

RP-190

Highway Class Asphalt Paver



Engine

- Tier 4F, Cummins® QSB6.7 230hp (172kW) @ 1,900 rpm
- Tier 3, Cummins® QSB6.7 230hp (172kW) @ 1,900 rpm* (Tier 3 for lesser regulated countries)

Shipping Weight

- 36,700lb (16,646kg)

Chassis

- .75" (19 mm) thick continuous side sheets
- 2" (51 mm) thick front cross frame member

Electrical System

- Two 4D batteries & 95 amp alternator
- 24v system with master disconnect switch and remote diagnostics via Roadtec Guardian® Remote Telematics System
- Electric-over-hydraulic solenoids with manual override

Cooling System

- Low noise, variable speed, hydraulically driven fan

Propel System

- Variable-displacement hydraulic pumps
- Two-speed hydraulic motor. Direct hydraulic, single speed planetary final drives.
- Hydraulic steering wheel control

Tires

- (2) hydroflated high flotation 18:00-25 sand rib drive tires
- Dual 14" (356 mm) x 22" (559 mm) front bogies

Fume Extraction System

- Clearview FXS® fume extraction system. Clear view to the front and of the augers

Brake System

- Hydrodynamic brakes and parking brake

Paving Speed

- 0-284 fpm (86 m/min)

Travel Speed

- 0-12 mph (19 k/hr)

Operator Stations

- Hydraulic swing Comfort Drive™ operator stations. Operator stations can rotate out past edge of machine for increased visibility. Controls move with seat.
- Armrest Comfort Drive™ finger tip paver function control.

Front Hopper Capacity

- 13.8 ton (12.5 mt) / 252 ft³ (7.1 m³) . Does not include tunnels

Feed System

- Independently driven, variable-speed feeder conveyors
- 650 BHN center chromium carbide clad conveyor plates. Bolt free design. Sonic feeder control system
- Cast, 16" (406 mm) dia., 0.75" (19 mm) thick, ni-hard augers. Hydraulically raise, lower and tilt auger assembly.
- Electric flow gates for easy control of head of material augers. Hydraulically raise, lower and tilt auger assembly. Rear augers can be controlled independent of feeders

Service Capacities

- Fuel Tank - 100 gal (379 l)
- Hydraulic Fluid Tank - 76 gal (288 l)
- Cooling System - 9 gal (34 l)
- DEF - 5 gal (18.9 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-10 Screed

- Standard, fixed-width 10' (3,048mm) electrically heated, vibratory screed. 32" (813mm) long screed plate
- Paves up to 30' (9,144mm) wide with extensions

EZIV-10 Screed

- Front extendable 10' (3,048mm), electrically heated, vibratory screed. 26" (660mm) long screed plate
- Paves up to 19' (5,182mm) wide

EZ-R2-10 Screed

- Rear extendable 10' (3,048mm) electrically heated, vibratory screed. 20" (508mm) long screed plate
- Paves up to 19'-6" (5,944mm) wide

All Screeds

- 0.5" (12.7mm) thick 400 Brinell® wearing surface
- Thermostat controlled electric heat with 34 kW generator
- Standard outlets for additional lighting and accessories

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)

Tractor Options

- Front wheel assist (optional)
- Hydraulic tunnel extensions

Physical and Operating Characteristics

Dimension	Standard	Metric
Engine MFG	Cummins	
Model	Tier 4F QSB6.7 Tier 3 QSB6.7	
Max Power	230hp @ 1,900 rpm	172kW @ 1,900 rpm
Number of Cylinders	6	
Electrical System	24v	
Shipping Length (Tractor Only)	17' 7"	5,353mm
Shipping Length with Rear Mount Screed	22' 7"	6,907mm
Shipping Width	10' 6"	3,194mm
Shipping Height	10' 3/4"	3,067mm
Tractor Operating Width	10' 6"	3,194mm
Deck Height	6' 2"	1,886mm
Wheelbase	9' 2"	2,845mm
Inside Turning Radius	11' 3"	2.82m
Weight (Tractor Only)	36,700lb	16,646kg
Hydraulic Tank Capacity	76 gal	288 ltr
Fuel Tank Capacity	100 gal	379 ltr
Cooling System	9 gal	34 ltr
DEF	5 gal	18.9 ltr
Final Drive	2 speed	
Number of Drive Pumps	2	
Number of Drive Motors	2	
Paving Speed	0-284 fpm	86 mpm
Travel Speed	0-12 mph	19.3 kph
Rear Tire Size	18.00 R25	
Front Tire Size	14" x 22"	356 x 559mm
Ground Clearance	7"	180mm
Steering	Steering Wheel	
Controls Movement	Hydraulic Swing	
Suspension	Rubber Tire	
Front Bogies	Balanced	
Hopper Capacity	13.8 ton/252 ft ³	12.5 mt/7.1 m ³
Hopper Width	10' 3"	3130mm
Feed Control	Sonic and Flow Gates	
Auger Diameter	16"	406mm
Distance Between Augers and Back Wall	1.5"	38mm
Minimum Auger Height	2"	51 mm
Hydraulic Tunnel Extensions	Optional	