Volvo Construction Equipment is different. It's 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.**

VOLVO

Volvo Construction Equipment
www.volvoce.com/na

Ref. No. VOE 22 A 100 4008
Printed in USA 2008.2-5,0
Volvo, Asheville

English

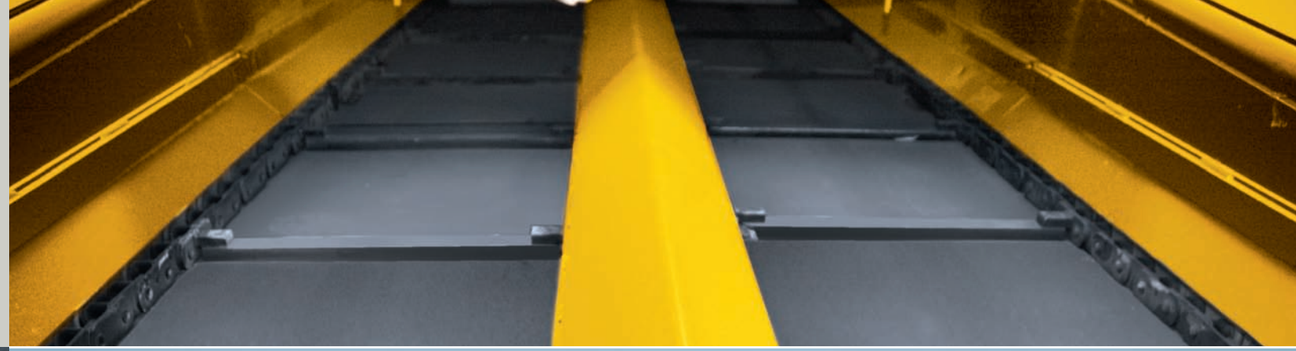
VOLVO TRACKED PAVER

PF6110

MORE CARE. BUILT IN.

VOLVO

WE'RE AS DEDICATED TO PAVING AS YOU ARE



The new highway-class pavers from Volvo Construction Equipment have been designed to take you to the next level of paving, with independent auger and conveyor systems, automatic conveyor tensioning, and a patented front-wheel suspension. Features like these, born of the Blaw-Knox and ABG legacy, have combined with our never-ending commitment to reliable performance to make Volvo the name to trust in road equipment.

Decades of innovations
For years, these pavers have featured innovations that were ahead of their time but quickly became paving industry standards, including:
- Fast-attach extensions
- Extendible tunnels
- Pneumatic rubber tires
- Hydrostatic drive
- Sonic feed controls
- Off-set bogie wheels
- Raising hopper
- Dual operator stations

Ease of operation
Automatic tensioning of the chains ensures the proper performance of the conveyor system — saving maintenance time and costs.

Improved material flow control
Independent control of the auger and conveyor provides optimal control of material flow. Sonic sensors are used to control each of the two auger and conveyor drives while a priming function simplifies the filling of the auger tunnel. Reversible augers and conveyors are available.

Power comes standard
A paver mounted 30 kW **(37.5 kVA)** generator has been integrated as standard into the machine to electrically heat the screed while providing plenty of power for auxiliary applications such as lighting or other jobsite tools.

Environmentally friendly cleaning
An integrated track coating system is standard on all PF6000 Series pavers. The environmentally friendly Blaw-Kote coating system can be used on the complete machine and applied to the tracks with the push of a button.

Unsurpassed operator comfort
The operator seats extend beyond the edge of the machine for improved visibility. Each operator seat can be adjusted forward or rearward, and each console rotates and adjusts at two pivot points for enhanced operator comfort.

NEW VOLVO HIGHWAY-CLASS PAVERS, DESIGNED WITH INNOVATION FROM AROUND THE GLOBE

10


11


12

Job specifications and requirements are impacted by global influences, and Volvo has developed a new line of pavers incorporating technology and innovation from around the world. As an industry-leading manufacturer of paving and compaction products, Volvo has designed the PF6110 with proven components and systems to offer a paver that gives you a competitive edge.

1 Better flotation

The PF6110 has a per track footprint that is 3.3 m **(129")** long and 0.5 m wide. It is the industry's largest, providing for even weight distribution over the tracks and improved flotation.

2 Optimal tractive effort

The PF6110 undercarriage has been completely redesigned using heavy-duty, traction-drive technology and a new tandem-bogie weight distribution system that provides maximum traction during paving and comfortable steering in the travel mode. Machine weight shifts smoothly about the tandem-bogie pivot to maintain optimal ground contact in all operating modes. The undercarriage utilizes six pairs of oscillating bogies and large diameter wheels to ensure maximum component life and smooth operation.

3 Lower operating costs

The PF6110 is powered by an efficient 153 kW **(205 hp)** Cummins QSB6.7 Tier 3 diesel engine that operates at 1,800 rpms to provide better fuel economy and lower operating costs.

4 Easy access cooling system

The variable speed cooling fan provides on-demand cooling, reducing engine power stress. The tiered design of the radiator supplies easy access and serviceability.

5 Ease of use

The intuitive control panel places all controls within the reach of the operator. This design built with rocker switches, a single diagnostic panel and lever steering makes it easy to learn and easy to operate.

6 Screed versatility

Multiple screed configurations are available on the PF6110 tractor with vibratory front- or rear-mounted extensions.

7 Efficient screed heating

All screeds for the PF6110 are heated electrically with heater bar technology, reducing set-up and heating times. The heat bars are interchangeable and can be replaced without removing the screed plate.

