NON-STOP, NON-CONTACT PAVING.

With 25 tons (22.7 mt) of onboard storage, triple pitch remix augers and 600 tph (544 mtph) discharge capacity, the E2850B keeps the paving train moving while reducing particulate and thermal segregation for smooth, long-lasting roads.

MATCH PAVING OUTPUT.

The variable speed elevator and conveyors allow the E2850B to match plant output while reducing wear. By setting chain speed to match production, the number of revolutions of the chain are reduced and larger packets of mix are carried with each slat, reducing material segregation.

UNMATCHED MANEUVERABILITY.

The rear steer option provides an inside turning radius of 14’ (4.2 m). The crab and coordinated steering functions return to center with the auto center feature providing enhanced control on tight job sites and when loading and unloading for transport.

STORAGE HOPPER MANAGEMENT.

The optional storage hopper management system features a proprietary sonic sensor that continuously measures the amount of material in the storage hopper. Two indicator lights allow the entire paving crew to know the material level at all times while the operator can see a percentage readout on the display.

COMPLETE CONTROL.

The 18” (457 mm) shifting operating platform and conveniently located controls provide the operator with excellent visibility and comfort. The paver hopper management system maintains a set distance to the paver while managing the material level in the paver hopper insert. The camera system features 4 cameras and full-color monitor.

DESIGNED AROUND CLEANOUT.

Full-width, hydraulic drop down floors along with four clam-shell doors for ground level access to the storage hopper and remix augers provide unmatched access for daily cleanout and weekly inspections. With the addition of the optional internal spray down system for chains and sprockets, the E2850B is designed to simplify the critical daily clean-out process.
### E2850B SPECIFICATIONS

<table>
<thead>
<tr>
<th>WEIGHT</th>
<th>75,000 lb</th>
<th>34 019 kg</th>
</tr>
</thead>
<tbody>
<tr>
<td>TRANSPORT HEIGHT</td>
<td>11’ 4”</td>
<td>3454 mm</td>
</tr>
<tr>
<td>TRANSPORT LENGTH</td>
<td>54’ 1”</td>
<td>16 484 mm</td>
</tr>
<tr>
<td>TRANSPORT WIDTH</td>
<td>9’ 10”</td>
<td>2997 mm</td>
</tr>
<tr>
<td>WORKING HEIGHT</td>
<td>16’</td>
<td>4877 mm</td>
</tr>
<tr>
<td>ENGINE</td>
<td>Cat® C7.1 Tier 4</td>
<td></td>
</tr>
<tr>
<td>HORSEPOWER</td>
<td>300 hp</td>
<td>223 kW</td>
</tr>
</tbody>
</table>

#### POWERTRAIN
- Cat® C7.1 Tier 4 Engine with 300 hp (223 kW)
- 4-wheel drive
- Shift-on-the-fly 3-speed hydrostatic drive
- 194 fpm (59 mpm) working speed
- 10 mph (16.1 km/hr) transport speed
- Optional rear steer with 14’ (4.2 m) turning radius

#### OPERATING ENVIRONMENT
- 18” (457 mm) sliding operator platform
- Convenient control locations on single panel
- Dual side dump hopper control stations
- Rear control station for cleanout and hopper insert placement
- Digital controller for system calibrations
- Dual fume extraction system
- Optional storage hopper management system
- Optional paver hopper insert management system
- Optional distance to paver control
- Optional camera system w/ 3 cameras and 7” (178 mm) color display

#### MATERIAL DELIVERY
- 25 ton (22.7 mt) storage hopper capacity
- 1,000 tph (807 mtph) elevator capacity
- 600 tph (544 mtph) discharge conveyor capacity
- Variable speed elevator and conveyor
- Dump assist hydraulic moving floor
- Auto dump hopper cycle
- Heavy-duty, cast dump hopper augers
- Triple-pitch, cast remix augers
- High torque, direct-drive motors
- 14’ 9” (4.5 m) max conveyor swing in either direction
- Windrow head attachment option

#### CLEANOUT
- Full-width, hydraulic cleanout doors on elevator/conveyors
- Full-width dump hopper cleanout door
- Four clam shell doors for storage hopper access
- Two hydraulic remix chamber cleanout doors
- Optional internal spray down system

#### SERVICE/MAINTENANCE
- Optional hydraulic conveyor chain tensioner
- Chromium Carbide wear plate below conveyor foot shaft
- Separated foot shaft bearings
- Three large engine access doors
- Easily accessible battery compartment
- Braided electrical harnesses and sealed connections
- Color-coded electrical wires
- Optional auto greaser system

#### OPTIONAL EQUIPMENT
- Rear steer
- Truck hitch
- Windrow head in addition to truck dump hopper
- Conveyor auto chain tensioner
- AR400 1/4” (6.35 mm) storage hopper liner
- Chromium carbide floor plates
- Separate 60 gal (227 L) tank for tire spray system
- Chain and sprocket internal spray down system
- Tire spray system
- LED work lights (2 head, 6 work, 2 ground and strobe)
- LED blade lights
- Truck signal lights
- 12kW generator
- Paver hopper management with distance to paver
- Storage hopper management system
- Camera system w/ 7” (178 mm) color display & 3 cameras
- Automatic greaser - 45 points
- 13 (11.8 mt) or 17 ton (15.4 mt) bolt together hopper insert

#### WEIGHT
- TRANSPORT SPEED (MAX) 10 mph | 16.1 km/hr
- WORKING SPEED 194 fpm | 59 mpm
- CONVEYOR CAPACITY 600 tph | 544 mtph
- CONVEYOR SLAT WIDTH 36” | 914 mm
- ELEVATOR CAPACITY 1,000 tph | 907 mtph
- ELEVATOR SLAT WIDTH 56” | 1422 mm
- FUEL TANK CAPACITY 150 gal | 568 L
- HYDRAULIC TANK CAPACITY 100 gal | 378 L
- TURNING RADIUS 14’ | 4.2 m
- TIRES High Flotation
  - 21”-25” 28 ply
- GROUND DRIVE 4-Wheel Hydrostatic w/ 3 Speeds

#### MATERIAL DELIVERY
- WEIGHT
  - TRANSPORT HEIGHT (MAX) 11’ 4” | 3454 mm
  - TRANSPORT LENGTH 54’ 1” | 16 484 mm
  - TRANSPORT WIDTH 9’ 10” | 2997 mm
  - WORKING HEIGHT 16’ | 4877 mm
- ENGINE Cat® C7.1 Tier 4
- HORSEPOWER 300 hp | 223 kW

#### OPERATING ENVIRONMENT
- 18” (457 mm) sliding operator platform
- Convenient control locations on single panel
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- Heavy-duty, cast dump hopper augers
- Triple-pitch, cast remix augers
- High torque, direct-drive motors
- 14’ 9” (4.5 m) max conveyor swing in either direction
- Windrow head attachment option

#### SALES AND SERVICE
- Sold and serviced exclusively through Caterpillar dealers worldwide.

#### WARRANTY
- 12 months standard. Extended warranty available.

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