



<b>Engine</b>	Cummins QSB6.7
<b>Rated Power</b>	158 kW (212 hp / 215 ps) @ 2,000 rpm
<b>Basic Paving Width</b>	2.5 m
<b>Maximum Paving Width</b>	9.5 m
<b>Maximum Paving Thickness</b>	500 mm (2.5-8 m)
<b>Maximum Paving Thickness</b>	400 mm (8-9.5 m)
<b>Operating Weight</b>	21,000-26,000 kg

## **509E PAVER**

# 509E SPECIFICATIONS >>>

## ENGINE

Emission Regulation	Tier 3/ Stage III
Make	Cummins
Model	QSB6.7
Gross Power	158 kW (212 hp / 215 ps) @ 2,000 rpm
Peak Torque	963 N · m @ 1,300 rpm
Number of Cylinders	6
Aspiration	Turbo air-to-air, aftercooled
Cooling Type	Water

## ELECTRICAL SYSTEM

System Voltage	24 V
Travel Control System	Closed Loop Circuit And Constant Speed Control
Paving Control System	Contact Auto Leveling

## SERVICE CAPACITIES

Fuel Tank	300 L
Hydraulic Fluid Tank	220 L

## DRIVING PROPERTIES

Travel Speed	0~3 km/h
Paving Speed	0~18 m/min

## DIMENSIONS

Maximum Paving Width	9,500 mm
Shipping Dimension	6,965×2,750×3,123 mm
Working Dimension	6,965×3,345×3,866 mm

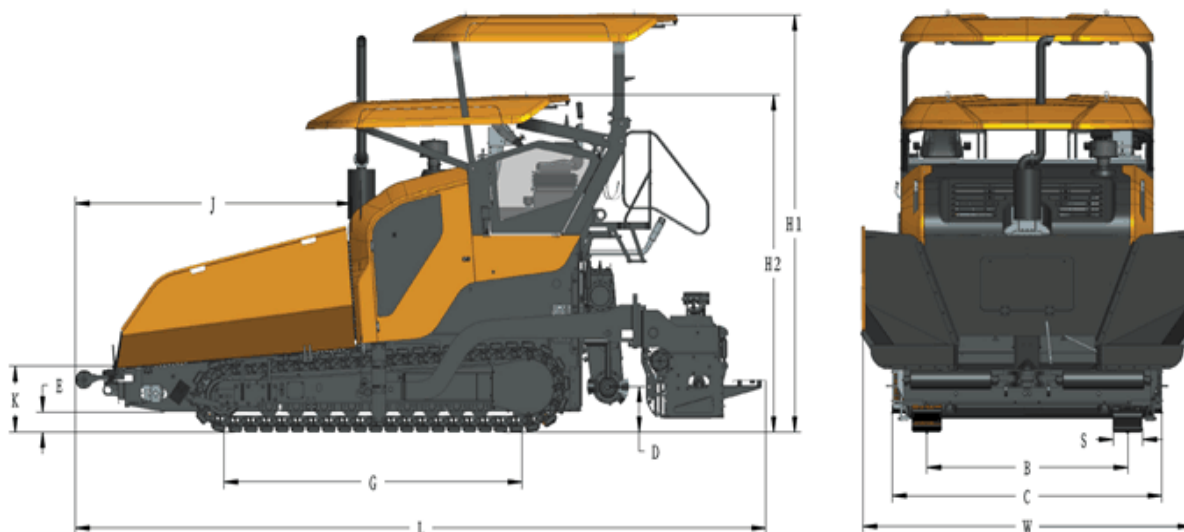
## OTHERS

Hopper Capacity	16 T
Smoothness	≤3 mm/3 m
Tamper Frequency	0-25 Hz
Vibration Frequency	0-45 Hz
Paving Compactness	Asphalt≥90% Stabilized Soil≥80%
Heater	Gas
Crown Adjustment	-1~4%
Front Tamper Swing	0/3/6/9/12 mm
Rear Tamper Swing	3/5/6/7/8/9 mm
Screed Style	High Compactness
Track Ground Length&Width	3,060×320×2 mm <sup>2</sup>
Gradeability	20%
Max Bar Feeder Speed	23 m/min
Distributing Screw	0-90 rpm
Track Tension Mode	Hydraulic Automatic Tension

## OPTIONS

Hydraulic screed  
Numerical Leveling System

Overall Length: L=6,965 mm	Overall Height: H1=3,866 mm
Overall Width: W=3,345 mm	Transport Height: H2=3,123 mm
Track Width: B=2,028 mm	Transport Width: C=2,750 mm
Pouring Height: K=592 mm	Track Axle Base: G=3,060 mm
Hopper Length: J=2757 mm	Ground Clearance: E=189 mm



Guangxi Liugong Machinery Co., Ltd.

No. 1 Liutai Road, Liuzhou, Guangxi 545007, PR China  
T: +86 772 3886124 E: overseas@liugong.com  
www.liugong.com

Specifications and designs are subject to change without notice. Machines shown may include optional equipment. Liugong standard and optional equipment may vary from region to region. Please consult your Liugong dealer for information specific to your area. Engine power kW is converted to horsepower (1 kW=1.3596 ps and 1 kW=1.3410 hp) in this file.

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Replace the previous versions of 07/2019