

8510E Asphalt Paver

LeeBoy[®]



Serving as a staple among commercial paving contractors, the 8510E delivers precise asphalt placement resulting in a flawless mat. Comprised of robust components for longer wear, this asphalt paving solution is perfect for contractors seeking a lower cost per ton. Embracing a large material receiving hopper and one of the widest conveyor systems on the market, this paver is meant to deliver the utmost productivity between truckloads. If you desire an all-around commercial paving machine that delivers unmatched results, the 8510E is for you.

Performance Features:

- **74 hp (55 kw) Kubota Tier 4 Final Turbocharged Diesel Engine**
- **Paving Widths Variable Up To 15' (4.6 m)**
- **Choice of High Deck or Low Deck Configuration**
- **Dual Lever Joystick Steering Controls (both sides)**
- **Ultra-efficient Material Management System**
- **Gauge Package for System Monitoring**
- **7.5 Ton (6,804 kg) Capacity Material Hopper**
- **Proven Legend Screeed System**
- **Propane or Electric (option) Screeed Heat**
- **LED Operating Light Package**



8510E Asphalt Paver Specifications

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Dimensions	<ul style="list-style-type: none"> - Length: 13' 5" (4.09 m) - Width: 8' 6" (2.59 m) transport 10' (3.05 m) hopper wings down - Height: 8' (2.43 m) - Total Weight: 17,720 lbs. (8,038 kg) 	Steering	<ul style="list-style-type: none"> - Dual electronic steering - Electronically controlled pumps operate the forward/reverse motion by dual joysticks
Engine	Kubota turbocharged diesel, Tier 4 Final – 74 hp (55.4 kw)	Washdown System	Electric pump with two hose reels
Capacities	<ul style="list-style-type: none"> - Fuel: 19 gallons (71 l) - Hydraulic reservoir: 67 gallons (254 l) - Washdown tank: 7 gallons (27 l) 	Push Rollers	Two rollers with sealed bearings mounted to allow pivoting on frame
Hopper	Hopper size: 7.5 ton (6,804 kg)	Track Drive System	<ul style="list-style-type: none"> - Hydrostatically powered, self-cleaning crawler type - Track size: 14" wide x 77" long (.356 x 1.956 m) poly - Paving speed: 0 to 135' per minute (1.5 mph) - Travel speed: 0 to 290' per minute (3.2 mph)
Paving Widths	Variable up to 15' (4.6 m)	Additional Standard Equipment	<ul style="list-style-type: none"> - Back-up alarm - LED safety beacon - LED operating light package - Glow plugs - Vandalism protection covers - Horn
Paving Depths	<ul style="list-style-type: none"> - Manual flight screws positioned on the screed to control material thickness - Depth: 0" to 6" (.152 m) 	Optional Equipment	<ul style="list-style-type: none"> - Legend Electric Screed, 8' to 15' (2.4 x 4.5 m) - Legend Heavy-Duty Electric Screed, 8' to 15' (2.4 x 4.5 m) - Screed extension vibration - Automatic screed temperature control - Heated endgates - Slope meter - Horizontal flight screws - 3:1 flight screw adjusters - Single point lube system, screed - Rubber track continuous, in lieu of poly - Steel track, in lieu of poly - High deck configuration - Steering wheel drive controls, in lieu of joysticks - Manual drive, steering controls, in lieu of joysticks - Truck hitch - Wiring only, grade controls (TopCon), includes A/M modules - Sonic grade control, one side (TopCon) - Dual grade control (TopCon P-32 system) - Dual grade and slope (TopCon P-32 system) - 12" (.3 m) x 4.5" (.1 m) berm extension, left & right
Screed	<ul style="list-style-type: none"> - Legend Propane full free floating screed - Consisting of a main screed and two hydraulically operated screed extensions - Equipped with two electric vibrators 		
Screed Heat	<ul style="list-style-type: none"> - Two propane burners on main screed - One propane burner on each extension 		
Screed Crown/Valley	<ul style="list-style-type: none"> - Equipped with a crown/invert adjustment - Includes a levelling indicator for the operator 		
Material Handling	<ul style="list-style-type: none"> - Two independently controlled, hydraulically operated under auger material cutoff - Two 12" (.305 m) diameter independent hydraulically operated cast augers 		
Operator's Platform	<ul style="list-style-type: none"> High Deck: Seats mounted on tractor Low Deck: Seats mounted on screed - Walkboard extensions slide outs, left and right 		
Operator's Controls	<ul style="list-style-type: none"> - All control levers are on left side - Right side levers include screed raise/float, left and right cutoffs, hopper wings, and right screed extension 		

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