

# RP1355HD



## RP1355HD

PAVER

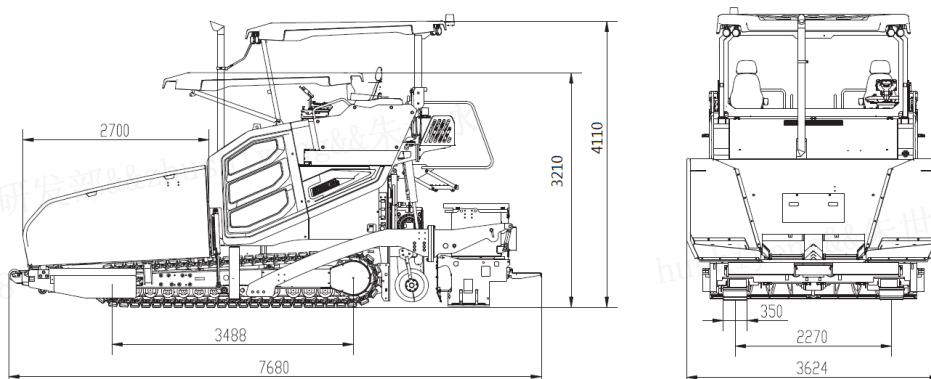
The RP1355HD paver features reliable quality and excellent operating performance, and can be widely used for paving surface course materials on highways of various classifications. It is particularly suitable for construction requirements involving large-width, one-pass paving. This machine incorporates full hydraulic drive, microcomputer control, left and right independent drive, ultrasonic material level sensing control, electronic automatic leveling, tamper and other world's most advanced technology. The machine has good paving stability, uniform material feeding and distributing, high pre-compaction compaction, good evenness, comfortable operation, convenient maintenance, energy saving and environmental protection and other advantages. Imported key parts and manufacturing quality and reliability reaches the same level of similar imported products. It is the ideal equipment for paving asphalt concrete materials on pavement.

## Performance and characteristics

- The machine is powered by a Cummins QSL8.9C325 diesel engine, delivering strong performance with an output of 242 kW at 1,800 r/min.
- The technologies such as left and right independent propel drive, micro-computer control, constant-speed automatic control technology for paving speed, are applied.
- The transfer case adopts direct drive type, and the subsequent normally closed transfer case with clutch device can cut off the power output of the transfer case at the start or long idle speed to save energy, which is to be applied after verification;
- Using the three-in-one powerful composite radiator, ensure the continuous work for a long time under the high temperature of 50 °C . The fan speed is automatically adjusted steplessly with the water temperature, which saves energy and reduces noise.
- The transmission and distribution adopts four sets of independent full hydraulic system transmission, the transmission and distribution adopts ultrasonic sensing control technology, the material level is automatically controlled to ensure the material level in the tunnel is stable;
- The height of auger device is adjusted hydraulically, which can be moved up and down conveniently; the height of auger adjustment stroke is 300mm, which can be adapted to different paving thicknesses and reduce segregation.

## Appearance and Dimensions

Unit: mm



## Main specifications

| Item                        | Unit  | Performance Parameters |
|-----------------------------|-------|------------------------|
| Basic Paving Width          | m     | 3.0                    |
| Maximum Paving Width        | m     | 13.5                   |
| Maximum Layer Thickness     | mm    | 550                    |
| Maximum Operating Weight    | m/min | 25                     |
| Maximum Driving Speed       | km/h  | 3.3                    |
| Maximum Laydown Rate        | t/h   | 1300                   |
| Hopper Capacity             | t     | 16                     |
| Gradeability                | %     | 20                     |
| Evenness (3m feet)          | mm    | ≤1.2                   |
| Cross Slope Error           | %     | ±0.2                   |
| Crown Adjustment Range      | %     | -1 - +3                |
| Diesel Engine Model         | /     | QSL8.9C325             |
| Diesel Engine Power         | kW    | 242                    |
| Diesel Engine Speed         | r/min | 1800                   |
| Auger Speed                 | r/min | 0 - 102                |
| Conveyor Speed              | m/min | 0 - 37                 |
| Tamper Speed                | r/min | 300 - 1500             |
| Tamper Amplitude            | mm    | 4.8                    |
| Machine Weight              | t     | 30.5 - 47.8            |
| Overall Dimensions          | mm    | 7680×3210×4110         |
| Diesel Tank Capacity        | L     | 420                    |
| Hydraulic Oil Tank Capacity | L     | 300                    |
| Screed Plate Heating Method | /     | Electric heating       |
| Heating Generator Power     | kW    | 40+40                  |

### Notes:

Specifications and configurations may vary depending on options and regional regulations. XCMG reserves the right to make changes to specifications without prior notice.



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