



8500B Series Asphalt Pavers

8510B Asphalt Paver



8510B High Deck or Low Deck Conveyor Paver

Features include:

- Choice of Engines: 84.5 HP Kubota or 83 HP Caterpillar
- 8- to 15-foot Heated and Vibrating Legend Screed System
- Poly Pad Steel Track Drive – standard
- Choice of High Deck / Low Deck Configuration
- 12" Casted Augers
- Dual Lever Joystick Steering Control (both sides)
- Standard Hydraulic Operating Controls
- Sonic Auger Controls
- Under Auger Cut-off Plates
- Operating Light Package
- Heavy-duty Radius Hopper Wings
- Two-speed Hydrostatic Drive, Internal Brakes – standard
- Electronic Gauge and Vandalism Packages

Designed with the Paving Professional in Mind.®

Best in Class



Legendary Screed Performance

LeeBoy Legend Screed System

Our popular Legend Screed—standard on the 8510B paver—comes with 2 propane burners on the main screed and 1 burner on each extension. An option on the 8510B paver is the *Environmentally Friendly, Economically Wise Legend Electric Screed System* offering 2 heating elements on the main screed and 1 on each extension. The wear plate with bullnose front is made of 3/8-inch AR 450 Hardox steel, a special long-wearing, hardened material that is bolted on for easy replacement. The hydraulic screed extensions—unique to the LeeBoy Legend Screed System—are mounted in front of the main screed. They are easily adjustable resulting in a seamless mat at paving widths up to 15 feet, depending on screed option.



Unique Hopper / Feeder Design



Wide Conveyors

All 8510B pavers are equipped with **two 36-inch wide automatic conveyors** – the widest in the industry. These conveyors deliver asphalt more evenly and efficiently to produce a smooth asphalt mat.



Hydraulically-raised Hopper Bed

The conveyor bed can be lifted **hydraulically** allowing the paver undercarriage and tracks to be easily cleaned and serviced.

Premium Power Train



Water-cooled Diesel Engine

Provides optimal power, is fuel efficient, and meets current EPA requirements. **Choice of Kubota or Caterpillar engines** is available. Fully enclosed engine cover/housing with adequate engine access reduces excess noise and allows residential jobs to be completed quietly.

Planetary Drive System

Variable **two-speed Torque Hubs** with internal brakes provide power directly to the tracks for a smoother operation.

Model Styles to Fit Your Needs



High Deck / Low Deck Configuration

Choose from a High Deck or Low Deck model to suit your specific operational requirements.

Large 12" Auger Feed, 15' Legend Screenshot



Infinitely Variable Widths

Cut-off plates enable varying paving widths as narrow as 1 foot and as wide as 15 feet. Heavy-duty auger motors and 12" diameter feed augers, made of 5/8" AISI 4140 heat-treated steel, move material to the screed extensions. Dual vibrators enhance mat quality and adjustable extensions eliminate seams.

Sonic Auger Controls

Non-contact, sonic auger controls provide automatic feeding of asphalt to the screed and extensions.



Electronic Control Options

Automatic Grade Controls (optional)

LeeBoy 8510B Series Pavers may be equipped with a full line of automatic grade controls:

- Electronic Grade (Joint Matchers)
- Dual Electronic Grade
- Grade and Slope

The **Joint Matcher** automatically matches joints whether it is multiple passes on a parking lot or a two-lane street or road. The **Dual Grade Controls** automatically maintain a set depth on both ends of the screed. The **Grade and Slope Controls** maintain a set depth on one end of the screed and a set slope to the other end of the screed.



