

# RP-250

## Highway Class Asphalt Paver



### Engine

- Cummins® QSB6.7 Tier 4 Final/Stage IV 250 hp (186 kW) @ 1,900 rpm

### Weights

- 39,500 lbs (17 463 kg)

### 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 24.5X32 diamond tread tires
- Dual 14" (356 mm) x 22" (559 mm) front bogies

### Frame Raise System

- Hydraulic cylinder lift of rear frame for 4" for extra clearance
- Auto leveling through open flow helps ensure smooth screed pull

### 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

- 0-233 fpm (71 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

- 15.8 ton capacity for HMA

### 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

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

### **EZIV-10 Screed**

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

### **EZ-R2-10 Screed**

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

### **All Screeds**

- 0.5" (12.7 mm) 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 (optional)