RP-175f
Highway Class Asphalt Paver

Engine
- Stage V / T4F Cummins® B4.5 173 hp (130 kW) @ 2,200 rpm
- Tier 3 Cummins® QSB.4.5 170 hp (127 kW) @ 2,500 rpm

Weight
- 32,500 lb (14,741 kg)

Chassis
- .5 in (13 mm) thick continuous side sheets
- 2 in (51 mm) cross frame with 2 in (51 mm) push plate/roller

Electrical System
- Two 4D batteries & 120 amp alternator
- 24 V system with master disconnect switch
- Electrohydraulic valves with manual override and LED indicators

Cooling System
- Low noise, variable speed, hydraulically-driven dual fan
- 43.2 kW direct drive generator

Propel System
- Variable-displacement hydraulic pumps
- Two-speed hydraulic motor
- Direct hydraulic, single-speed planetary final drives

Tracks
- 16 in (406 mm) wide, smooth tread rubber track

Fume Extraction System
- Clearview FXS® fume extraction system
- Clear view to the front and to the augers

Brake System
- Hydrodynamic brakes and parking brake

Paving Speed
- 0 - 210 fpm (64 mpm)

Travel Speed
- 0 - 7 mph (12.8 km/hr)

Operator Stations
- Two Comfort Drive™ operator stations
- Operator stations can hydraulically pivot out past edge of machine for increased visibility

Front Hopper Capacity
- 10 tons (9 mt)

Feed System
- Independently-driven, variable-speed feeder conveyors with 400 BHN liners
- Electric flow gates for proper material distribution behind paver
- Sonic feeder control system
- Cast, 16 in (406 mm) diameter, 0.75 in (19 mm) thick, Ni-hard augers
- Hydraulically raise, lower and tilt auger assembly
- Rear augers can be controlled independently of feeders

Service Capacities

- Fuel tank - 76 gal (288 L)
- Hydraulic fluid tank - 45 gal (249 L)
- Cooling system - 6 gal (23 L)
- DEF - 10 gal (38 L)

Non-Contacting Screed Automation

- TOPCON® sonic grade & slope control
- MOBA® sonic grade & slope control
- TOPCON sonic averaging ski with hardware
- MOBA sonic averaging ski with hardware

S-8 Screed

- Fixed-width 8 ft (2.44 m) electrically-heated, vibratory screed with 26 in (660 mm) screed plate
- Paves up to 24 ft (7.32 m) wide with extensions

EZIV-8 Screed

- Front extendable electrically heated, vibratory screed with 26 in (660 mm) long screed plate
- Paves up to 15 ft (4.59 m)

EZR2-8 Screed

- Rear extendable 8 ft (2.44 m) electrically-heated, vibratory screed with 20 in (508 mm) screed plate depth
- Paves up to 15 ft 6 in (4.72 m) wide

All Screeds

- 0.5 in (12.7 mm) thick 400 Brinell® wearing surface
- Thermostat controlled electric heat

Hydraulic Screed Assist Package

- Constant up pressure on screed while in pave mode (forward and neutral)

Hydraulic Screed Boost Package

- Pressurizes screed lift cylinders when paver is stopped in neutral to prevent depression in mat
- Adjustable lifting pressure
- Adjustable time for pressure release with forward motion (0-10 seconds)

Physical and Operating Characteristics

Dimension	Imperial	Metric
Engine	Cummins®	
Model	B4.5	
Max Power	173 hp @ 2,200 rpm	130 kW @ 2,200 rpm
Number of Cylinders	4	
Electrical System	24 v	
Shipping Length with Screed	20' 8"	6.294 m
Shipping Width (with endgates)	8' 10"	2.693 m
Shipping Width (without endgates)	8' 4"	2.55 m
Shipping Height	10' ¼"	3.067 m
Tractor Operating Width	10' 2"	3.09 m
Weight (Tractor Only)	32,500 lb	14,741 kg
Weight with S-8 Screed	37,800 lb	17,145 kg
Weight with EZIV-8 Screed	38,850 lb	17,655 kg
Weight with EZR2-8 Screed	40,775 lb	18,495 kg
Fuel Tank Capacity	76 gal	288 L
Hydraulic Tank Capacity	45 gal	170 L
Cooling System Capacity	6 gal	23 L
DEF Tank Capacity	10 gal	38 L
Final Drive	2 speed	
Number of Drive Pumps	2	
Number of Drive Motors	2	
Paving Speed	0 - 210 fpm	64 mpm
Travel Speed	0 - 7 mph	12.8 kph
Steering	Joystick	
Controls Movement	Hydraulic swing	
Suspension	Rubber Track	
Track Band Width	16"	406 mm
Bogies	14" diameter	356 mm diameter
Hopper Width (Truck Entry)	10" .5"	3.060 m
Hopper Capacity	10 tons	9.07 mt
Feed Control	Sonic and Flow Gates	
Auger Diameter	16"	406 mm
Distance Between Augers and Back Wall	1.5"	38 mm
Minimum Auger Height	2"	51 mm
Hydraulic Tunnel Extensions	8" Standard; 12" Bolt-On Optional	

Note: Consult factory for exact dimensions, specifications are subject to change without notice.

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