

# 4150 Road Widener

# LeeBoy



## Performance Features:

Engineered with features that keeps the professional in mind, the 4150 is a self-propelled, wheel-mounted, mid-size shoulder paving machine capable of placing either aggregate or bituminous materials. With a high temperature service belt, this road widener is able to discharge material from the left or right side all controllable from the operator's console. Front wheel drive allows for better tractive effort while four wheel steering provides better mobility.

- 110 hp (82.02 kw) Cummings Diesel Engine
- Width of Spread: up to 10' (3.05 m)
- Contoured Strike-Off
- 21" (.533 m) Wide Heat-Resistant Conveyor Belt
- 2 Ton (1,814 kg) Hopper Capacity
- Power Adjustable Front Hopper Lip
- Dual Control Stations, Right and Left Sides
- Hydrostatic Drive and Traction Control System
- Oscillating Push Rollers
- Unobstructed View from the Operator's Station



# 4150 Road Widener Specifications



Dimensions	<ul style="list-style-type: none"> <li>- Length: 25' 6" (7.77 m)</li> <li>- Width: 10' 10" (3.3 m)</li> <li>- Height: 8' 1" (2.46 m)</li> <li>- Wheelbase: 14' 4" (4.36 m)</li> <li>- Total Weight: 24,500 lbs (11,113 kg)</li> </ul>	Operator's Controls	<ul style="list-style-type: none"> <li>- Dual control stations, each equipped with: <ul style="list-style-type: none"> <li>Direction and speed control lever</li> <li>Foot actuated conveyor function switch</li> </ul> </li> <li>- Control functions on the operator's console: <ul style="list-style-type: none"> <li>Main power, starter throttle, horn, conveyor speed, shuttle and discharge direction, strike off lift and lateral movement, hopper lip position, steering, parking brakes</li> </ul> </li> </ul>
Engine	Cummins turbocharged diesel, 110 hp (82.02 kw)	Instrumentation	<ul style="list-style-type: none"> <li>- Analog gauges for: <ul style="list-style-type: none"> <li>- Engine oil pressure</li> <li>- Water temperature</li> <li>- Voltmeter and hydraulic oil temperature</li> <li>- Digital Tachometer and hour meter</li> </ul> </li> </ul>
Capacities	<ul style="list-style-type: none"> <li>- Fuel: 68 gallons (257.4 l)</li> <li>- Hydraulic reservoir: 42.5 gallons (160.8 l)</li> </ul>	Tires	<ul style="list-style-type: none"> <li>- Four 385/65R 22.5 radial</li> <li>- Hydro inflated, pneumatic tires</li> </ul>
Hopper	<ul style="list-style-type: none"> <li>- 2 tons (1,814 kg) capacity</li> <li>- Hydraulically adjustable front hopper lip, adjustable range of 7" (177.8 m) maximum</li> <li>- Two bearing equipped push rollers, truck entry 9' 3" (2.81 m)</li> </ul>	Optional Equipment	<ul style="list-style-type: none"> <li>- Dual strike off group</li> <li>- 3' (.91 m) screed strike off with vibration</li> <li>- 6' (1.82 m) screed strike off with vibration</li> <li>- 3' to 6' (.91 to 1.82 m) hydraulic strike off extension, right or left</li> <li>- 2' (.6 m) crownable strike off attachment</li> <li>- 1' (.3 m) contoured strike off section</li> <li>- 3' (.91 m) contoured strike off section</li> <li>- 6' (1.82 m) contoured strike off section</li> <li>- 2' to 3' (.6 to .91 m) telescoping contoured strike off section</li> <li>- Single grade, sonic, TopCon P-32 system</li> <li>- Single grade and slope, sonic, TopCon P-32</li> <li>- Dual grade and slope, TopCon P-32 system</li> <li>- Four-wheel steering</li> <li>- Washdown system with hose reel and 7 gallon (26.4 l) tank</li> <li>- Second operator's seat</li> <li>- 6.5 kW generator with two 120V AC accessory power outlets</li> <li>- Rear-wheel power assist</li> <li>- Second hose reel kit</li> <li>- Belly mounted broom</li> <li>- Umbrella</li> <li>- Truck hitch</li> </ul>
Conveyor System	<ul style="list-style-type: none"> <li>- 21" (.533 m) wide, high temperature service nitrile belt travelling on tapered roller bearing support rollers</li> <li>- Independent, variable speed, hydrostatic, dual end drive system</li> <li>- Conveyor speeds: 0 to 466' per minute (142 mpm)</li> <li>- Equipped with adjustable wipers to prevent material buildup</li> </ul>		
Material Spread Strike Off	<ul style="list-style-type: none"> <li>- Contoured strike off for controlled spread of material width, depth and slope</li> <li>- Width of spread: up to 10' (3.05 m)</li> <li>- Basic strike off consist of two 1' (.304 m) and two 3' (.91 m) sections</li> <li>- Raised, lowered, extended and retracted hydraulically with manual stops for fine adjustment of elevation and slope</li> <li>- Outer edger plate assemble included</li> </ul>		
Brakes	<ul style="list-style-type: none"> <li>- Hydrostatic traction drive primary braking</li> <li>- Parking brake controlled by electric switch on operator's console</li> <li>- Fail safe parking brake</li> </ul>		



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