

PF-3200 Blaw-Knox Paver



Model shown with Omni VII screed.

A Productive Paver for Every Application

The Blaw-Knox PF-3200 is a high-capacity, wheel-mounted paver / finisher capable of placing bituminous base, binder and surface course mixes, cement or lime stabilized sub-base and graded aggregate materials. Practical production rate capability is approximately 865 tons (785 T) per hour, which is approximately 35 percent of the machine's theoretical capacity.

KEY FEATURES

- Low-pressure Tires — exclusive to Blaw-Knox, provide a larger footprint for better flotation and traction.
- Offset Bogie Front Suspension — exclusive to Blaw-Knox, this unique design distributes the weight of the front end more evenly for better traction.
- Clamp-in Conveyor Floor Plates — exclusive to Blaw-Knox, clamp-in conveyor floor plates reduce maintenance time required, making them a vastly superior alternative to traditional bolt-in designs.
- Maintenance-free Sealed Auger and Conveyor Bearings — eliminates daily greasing.
- High-efficiency 16-inch Augers — 3/4-inch thick for better delivery and longer wear. Patented power adjustable height 4.5" – 11" (115 – 279 mm) permits the operator to quickly adapt to varying job requirements.
- Dual Operator Consoles — two fully equipped control stations allow operators the convenience and control to work safely with the best visibility.
- Designed for Easy Maintenance — 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.
- Parts Commonality — approximately 90 percent of the wear parts on 10-foot pavers are common to other Blaw-Knox pavers in their class.

PF-3200 Blaw-Knox Paver Specifications

ADDITIONAL FEATURES

- Hydrostatic Direct Traction Drive — eliminates approximately 70 percent of mechanical drivetrain components.
- Easy Access Electrical Circuit Boards — service procedures are faster and easier.
- Central Hydraulic Valve Block with Interchangeable Cartridge Valves — speeds service access and simplifies troubleshooting.
- Unitized Rear Feed Section — reduces service access time to all major feeder system components by approximately 50 percent.
- The Most Extensive Selection of State-of-the-Art Equipment Options — to automate and improve the end result quality of your HMA paving operation.

OPTIONS / ACCESSORIES

- Additional operator's umbrella
- Auger and auger guard extension kits
- Back-up alarm
- Blaw-Kontrol® II
 - Mechanical Grade Sensor
 - UltraEye® V Ultrasonic Grade Sensor
 - Ultra IV™ Sonic Averaging System
 - Mobile Reference Systems
- Engine Shutdown Kit
- Front Wheel Assist
- Generator set
- Hydraulic power tunnels and baffles (chain curtains)
- Material Indicator Kit
- Material Management Kit
- Mixer / agitator
- Power flight augers
- Light beacon and worklights
- Tower Lighting Kit
- Truck hitch

SCREED CHOICES

- **10' (3.05 m) Wedge-Lock® Screed** with optional modular extensions to extend paving width up to a standard maximum of 27' 0" (8.23 m), custom extended widths to 30' 0" (9.14 m). Heating choices of diesel, propane or electric available.
- **10' (3.05 m) Wedge-Lock Screed with 3/6 Hydraulic Extensions** to extend paving width up to a maximum of 16' 0" (4.88 m). Optional modular extensions for the telescoping sections will increase the maximum paving width to 18' 0" (5.49 m). Heating choices of diesel, propane or electric available. Hydraulic extensions are not equipped with heat and vibration.
- **10' (3.05 m) Power Extendible OmniScreed® III** with a maximum, fully screeded, extended paving width of 18' 0" (5.49 m). Optional modular Wedge-Lock extensions will increase the maximum paving width to 24' 0" (7.32 m), diesel heated.
- **10' (3.05 m) Power Extendible OmniScreed VII** with rear-mounted extendible sections and telescoping prestrike-off plates with a maximum fully screeded, extended paving width of 19' 3" (5.87 m). Optional modular extensions will increase the maximum paving width to 30' 0" (9.14 m), heating choices of diesel or propane.
- **10' (3.05 m) Power Extendible UltiMat® 20 Screed** with a maximum extended paving width of 20' 0" (6.1 m). Optional modular extensions will increase the maximum paving width to 22' 0" (6.71 m).
 - Equipped with a patented, high-efficiency electric heating system
 - Four heating zones for even distribution
 - Temperature control automatically maintained by a patented Energy Management System

MODEL	PF-3200	
MACHINE DIMENSIONS	US	METRIC
Basic Screed Width	10'	3.05 m
Max Paving Width	30'	9.14 m
Paving Depth	1/4" – 12"	6.35 – 304.8 mm
Hopper Capacity	14 t (225 cu ft)	12.5 T (6.37 m³)
Gage Width — Center to Center of Drive Wheels	89.2"	2266 mm
Wheelbase	109"	276.9 mm
Travel Height with Exhaust	10' 4"	3.15 m
Width — Hopper Sides Up	10'	3.05 m
Width — Hopper Sides Down	10' 4"	3.15 m
Length — Wedge-Lock Screed	20' 10"	6.35 m
Length — UltiMat 20	21' 7"	6.59 m
Length — OmniScreed III	21' 9"	6.63 m
Length — Omni VII Screed	22' 5"	6.83 m
ENGINE		
Brand	Cummins QSB 5.9-30TAA	
Horsepower @ 2,100 rpm	188 hp	140.2 kW
Electrical System	12V, negative ground with 130A alternator	
PROPULSION		
Paving Speed	269 fpm	82.0 m/min
Travel Speed	10.9 mph	17.5 km/h
Rear Suspension (2) 18.00 x 25 low pressure, sand rib, high floatation, hydroflated tires		
Front Suspension	(2) 14" x 22" solid rubber tires, offset bogie frame	
WEIGHTS		
Tractor Only	29,500 lb	13381 kg
With Wedge-Lock Screed	32,700 lb	14832 kg
With Wedge-Lock Screed with 3/6 Hyd. Extns.	34,135 lb	15483 kg
With OmniScreed III	35,220 lb	15976 kg
With UltiMat 20	36,160 lb	16402 kg
With Omni VII Screed	36,715 lb	16654 kg
MISCELLANEOUS		
Cooling Capacity	28 qt	26.5 L
Fuel Capacity	54 gal	204 L
Hydraulic Reservoir Capacity	54 gal	204 L

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