

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'
- 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 Capacity Material Hopper
- Proven Legend Screed System
- Electric Screed Heat, 10 kw Generator
- LED Operating Light Package



8510E Asphalt Paver Specifications



Dimensions	<ul style="list-style-type: none"> - Length: 13' 5" - Width: 8' 6" transport 10' hopper wings down - Height: 8' - Total Weight: 17,720 lbs.
Engine	Kubota turbocharged diesel, Tier 4 Final – 74 hp (55.4 kw)
Capacities	<ul style="list-style-type: none"> - Fuel: 19 gallons - Hydraulic reservoir: 19 gallons - Washdown tank: 7 gallons
Hopper	Hopper size: 7.5 ton
Paving Widths	Variable up to 15'
Paving Depths	<ul style="list-style-type: none"> - Manual flight screws positioned on the screed to control material thickness - Depth: 0" to 6"
Screed	<ul style="list-style-type: none"> - Legend Electric 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"> - Legend electric screed heat, 10kw generator - Electric timer and automatic RPM control system - 2 Blade heating elements in main, 1 blade element in 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 independentaly controled, hydraulically operated under auger material cutoff - Two 12" 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	- All control levers are on left side

	<ul style="list-style-type: none"> - Right side levers include screed raise/float, left and right cutoffs, hopper wings, and right screed extension
Steering	<ul style="list-style-type: none"> - Dual electronic steering - Electronically controlled pumps operate the forward/reverse motion by dual joysticks
Washdown System	Electric pump with two hose reels
Push Rollers	Two rollers with sealed bearings mounted to allow pivoting on frame
Track Drive System	<ul style="list-style-type: none"> - Hydrostatically powered, self-cleaning crawler type - Track size: 14" wide x 77" long poly - Paving speed: 0 to 150' per minute (1.5 mph) - Travel speed: 0 to 300' per minute (3.2 mph)
Additional Standard Equipment	<ul style="list-style-type: none"> - Back-up alarm - LED beacon light - LED work light package - Glow plugs - Vandalism protection covers - Horn
Optional Equipment	<ul style="list-style-type: none"> - Legend HD Screed, 8' to 15' - 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 - Truck hitch - Wiring only, grade controls (TopCon) - Sonic grade control, one side (TopCon) - Dual grade control (TopCon) - Dual grade and slope (TopCon) - 12"x 4.5" berm extension, left & right



ST Engineering LeeBoy, Inc. ■ 500 Lincoln County Parkway Extension ■ Lincolnton, NC 28092 ■ 704.966.3300
www.LeeBoy.com

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