



8800 Series Asphalt Pavers

8816B



8816B Conveyor Paver

Performance features include:

- 130 HP (97 kW) Cummins Turbocharged Tier 3 Diesel Engine
- 8' to 15'6" (2.4 to 4.7 m) Legend II Electric Screed
- High Deck Configuration
- 10-ton (9,072 kg) Receiving Hopper Capacity
- 14" (356 mm) AISI 4140 Steel Alloy Cast Augers
- 25,000-lb. (11,340 kg) Gross Operating Weight w/ Screed
- Dual Slide-out Operator Stations
- Dual Lever Plus-1 Joystick Propulsion Steering Control
- Graphic Instrument Display w/ Vandal Protection
- Under Auger Cut-off Gates
- Fume Evacuation System, standard
- 20' (6.1 m) Paving Width Kit, optional

LEGENDHD
HEAVY DUTY ELECTRIC SCREED SYSTEM



The LeeBoy 8816B Asphalt Paver is the perfect paver for government agencies or contractors on street and highway projects and in large commercial paving applications.

Designed with the Paving Professional in Mind.®

Best in Class



Legendary Screed Performance

LeeBoy Legend Screed System

Our heavy-duty Legend Screed System, standard on the 8816B, comes with electrically-heated main screed and extensions. The 20" (508 mm) floating main screed, with bullnose front, is made of 1/2" (13 mm) AR 400 steel, a long-wearing, hardened material that is bolted-on for easy replacement. The 46" (1.2 m) hydraulic screed extensions are 12" (305 mm) wide with replaceable wear plates. Extensions have vertical and angle of attack adjustments for a seamless mat at paving widths up to 15'6" (4.7 m).

A 20' (6.1 m) paving width kit is available for wider paving applications.



Legendary Conveyor and Hopper Design



Heavy-Duty Radius Hopper Wings

The 8816B is equipped with heavy-duty, 1/2" (13 mm) steel hopper wings with large radius corners to enhance material flow. The 10-ton (9,072 kg) receiving hopper keeps the paver moving along between truck loads.

Efficient Feed Conveyors

The 8816B is equipped with two 18" (457 mm) wide, heavy duty, independently-controlled, variable speed, slat conveyors with automatic cut-offs, conveyor bypass control, and adjustable speed.



Track System and Heavy-Duty Undercarriage



Poly Pad Track

Self-Cleaning Crawler Track System

The 8816B is driven by hydrostatically powered, self-cleaning tracks with hydraulically adjustable front idlers. Torque hubs and hydraulic two-speed motors drive the 8816B and are easily accessible. Torque hubs are equipped with manual disconnect. Choose continuous Rubber Track or Poly Pad Track.



Rubber Track

High Deck Dual Operator Stations

High Deck Visibility

The LeeBoy 8816B Asphalt Paver has dual slide-out operator stations to enhance visibility of the paving area. Dual electronic control stations offer either right-hand or left-hand control of all paver functions.



Large 14" (356 mm) Diameter Augers Feed Legend II Screed



Patented Under Auger Cut-off Gates

Under auger cut-off gates help control the flow of material to the screed and extension up to a 15'6" (4.7 m) paving width. The 14" (356 mm) diameter material feed augers are independently-controlled and the non-contacting sonic auger system automatically controls the material flow to the main screed and extension. LeeBoy owns U.S. patent #6,899,490 for the under auger cut-off gates.



Dual screed vibrators enhance mat quality and adjustable extensions eliminate seams.

Easy to Use Operator Controls

CAN-Bus System Simplifies Operation

Operator stations on the right and left sides of the 8816B control all paver functions using touchpads and screen to monitor operations. Responsive Plus 1 dual joystick steering. The CAN-Bus design allows for easy menu diagnostics and modular design facilitates easy part replacement. The control pedestal and slide-out operator station is designed for operator comfort, safety, visibility and efficiency. The screen below shows basic paver functions, engine warning indicators, and maximum ground speed setting. Touch keys navigate through paver and fault code diagnostic screens.



Configuration Checklist

8816B

130 HP (97 kW) Cummins Tier 3 Electronic Diesel Engine	✓
8' to 15'6" (2.4 to 4.7 m) Heavy-duty Legend Screed System	✓
Electric Screed Heat	✓
10% Sloping Extensions	✓
14" (356 mm) Diameter Proportional Sonic Auger Controls	✓
Dual 2,500 VPM Screed Vibrators	✓
Dual Slide-out Operator Stations	✓
Fail-Safe Brakes	✓
Plus-1 Dual Joystick Steering	✓
CAN-Bus Control & Onboard Diagnostic System	✓
Fume Evacuation System	✓
Operating Light Package & Safety Beacon	✓
Vandalism Package	✓
2 Independent Under Auger Cut-off Gates	✓
Continuous-Seamless Rubber Track System	optional
Power Crown	optional
TopCon System Controls, Dual Grade	optional
TopCon System Controls, Dual Grade & Slope	optional
20' or 30' (6.1 m or 9.1 m) LeeBoy Ski	optional
24" (610 mm) Right or Left Curb Attachment	optional
Truck Hitch	optional

Specifications

8816B Conveyor Paver		
ENGINE		
Make	Cummins Tier 3 Electronic Diesel Engine	
Performance	130 HP (97 kW) @ 2,200 RPM	
DIMENSIONS		
Weight	25,000 lbs (11,340 kg)	
Length	17'5" (5.3 m)	
Width (transport)	8'6" (2.6 m) - (End Gates Removed)	
Height	9' (2.7 m)	
PAVING WIDTH		
Basic	8'-15'6" (2.4 - 4.7 m)	
Option	8'-20' (2.4 - 6.1 m)	
SCREED		
Type	Heavy-duty Legend Screed System	
Screed Heat	Electronic Screed Heat System	
Vibration	(2) Vibrators - 2,500 VPM each Optional Screed Extension Vibrators	
HOPPER		
Capacity	10 tons (9,072 kg)	
Conveyors	(2) 18" (457 mm) Slat Conveyors	
Feed Augers	14" (356 mm) diameter	
SPEEDS		
Paving	0-140 fpm (43 m/min)	
Travel	0-360 fpm (110 m/min)	
TRACK SYSTEMS		
Dimensions	9' (2.7 m) long x 14" wide (356 mm)	
Capacities		
Fuel	30 gallons (114 l)	
Hydraulic	50 gallons (190 l)	
Citrus	10 gallons (38 l)	

Electronic Options

Automatic Grade Controls

The LeeBoy 8800 Series pavers may be Equipped with optional automatic grade controls:

- Dual Grade Controls
- Dual Grade and Slope Controls
- Pre-wired for Grade Controls (TopCon)

Dual Grade Controls

automatically maintain a set depth on both ends of the screed.

Dual Grade and Slope Controls

automatically maintain a set depth on one end of the screed and a set slope on the other end of the screed.



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.

8816B Paver, UC



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out online

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Other Members of the LeeBoy Family of Products...



420 Asphalt Roller



685C Motor Grader



1200B Asphalt Maintainer

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