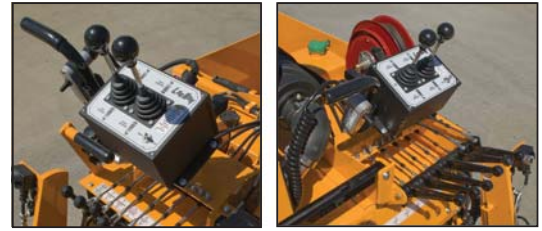
Configuration Checklist

	8510B
Engine Choice of Kubota or Caterpillar	✓
8- to 15-foot Legend Screenshot System	✓
Electronic Gauge Package	✓
Two-speed Hydrostatic Drive	✓
Under Auger Cut-off Plates	✓
Vandalism Package	✓
Night-operating Light Package	✓
12" Casted Augers w/Sonic Controls	✓
8- to 15-foot Legend Electric Screenshot	optional
Continuous Rubber Track System in lieu of Poly Pad Track	optional
Single Electronic Grade (Joint Matcher) / Dual Electronic Grade	optional
Grade and Slope	optional
Truck Hitch	optional

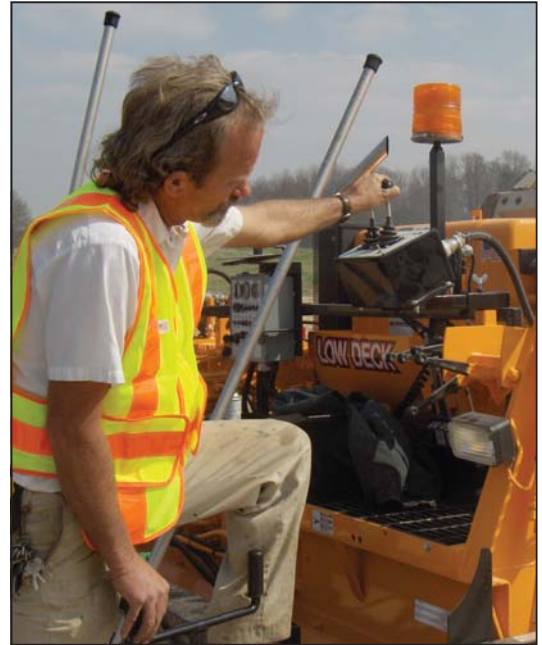
Specifications

8510B Asphalt Paver

Paving Width		
Basic 15-foot		8'-15' (2.44-4.57 m)
Hopper		
Capacity		7.5 tons (6.8 tons)
Conveyors		(2) 36" (.91 m) Slat Conveyors
Feed Augers		12" (.35 m) diameter
Screed		
Type		Heavy-duty Legend Screed System
Main - Heat		(2) 54,000 BTU Burners
Extensions - Heat		(2) 36,000 BTU Burners
Vibration		(2) Vibrators, 2,400 VPM each
Speeds		
Paving		0-160 fpm (48.8 mpm)
Travel		0-265 fpm (80.8 mpm)
Choice of Engines		
Make/Type		Kubota Water-cooled, Turbocharged
Performance		Tier 3 Stage IIIA, 84.5 HP (63 kw) @ 2,600 RPM - or - Caterpillar Water-cooled, Turbocharged Tier 3 Stage IIIA, 83 HP (62 kw) @ 2,500 RPM
Dimensions		
Weight		17,300 lbs. (7,847 kg)
Length		12' 5" (3.8 m)
Width (transport)		8' 6" (2.59 m)
Height		6' 6" (1.98 m)
Capacities		
Fuel		20 gallons (76 l)
Hydraulic		40 gallons (151 l)



Dual Lever Joystick Steering



LeeBoy makes continuous improvements to all its products and reserves the right to change specifications without notice. Photos and illustrations may contain standard and optional equipment.

8510B Paver 07-10-5K
#13638

LeeBoy

 **VT LeeBoy**
A company of VT Systems

LeeBoy has designed and manufactured superior asphalt paving and grading products since 1964. The LeeBoy brand is well-known for its quality and innovative design. This standard of quality provides contractors with dependable, low maintenance equipment with a high re-sale value.

"LeeBoy is dedicated to providing top quality parts and service support on every unit sold."

Other Members of the LeeBoy Family of Products...



9000 Asphalt Paver



Maximizer 3
Asphalt Distributor



CSM-CSH
Chip Spreader

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