CSP24 Chip Seal Patcher



Applying a chip seal requires a highly efficient piece of equipment like the LeeBoy CSP24 to ensure precise aggregate and emulsion distribution. The synchronized spraying and chipping mechnasim allows application in a single pass, preventing tire tracking and securing immediate aggregate retention. Trusting in the proven reliability and cutting-edge automation that can only be found in this machine's integrated design, the LeeBoy CSP24 yields long-lasting, top-notch performance for all surface treatment projects.

Performance Features:

- Integrated Emulsion Sprayer and Chipspreader Chassis
- New Pilot System with Touchscreen and Joystick
- Efficient Single-Operator Control with No Rear Crew Required
- Forward-Operation Protection to Prevent Tire Tracking
- Fully Computerized Application Rate Monitoring
- 15' Heated Telescopic Spraybar with 8" Lateral Shift







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Tank Capacity	- 2,378 gallons
Tank	- Transversal baffles to prevent emulsion from shifting between the front and the rear of the tank - Manhole protected and insulated equipped with quick opening and an overflow pipe - Access platform to the manhole, with safety guardrails
Insulation	- 4” heat insulation - High-density Rockwool layer - Protected by an aluminum sheet cover
Heat System	- Automatically controlled diesel fired burner with electric ignition - U-type heating tube - Single exhaust stack is contructed of stainless steel - 13.2-gallon independent diesel fuel tank - Dial thermostat allows setting the desired emulsion temperature
Emulsion Pump	- External gear pump - Driven by a hydraulic motor
Emulsion System	- Modular valve block with pnumatic control, operated via computer from the cab
Clean Out	- Re-suction of the emulsion system and spray bar after spraying, with return flow to the tank - Complete system cleaning using pressurized air - Intake for injecting emulsion release agent into the emulsion system
Spray System	- Spraybar: 15’ telescopic bar - Nozzles: spaced on 4” centers on spraybar - Spraybar shift: 8” each way - Spraybar heated by coolant fluid - Designed in 3 sections: one main section and two extensions
	- Complete emulsion circulation via two rigid feed pipes with swivel joints - Height adjustment via two individually controlled hydraulic jacks - Hand spray want with a 50’ hose
Hopper	- Capacity: 12 cubic yards (9.17 cubic m) - Two conveyor belts activated according to chip demand
Telescopic Chip Spreader	- 15’ spreaderbox - Fed from the buffer hopper - 22 8” gates, articulated on a single axle, pneumatically controlled
Controls	- 7” ergonomic screen features access to various functions such as continuous emulsion/chip application rates, spray bar width, emulsion pump and truck working speeds, and peripheral malfunction warning messages
Additional Standard Equipment	- Unloading valve - Loading valve - Overnight heating system - Screening grid on top of hopper - Uptime kit - Washdown system with automatic reel and cleaning gun - Backup camera - Additional camera on top of hopper - Full automatic cleaning process piloted from cab - Washing hands kit (water and soap) - New pilot - front camera and joystick for patching job

*Published Weights are approximate weight and will vary contingent on options.

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PRODUCT 2 YEAR WARRANTY

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