**Product Specifications**

**LeeBoy 8520B Paver**

**The following specifications are based on the 8520B Asphalt Paver manufactured by LeeBoy. Because of continuous equipment research and development, we reserve the right to change these specifications. For more information, questions or assistance preparing specifications, please contact your local LeeBoy Dealer.**

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| 1. **Dimensions**
	1. Length: 14’ 5”
	2. Width: 8’ 6” transport

10’ hopper wings down * 1. Height: 8’ 2”
	2. Total Weight (with screed): 19,760 lbs
1. **Engine:**
	1. Kubota turbocharged diesel
	2. Tier 4 Final - 106 HP (79 kW) @ 2,200 rpm
2. **Capacities:**
	1. Fuel: 32 gallons
	2. Hydraulic: 25 gallons
	3. Washdown tank: 7 gallons
	4. DEF tank: 5 gallons
3. **Hopper:**
	1. Hopper size: 9 ton
	2. Hopper height: 31.75”
	3. Hopper wings: Heavy-duty .5” with large radius corners
4. **Paving Widths:**
	1. Machine has variable paving widths up to 15’
5. **Paving Depths:**
	1. Electronically operated tow point actuators with toggle switches allow operation of grade from the high and low deck positions
	2. Includes manual flights screws positioned on the screed
	3. Depth: 0 to 6”
6. **Available Screeds:**
	1. Legend HD Screed: Variable up to 15’, weight 3,260 lbs[**View detailed Screed specifications**](https://www.leeboy.com/wp-content/uploads/2021/09/6_Legend-HD-Screed-Specifications_Final.docx)
7. **Under Auger Material Cutoff:**
	1. Two independent hydraulically operated 4' wide gates located under the augers and constructed of at least .25" A-36 plate steel
8. **Material Augers:**
	1. Two independent, hydraulically driven, segmented augers. Operated automatically or manually
	2. Augers are 12” diameter and are cast from .625” SAE 4140 heat-treated steel
	3. System has manual override function and automatic functions are controlled by sonic sensors (non-contracting)
	4. Quick change auger assemblies
	5. Single point lube system
9. **Conveyors**
	1. Two independent, hydraulically driven conveyors with automatic shut-off
	2. Dual 36” feeding conveyors
	3. Conveyor is hydraulically raiseable to allow cleaning and service
	4. System has manual override function and automatic functions are controlled by a paddle and limit switch
10. **Operators Platform**
	1. Includes both right and left hand seats 4' 6" above ground with a lockable cover for the instrument panel

1. **Operators Controls:**
	1. High deck/low deck configuration
	2. Includes dual electronic steer
	3. All control switches are located in one box that can be slid to each side. Dash panel includes augers, screed extension, cut-offs, screed, hopper wings, conveyors, grade controls, steering and lights
	4. Color graphic control screen with digital readouts. Review and monitor system vitals including: oil pressure, hour meter, fuel gauge, voltmeter, water temp, tachometer, hydraulic oil temp, engine diagnostics
2. **Screed Controls:**
	1. Screed control boxes are on each side and contain extensions, cutoffs, auger and slope
3. **Steering:**
	1. Dual electronic steering controls
	2. Machine can be controlled from a high deck position or lowered to control at the screed
	3. Electronically controlled pumps operate the forward/reverse motion from dual joysticks
4. **Washdown System:**
	1. Electric HD pump with two 25’ x .375” diameter hose reels and spray nozzles
	2. Built in pressure sensor and shutoff
	3. Citrus tank sight gauge
5. **Hydraulic System:**
	1. Variable volume hydraulic pumps for each drive
	2. A constant volume pump for conveyors and a constant volume pump for all other hydraulic functions
	3. Hydraulic oil: all weather, all temperature
6. **Push Rollers:**
	1. Two 3" diameter rollers with sealed bearings mounted on a swivel frame
	2. Vertically adjustable push rollers, 7” of height adjustment
	3. Adjustable height push rollers with self-cleaning scrapers
7. **Track Drive System:**
	1. Hydrostatically powered, self-cleaning crawler type tracks consisting of drive sprocket, seven rollers and hydraulically adjustable front idler
	2. Drive mechanism is torque hub driven which consist of two speeds and obtained by means of a toggle switch
	3. Fail-safe brakes
	4. Track size: 14” wide x 87” long poly 7 rollers

*OR**Rubber Track Option: 15.75” wide x 87” long rubber 7 rollers** 1. Paving speed: 0 to 150’ per minute (1.7 mph)
	2. Travel speed: 0 to 300’ per minute (3.4 mph)
1. **Additional Standard Equipment:**
	1. Back-up alarm
	2. LED beacon light
	3. LED work light package
	4. Vandalism protection covers
	5. Horn
	6. 2 seats
2. **Optional Equipment:**
	1. Rubber track, continuous
	2. Sloping screed extensions
	3. Hydraulic tow points
	4. Truck hitch
	5. Truck hitch valving, excludes truck hitch
	6. Steering wheel drive controls, in lieu of joysticks
	7. Wiring only, grade controls (Topcon), includes A/M modules
	8. Sonic grade control, one side (Topcon)
	9. Dual grade control (Topcon)
	10. Dual grade and slope (Topcon)
3. **Training, Support and Company:**
	1. Training and support manuals
	2. Optional on-site operator training by Dealer
	3. Two-year, unlimited hours warranty against any manufacturer defects
	4. Extended warranty available
	5. 55+ years manufacturing experience
	6. ISO 9001 Certified
	7. Sourcewell Contract 052417-VTL
	8. Manufactured in USA
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