



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.**



*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/na](http://www.volvoce.com/na)

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English

VOLVO WHEELED PAVER

**PF161**



**MORE CARE. BUILT IN.**





# EVERY JOB RIDES ON QUALITY AND VERSATILE PERFORMANCE

The Volvo PF161 is a mid-sized, wheel-mounted paver / finisher utilizing Blaw-Knox technology, and is capable of placing bituminous base, binder, and surface course mixes, cement- or lime-stabilized sub-base, and graded aggregate.

**Performance Features**

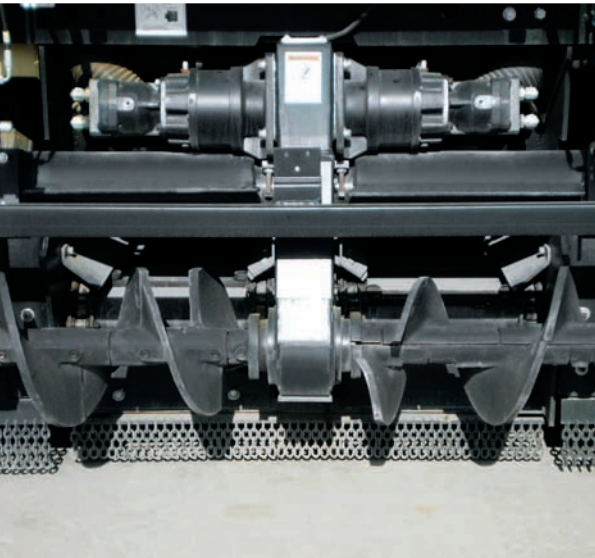
- Low-pressure tires are exclusive to Volvo and provide a larger footprint for better flotation and traction
- Offset bogie front suspension is exclusive to Volvo, and distributes the weight of the front end more evenly for better traction
- Maintenance-free sealed auger and conveyor bearings eliminate daily greasing
- High-efficiency 406 mm (16") augers are 19 mm (0.75") thick for better delivery and longer wear; patented power-adjustable height of 114 mm – 279 mm (4.5" – 11") permits the operator to quickly adapt to varying job requirements
- Single, swing-mounted operator console and two control stations allow operators the convenience and control to work safely with the best visibility
- Pinned engine hoods and removable deck plates provide convenient access to vital components; filters are easily accessible.
- Automatic feed system control uses Mat Kontrol® II with a choice of paddle sensors or Ultra III® Sonic sensors

**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
- Front wheel assist
- Hydraulic power tunnels and baffles (chain curtains)
- 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 faster and easier
- Central hydraulic valve block with interchangeable cartridge valves speeds service access and 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	PF161	
Machine Dimensions		
Basic Screed Width	m (ft)	2,44 (8)
Max Paving Width	m (ft)	5,8 (19)
Paving Depth	mm (in)	6,35 – 203,2 (0.25 – 8)
Hopper Capacity	T (t) / m³ (cu ft)	8 (9.8) / 5,1 (181)
Gauge Width, Center To Center Of Drive Wheels	mm (in)	1 994 (78.5)
Wheelbase	mm (in)	1 905 (75)
Travel Height With Exhaust	m (ft)	3,05 (10)
Width, Hopper Sides Up	m (ft)	2,5 (8.21)
Width, Hopper Sides Down	m (ft)	3,22 (10.42)
Length, Wedge-Lock Screed	m (ft)	5,24 (17.2)
Length, OmniScreed IA	m (ft)	5,39 (17.7)
Engine		
Make / Model	Cummins Elite 4BTA 3.9	
Rated Power @ Installed Speed	kW (hp)	80 (107)
Electrical System	12 volts, negative ground, 105 A alternator	
Propulsion		
Paving Speed	m/min (fpm)	59,8 (196)
Travel Speed	km/h (mph)	15,9 (9.9)
Rear Suspension	(2) 14" x 20" low-pressure, sand rib, high-flotation, hydroflated tires	
Front Suspension	mm (in)	(4) 305 x 559 (12 x 22) solid rubber-tired wheels
Weights		
Tractor Only	kg (lb)	9 230 (20,350)
With Wedge-Lock Screed	kg (lb)	10 432 (23,000)
With OmniScreed IA	kg (lb)	11 022 (24,300)
Miscellaneous		
Cooling Capacity	l (qt)	24,6 (26)
Fuel Capacity	l (gal)	144 (38)
Hydraulic Reservoir Capacity	l (gal)	189 (50)

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

**Screed Choices**

- 2,44 m (8') Wedge-Lock® screed has optional modular extensions to extend paving width up to 5,8 m (19'); diesel-heated screed
- 2,44 m (8') Wedge-Lock screed with 0,8 m – 1,5 m (2.5') hydraulic extensions to extend paving width up to 4 m (13'); optional modular extensions for the telescoping sections can increase maximum paving widths to 4,6 m (15'); diesel-heated; hydraulic extensions are not equipped with heat and vibration
- 2,44 m (8') power extendible OmniScreed® IA with a fully screeded extended paving width of 4 m (13.13'); optional modular Wedge-Lock extensions can increase maximum paving widths to 5,2 m (17.17'); diesel-heated

