

## Additional Features

- Hydrostatic direct traction drive eliminates approximately 70% of mechanical drivetrain components
- Easy access electrical circuit boards ensure that service procedures are quick and easy
- Counter-rotating tracks provide superior tight-quartered maneuverability
- Central hydraulic valve block with interchangeable cartridge valves simplifies troubleshooting
- Unitized rear-feed section speeds service access to all major feeder system components by approximately 50%
- The most extensive selection of state-of-the-art equipment options automate and improve the quality of your HMA paving operation



# SPECIFICATIONS

Model	PF4410	
<b>Machine Dimensions</b>		
Basic Screed Width	m (ft)	2,44 (8)
Max Paving Width	m (ft)	7,62 (25)
Paving Depth	mm (in)	6,35 – 203,2 (0,25 – 8)
Hopper Capacity	T (t) /m <sup>3</sup> (cu ft)	7,7 (8.5) / 4,39 (155)
Gauge Width, Center To Center Of Tracks	m (in)	1 937 (76.25)
Length Of Track On Ground	m (in)	2 591 (102)
Track Width	m (in)	355,6 (14)
Travel Height With Exhaust	m (ft)	3,13 (10.27)
Width, Hopper Sides Up	m (ft)	2,50 (8.21)
Width, Hopper Sides Down	m (ft)	3,18 (10.42)
Length, Wedge-Lock Screed	m (ft)	5,24 (17.2)
Length, OmniScreed IA	m (ft)	5,24 (17.2)
Length, UltiMat 16	m (ft)	5,43 (17.83)
<b>Engine</b>		
Make / Model	Cummins QSB 5.9-30T Tier 2	
Rated Power @ Installed Speed	kW (hp)	117,8 (158)
Electrical System	12 volts, negative ground, 130 A alternator	
<b>Propulsion</b>		
Paving Speed	m/min (fpm)	73,8 (242)
Travel Speed	km/h (mph)	13,7 (8.5)
Suspension	Unitized, bolt-on track frames, 6 sets of oscillating bogie wheels	
<b>Weights</b>		
Tractor Only	kg (lb)	13 109 (28,900)
With Wedge-Lock Screed	kg (lb)	14 288 (31,500)
With Wedge-Lock Screed, 2.5/5 Hyd. Extns.	kg (lb)	14 842 (32,720)
With OmniScreed IA	kg (lb)	14 901 (32,850)
With UltiMat 16	kg (lb)	16 307 (35,950)
<b>Miscellaneous</b>		
Cooling Capacity	l (qt)	25 (26)
Fuel Capacity	l (gal)	144 (38)
Hydraulic Reservoir Capacity	l (gal)	151 (40)

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

## Screed Choices

- 2,4 m (8') Wedge-Lock® screed with optional modular extensions can extend paving widths up to 7,6 m (25'); diesel heat
- 2,4 m (8') Wedge-Lock screed with 0,76 m (2.5') hydraulic strike-offs can extend paving widths up to 4 m (13'); optional modular extensions for the telescoping sections increase maximum paving widths to 4,6 m (15'); diesel heat; hydraulic extensions are not equipped with heat and vibration
- 2,4 m (8') power extendible OmniScreed® IA with fully screeded, extended paving width of 4 m (13.13'); optional modular Wedge-Lock extensions increase paving width to 5,2 m (17.17'); diesel-heated
- 2,4 m (8') power extendible UltiMat® 16 screed with a maximum extended paving width of 4,9 m (16'); optional modular extensions can increase maximum paving width to 5,5 m (18')
  - Equipped with a patented, high-efficiency electric heating system
  - Screed has 4 heating zones for even distribution
  - Temperature control automatically maintained by a patented Energy Management System



# 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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