10’ (3 M) RUBBER TIRE ASPHALT PAVER

ENGINE
Tier 4i, Cummins® QSB 6.7 230 hp (172 kW) @ 1,800 rpm

OPERATING WEIGHT
38,800 lbs (17,600 kg)
Overview: RP-190
The RP-190 is a powerful, 10’ (3 m) rubber-tire paver made for highway work. Seats of the dual operator stations can move hydraulically out beyond the sides of the machine to give the operator an excellent view down the sides of the machine. The two-way adjustable operator seats feature a ride control tension system for ultimate comfort. Noise levels of the Tier 4i Roadtec pavers are among the lowest in the industry thanks to variable speed fans. Roadtec pavers come equipped with standard fume extraction systems for the operator area. Like all Roadtec pavers, the RP-190 features Roadtec’s exclusive anti-segregation design of the feed tunnel, the feed tunnel discharge, and the rear augers. Plus you get exclusive features like our Guardian™ remote telematics and diagnostics system.

Frame
All Roadtec asphalt pavers start with an extremely strong frame completely fabricated, welded and assembled by us. This gives us complete control over the design and quality of the build.

Visibility
The seats and controls mounted to the seat station pivot out past the side of the machine for increased visibility. The entire assembly hydraulically pivots so the operator can position himself as to see not only down the side of the machine but also back to the screed and down to the material tunnel.
Hydraulic Pumps
The RP-190 uses Sauer Danfoss® Series 90 hydraulic pumps for propel and material feed. These large easily serviced pumps allow the entire hydraulic circuit to run extremely cool greatly prolonging the life and lowering the maintenance costs of all components.

Disc Brakes
All Roadtec rubber tired pavers exclusively feature disc brakes standard. This allows the operator to stop the machine at any time by stepping on a pedal and not only relying on the hydrostatics.

Augers
The auger assembly on Roadtec pavers can be hydraulically raised and lowered. This feature can assist in eliminating segregation in certain mixes and is very helpful during the loading and unloading process as well as constructing “supers”. Standard sonic feed sensors control each side of the feed system.

Feed System
All Roadtec pavers feature a 13” (330 mm) high conveyer opening for excellent throughput and have bolt-in and slide-in wear resistant liners. Each conveyer is independently driven so material delivery can be fine tuned for each side. The space between the conveyers has been minimized which allows mix to be conveyed out as one uniform flow, greatly reducing segregation.

Delta Plate and Close Proximity of Augers to Conveyors
The Delta Plate defines the front wall of the material tunnel, preventing mix from rolling forward under paver, a main cause of centerline segregation. It also removes mix from the conveyors providing better conveyor efficiency.

Options

**Miscellaneous**
- Front wheel assist
- Hydraulic tunnel extensions
- Hopper insert (for use with the Roadtec Shuttle Buggy® MTV)

**Truck Hitch**
- Controls rollers that engage to truck’s wheels (replaces push rollers)

**Lubrication**
- Automated lubrication system

**Additional Lighting**
- Premium light package – (8) 24v high-intensity discharge (HID) lights for higher levels of light.
- Airstar® balloon light assembly –500W halogen bulbs, fan, telescoping pole, two brackets & case.
- Light blades
ENGINE
- Tier 4i, Cummins® QSB 6.7 230 hp (172 kW) @ 1,800 rpm

WEIGHT
- 38,800 lbs (17,600 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

SPEED
- Paving speed: 0-284 fpm (86 m/min)
- Travel speed: 0-12 mph (19 k/hr)

BRAKE SYSTEM
- Hydrodynamic disc caliper brakes and parking brake

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

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.

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

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

SERVICE CAPACITIES
- Fuel Tank ................................................................. 100 gal (379 l)
- Hydraulic Fluid Tank .................................................. 76 gal (288 l)
- Cooling System .......................................................... 8.75 gal (33 l)

SHIPPING WEIGHTS & LENGTHS [APPROXIMATE]

<table>
<thead>
<tr>
<th>TRACTOR ONLY</th>
<th>38,800 lbs (17,600 kg) / 17’6-3/4” (5353)</th>
<th>CARLSON E IV-10</th>
<th>7,200 lbs (3,270 kg) / 22’7 7/8’’ (6906)</th>
</tr>
</thead>
<tbody>
<tr>
<td>S-10</td>
<td>6,200 lbs (2,812 kg) / 22’5 5/16” (6840)</td>
<td>EAGLE 10</td>
<td>8,200 lbs (3,720 kg) / 22’9 3/8” (6944)</td>
</tr>
<tr>
<td>CARLSON E III-10</td>
<td>6,100 lbs (2,770 kg) / 22’7 15/16 (6907)</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Dimensions in brackets are mm.

Specifications are subject to change without notice.

© 2013 Roadtec, Inc. All Rights Reserved

ROADTEC an Astec Industries Company
800 MANUFACTURERS RD • CHATTANOOGA, TN 37405 USA • 800.272.7100 • FAX 423.267.7104 • roadtec.com