



PF-150

Blaw-Knox Pavers



*Moving the
World Forward*

The right size for maneuverability and performance

The Ingersoll Rand Blaw-Knox PF-150 is a wheel-mounted, compact paver / finisher capable of placing bituminous base, binder, and surface course mixes, cement- or lime-stabilized sub-base, and graded aggregate materials. This fully functional, compact paver provides the means to successfully complete more complex and diverse projects comfortably.

MODEL	PF-150
MACHINE DIMENSIONS	
Basic Screed Width – ft (m)	8' (2.44)
Max Paving Width – ft (m)	13' (3.96)
Paving Depth – in (mm)	1/4" – 6" (6.35 – 152.4)
Hopper Capacity – t (T) / cu ft (m ³)	7 (6.4) / 107 (3.03)
Gauge Width, Center To Center Of Drive Wheels – in (mm)	77-3/4" (1975)
Wheelbase – in (mm)	84" (213.4)
Travel Height With Exhaust – ft (m)	9' 9" (2.97)
Width, Hopper Sides Up – ft (m)	8' 2-1/4" (2.5)
Width, Hopper Sides Down – ft (m)	10' 5" (3.18)
Length, Wedge-Lock Screed – ft (m)	15' 3" (4.65)
ENGINE	
Make / Model	Deutz F3L912D
Horsepower @ 2,300 rpm – hp (kW)	49 (37)
Electrical System	12 V, negative ground, 62 A alternator
PROPULSION	
Paving Speed – fpm (m/min)	134 (40.8)
Travel Speed – mph (km/h)	11.6 (18.7)
Rear Suspension	(2) 14" x 20" low-pressure, sand rib, high-flotation tires, hydroflated to 75%
Front Suspension	(2) 12" x 22" solid rubber-tired wheels
WEIGHTS	
Tractor Only – lb (kg)	12,290 (5575)
With Wedge-Lock Screed – lb (kg)	15,290 (6935)
MISCELLANEOUS	
Fuel Capacity – gal (L)	30 (114)
Hydraulic Reservoir Capacity – gal (L)	24 (91)

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® vibratory screed comes with a one-piece, 14" x 3/8", bolt-on replaceable, abrasion-resistant, alloy steel screed plate. There are also two 2-1/2' independent, telescoping hydraulic screed extensions available, with edger guides and adjustable edger plates.

Standard Paving Width With Cut-off Plates – ft (m)	6' – 13' (1.83 – 3.96)
Paving Depth Range – in (mm).....	1/4" – 6" (6 – 152)
Center Crown – in (mm).....	3" (76) positive to 3/4" (19) negative
Vibrator Speed – rpm (Hz)	0 – 2,800 (0 – 47)
Heat	2 unitized, diesel-fueled SureFire burner / blowers, each with switch-activated spark igniter

The two telescoping hydraulic screed extensions (one on each end of the basic screed) are equipped with integral 4-5/8" replaceable screed plates, which permit most material to be placed with an ironed surface texture similar to that placed by the main screed. Slope adjustment range is up to 1" in 12" positive at any extended width.

ADDITIONAL FEATURES

- 49-hp Deutz diesel engine offers more available horsepower at lower engine rpm
- Switch-actuated pivot steering provides superior tight-quartered maneuverability
- SureFire® screed burners provide trouble-free ignition and smoke-free combustion
- Optional remote location control reduces overall operating height and permits operational control from the screed
- Optional automatic level control automatically controls the elevation of the new mat
- A pressurized washdown system with 35' hose and spray valve nozzle is standard
- Dual feed systems separate hydrostatic drive for right- and left-side feed systems provide optimum auger / conveyor operation throughout the machine's entire capability range
- Conveyor shafts, bearings, seals, and drive elements are all oversized, high-endurance components providing extended service life and a higher rate of machine availability

PERFORMANCE FEATURES

- Wheel-mounted mobility provides smoother, quieter operation and faster travel speeds with less maintenance
- Hydrostatic traction and feeder drives offer more usable power and greater reliability
- Dual independent feed systems give precise control of material flow throughout the entire paving range for superior mat quality
- On-the-go paving width flexibility from 8' – 13' reduces handwork, screed set-up time, and total job time
- Top-side (on-deck) operator control stations provide cooler, cleaner operating environments, and optimum visibility
- Easy access serviceability reduces normal maintenance time by approximately 40%
- High efficiency 11" diameter augers are equipped with replaceable, abrasion-resistant, cast-steel segments on flights and shafts for maximum service life

AVAILABLE OPTIONS

- 1' auger and tunnel extension
- Additional cut-off plate and extension
- Additional operator's seat
- Additional operator's umbrella
- Automatic level control (joint matcher)
- Berm attachment
- Bevel edger plates
- Oscillating push rollers
- Power flow gates
- Power slope for hydraulic screed extensions
- Remote location control package
- Wedge-Lock screed extensions



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