8 431.8 mm (17") auger assembly

The auger assembly consists of 431.8 mm **(17")** auger segments to effectively move the material to the endgate.

9 Foldable exhaust system

The SmokEater fumes extraction and engine exhaust are discharged through a combined exhaust tube. The exhaust system is foldable for transport purposes.

10 Onboard diagnostic system

An integrated diagnostic panel provides clear error readouts for quick problem diagnosis and less downtime. It also retrieves and stores information for further analysis.

11 Power Tunnel Synchronization

Standard, two-stage power tunnels operate from the tractor or from the screed and are synchronized to retract in conjunction with the screed. Tunnel extensions range from 3 m **(10')** to 5 m **(16.25')**. This feature provides the contractor more control of the head of material to improve performance.

12 Hopper lock system

This safety mechanism locks the hopper in place for safer transport and service.

SPECIFICATIONS

Blaw-Knox screeds — matched to your application

Gain an advantage with the versatility of Blaw-Knox screeds. Attach a high-density screed to your PF6000 Series paver for base or difficult jobs; switch to a high-production vibratory screed for routine projects.

High-Production

Omni 318	Power extendible screed

High-Density

Omni 1000	Vibratory screed

Front-mounted extensions		**Omni 318**
Vibration / Tamping System		Vibratory
Basic Screed Width	m **(ft)**	3,05 **(10)**
Standard Paving Width	m **(ft)**	3,05 – 5,49 **(10 – 18)**
Max Paving Width	m **(ft)**	7,92 **(26)**
Paving Depth	mm **(in)**	6 – 305 **(0.25 – 12)**
Screed Width	mm **(in)** Main	457 **(18)**
	Optional	635 **(25)**
	Extensions (front to rear)	457 **(18)**
Screed Plate Thickness (All)	mm **(in)**	13 **(0.5)**
Screed Weight	kg **(lb)**	3 425 **(7,550)**
Vibratory Speed	Hz **(vpm)**	16,67 – 40 **(1,000 – 2,400)**

Rear-mounted extensions		**Omni 1000**
Vibration / Tamping System		Vibratory
Basic Screed Width	m **(ft)**	3 **(9.8)**
Standard Paving Width	m **(ft)**	3 – 6 **(9.8 – 19.7)**
Max Paving Width	m **(ft)**	8 **(26.2)**
Paving Depth	mm **(in)**	6 – 305 **(0.25 – 12)**
Screed Width	mm **(in)** Main	450 **(17.7)**
	Optional	635 **(25)**
	Extensions (front to rear)	450 **(17.7)**
Screed Plate Thickness (All)	mm **(in)**	15 **(0.59)**
Screed Weight	kg **(lb)**	4 000 **(8,818)**
Vibratory Speed	Hz **(vpm)**	8,33 – 50 **(500 – 3,000)**

Designed for the customer, by the customer

We put all of our global engineering resources into this paver. We also sought input from our customers to help us better understand the challenges contractors face on a daily basis.

You're not just buying equipment — you're investing in the future of your business. We're committed to serving you after the sale through our dealer support system and their understanding of the paving industry. Working together, Volvo and your dealer protect the value of your investment by providing financial solutions, Road Institute training, and aftermarket support. Make Volvo your equipment manufacturer of choice.

Model		**PF6110**
Machine Dimensions		
Basic Screed Width	m **(ft)**	3,05 **(10)**
Max Paving Width	m **(ft)**	7,92 **(26)**
Paving Depth	mm **(in)**	6,35 – 304,8 **(0.25 – 12)**
Hopper Capacity	T **(t)** / m^3 **(cu ft)**	13,04 **(14.38)** / 6,51 **(230)**
Weight Of Tractor Only	kg **(lb)**	18 174 **(40,066)**
	w/ Omni 318	21 597 **(47,614)**
	w/ Omni 1000	22 173 **(48,884)**
Track Length / Wheelbase	mm **(in)**	3 454,4 **(136)**
Operating Height	mm **(in)**	3 810 **(150)**
Width	mm **(in)** Hopper Sides Up	2 997,2 **(118)**
	Hopper Sides Down	3 276,6 **(129)**
Inside Hopper Width	mm **(in)**	3 225,8 **(127)**
Max Tractor Length	mm **(in)**	5 232,4 **(206)**
Engine		
Make / Model		Cummins QSB 6.7 Tier 3 electronic engine w/ CAC
Rated Power @ Installed Speed	kW **(hp)**	153 **(205)**
Propulsion		
Suspension		Continuous rubber track
Track Width / Drive Tire Size	mm **(in)**	482,6 **(19)**
Front Wheel Size	mm **(in)**	508 **(20)**
Traction Drive		Hydrostatic direct drive
Paving Speed	m/min **(fpm)**	75 **(246)**
Travel Speed	km/h **(mph)**	16,1 **(10)**
Miscellaneous		
Fuel Tank Capacity	l **(gal)**	302,8 **(80)**
Hydraulic Tank Capacity	l **(gal)**	236,6 **(62.5)**
Auger Diameter	mm **(in)**	431,8 **(17)**
Adj Height Augers	mm **(in)**	114,3 – 241,3 **(4.5 – 9.5)**

Available Options

- 3-function screed assist
- Air intake screen
- Balloon light kit (as shown)
- Beacon
- Blaw-Kontrol
- Floating beam
- Flood light
- Light tower
- Material indicator alarm
- Reversible augers
- Reversible conveyors
- Screed remote control
- Special paint
- Truck hitch
- Ultra® 4 reference kit