

|                      |                            |
|----------------------|----------------------------|
| Engine               | Cummins QSB6.7             |
| Rated Power          | 158kW (215 hp) @ 2,000 rpm |
| Basic Paving Width   | 3 m                        |
| Maximum Paving Width | 9 m                        |
| Maximum Paving Depth | 320 mm                     |
| Operating Weight     | 20,000~24,000 kg           |

# 509E PAVER



TOUGH WORLD. TOUGH EQUIPMENT

# 509E SPECIFICATIONS >>>

## ENGINE

|                     |                               |
|---------------------|-------------------------------|
| Emission Regulation | Tier 3/ Stage III             |
| Make                | Cummins                       |
| Model               | QSB6.7                        |
| Gross Power         | 158 kW (215 hp) @ 2,000 rpm   |
| Peak Torque         | 820 N · m @ 2,000 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 Contact                  |

## SERVICE CAPACITIES

|                      |      |
|----------------------|------|
| Fuel Tank            | 300L |
| Hydraulic Fluid Tank | 220L |

## DRIVING PROPERTIES

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

## DIMENSIONS

|                      |                      |
|----------------------|----------------------|
| Maximum Paving Width | 9,000 mm             |
| Shipping Dimension   | 6,965×2,720×3,123 mm |
| Working Dimension    | 6,965×3,345×3,866 mm |

## OTHERS

|                                |                                    |
|--------------------------------|------------------------------------|
| Hopper Capacity                | 16T                                |
| Smoothness                     | ≤3 mm/3m                           |
| Tamper Frequency               | 0-25 Hz                            |
| Vibration Frequency            | 0-45 Hz                            |
| Paving Compactness             | Asphalt≥90%<br>Stabilized Soil≥80% |
| Heater                         | Gas                                |
| Crown Adjustment               | -1~3%                              |
| Front Tamper Swing             | 3/6/8.5/12mm                       |
| Rear Tamper Swing              | 3/5/6/7/8/9mm                      |
| Screed Style                   | Hydraulic Automatic                |
| Track Shoe Ground Length Width | 3086×320X2mm <sup>2</sup>          |
| Gradability                    | 20%                                |
| Max Bar Feeder Speed           | 23 m/min                           |
| Distributing Screw             | 0-90 rpm                           |
| Track Tension Mode             | Hydraulic Automatic Tension        |

## OPTIONS

Mechanical Screed

|                          |                             |
|--------------------------|-----------------------------|
| Overall Length :L=6965mm | Overall Height :H1=3866mm   |
| Overall Width : W=3345mm | Transport Height :H2=3123mm |
| Track Width :B=2028mm    | Transport Width :C=2720mm   |
| Pouring Height :K=529mm  | Track Axle Base :G=3009mm   |
| Hopper Length :J=2757mm  | Ground Clearance :E=189mm   |

