



# PF-161

*Blaw-Knox Pavers*



*Moving the  
World Forward*

# Every job rides on quality and versatile performance

The Ingersoll Rand Blaw-Knox PF-161 is a mid-sized, wheel-mounted paver / finisher capable of placing bituminous base, binder, and surface course mixes, cement- or lime-stabilized sub-base, and graded aggregate.

MODEL	PF-161
<b>MACHINE DIMENSIONS</b>	
Basic Screed Width – ft (m)	8' (2.44)
Max Paving Width – ft (m)	19' (5.8)
Paving Depth – in (mm)	0.25" – 8" (6.35 – 203.2)
Hopper Capacity – t (T) / cu ft (m <sup>3</sup> )	9.8 (8) / 181 (5.1)
Gauge Width, Center To Center Of Drive Wheels – in (mm)	78.5" (1994)
Wheelbase – in (mm)	75" (1905)
Travel Height With Exhaust – ft (m)	10' (3.05)
Width, Hopper Sides Up – ft (m)	8' 2-1/2" (2.5)
Width, Hopper Sides Down – ft (m)	10' 5" (3.22)
Length, Wedge-Lock Screed – ft (m)	17' 2-3/8" (5.24)
Length, OmniScreed IA – ft (m)	17' 8-3/8" (5.39)
<b>ENGINE</b>	
Make / Model	Cummins Elite 4BTA 3.9
Rated Power @ 2,100 rpm – hp (kW)	107 (80)
Electrical System	12 V, negative ground, 105 A alternator
<b>PROPULSION</b>	
Paving Speed – fpm (m/min)	196 (59.8)
Travel Speed – mph (km/h)	9.9 (15.9)
Rear Suspension	(2) 14" x 20" low-pressure, sand rib, high-flotation, hydroflated tires
Front Suspension	(4) 12" x 22" solid rubber-tired wheels
<b>WEIGHTS</b>	
Tractor Only – lb (kg)	20,350 (9230)
With Wedge-Lock Screed – lb (kg)	23,000 (10432)
With OmniScreed IA – lb (kg)	24,300 (11022)
<b>MISCELLANEOUS</b>	
Cooling Capacity – qt (L)	26 (24.6)
Fuel Capacity – gal (L)	38 (144)
Hydraulic Reservoir Capacity – gal (L)	50 (189)

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

## SCREED CHOICES

- 8' Wedge-Lock® screed has optional modular extensions to extend paving width up to 19'; diesel-heated screed
- 8' Wedge-Lock screed with 2.5/5 hydraulic extensions to extend paving width up to 13'; optional modular extensions for the telescoping sections can increase maximum paving widths to 15'; diesel-heated; hydraulic extensions are not equipped with heat and vibration
- 8' power extendible OmniScreed® IA with a fully screeded extended paving width of 13' 1-1/2"; optional modular Wedge-Lock extensions can increase maximum paving widths to 17' 2"; diesel-heated

## 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

## PERFORMANCE FEATURES

- Low-pressure tires are exclusive to Blaw-Knox and provide a larger footprint for better flotation and traction
- Offset bogie front suspension is exclusive to Blaw-Knox, 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 16" augers are 3/4" thick for better delivery and longer wear; patented power-adjustable height of 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 and a common-platform electrical system is utilized
- Automatic feed system control uses Mat Kontrol® II with a choice of paddle sensors or Ultra 3® 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



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