

LeeBoy 9000 Rubber Tire Paver Built for Production on Large Commercial Applications

LINCOLN, N.C. – At CONEXPO, VT LeeBoy, Inc. introduced its **9000 Asphalt Paver**, a 33,000-pound paver featuring a maneuverable, rubber tire design and an 8-foot electrically-heated screed system.

This high production rubber tire asphalt paver is powered by a 173-HP CAT Tier 3 diesel engine, which provides the power to push larger tandem axle trucks with ease. The engine is transversely mounted, which allows for better ground level access and cooling efficiency. A fume ventilation system vents asphalt vapors away from the operator and screed area. Two Series 90 variable displacement pumps drive paver functions. An easily raised hood covers the low profile engine and side grating is easily removed to provide access to the engine compartment.

The LeeBoy 9000 operator stations are designed for maximum comfort and ease of operation. It includes dual hydraulic slide-out operator stations to enhance fore and aft visibility with fully equipped consoles that incorporate CAN Bus system design and digital gauges for monitoring paver functions and diagnostics. Paver steering is by Plus 1 control architecture with touch pads.

The 9000 rubber tired paver provides excellent maneuverability, ground speed, ride quality and traction. The tire system is comprised of two large heavy-duty low pressure rear 19" x 29.5" drive tires. The 12 x 22 inch solid rubber front tandem steering bogie wheels oscillate to improve mat quality by overriding roadbed irregularities.

The material handling system on a 9000 paver begins with an 11-ton receiving hopper with heavy-duty, hydraulic radius hopper wings and high strength plastic flashing to prevent material spillage. Dual 18" heavy-duty slat bar and roller chain conveyors feed the 16" diameter hardened cast steel augers that push asphalt to the screed. The auger assembly can be hydraulically raised and lowered, which is helpful in the loading and unloading process. Standard sonic feed sensors control the augers. The operator has independent left and right control of the conveyor system and material flow gates. Manual tunnel extensions are available to keep mix away from the drive tire.

The 9000 paver has a heavy-duty electrically heated and vibrating Legend Screed System that extends hydraulically from 8- to 15.5-feet. An onboard 20 Kw generator electrically heats the main screed and the front-mounted extensions. LeeBoy's exclusive heat element replacement system

makes replacing heating components easy. Adjustable screed extensions feature a 9 degree slope.

A two-speed motor with single reduction planetary torque hub allows the 9000 paver to travel at speeds up to 13 mph. The 9000 paver can pave at speeds up to 250 fpm.

Fluid capacities are among the largest for this size paver with an 82-gallon fuel tank, 86-gallon hydraulic oil capacity and 15-gallon citrus washdown tank.

VT LeeBoy 9000 At A Glance:

- ✓ 173-HP CAT diesel engine
- ✓ 33,000 pound gross weight with screed
- ✓ 8- to-15.5-foot paving width
- ✓ Legend Electric Screed heating system with quick change heating elements
- ✓ 11-ton receiving hopper capacity
- ✓ 16-inch diameter cast feed augers
- ✓ Dual operator stations with hydraulic slide-out operator stations
- ✓ Plus 1 control architecture with touch pads
- ✓ CAN Bus control design
- ✓ High deck configuration
- ✓ 9 degree screed extension slope capability
- ✓ Fume recovery system
- ✓ Front wheel assist option

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