

# SSR150C-8 SINGLE DRUM ROLLER

## EXTENDED LIFE TIME

- ◆ The use of water wheel type lubrication on the vibratory bearing extends the bearing life up to 5,000 hours.
- ◆ Double filtration of engine high intake air, the hydraulic system contains three stage filtration.

## HIGH EFFICIENCY

- ◆ 10% greater excitation force than other products in the same category resulting in 16.7% greater production.

## SAFETY FEATURES

- ◆ Rounded bumpers front and rear
- ◆ Large rear glass and sloped hood for greater visibility

## OPERATOR COMFORT

- ◆ Cab mounted on vibration damping mounts
- ◆ Cab temperature control
- ◆ Operator control forces have been reduced



### Higher compaction efficiency

- ◆ The exciting force is 10% higher than similar models in the industry.  
Operational efficiency increased by 16.7%

### Longer service life of the whole machine

- ◆ Original rat bag type lubricating device fully lubricates bearings, bearings  
Service life of more than 5000h
- ◆ Double filtration of air intake at the high position of the engine, and three-stage filtration of the oil circuit

### Safer humanised design

- ◆ Original rat bag type lubricating device fully lubricates bearings, bearings  
Service life of more than 5000h
- ◆ Double filtration of air intake at the high position of the engine, and three-stage filtration of the oil circuit

### Safer humanised design

- ◆ The cab is installed on the shock absorbing bracket
- ◆ Cab temperature can be controlled
- ◆ Operator control has been reduced



TECHNICAL PARAMETERS



SSR150C-8 Single Drum Roller Technical Parameters

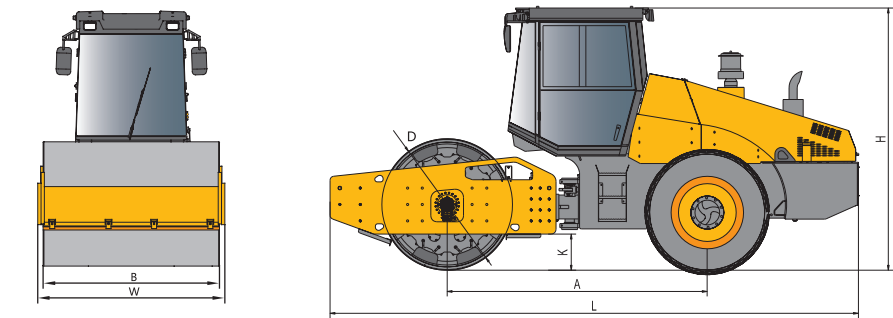
| Model            |                                   | SSR150C-8        |
|------------------|-----------------------------------|------------------|
| Weight and Load  | Operating Weight(kg)              | 15000            |
|                  | Weight at Drum(kg)                | 9600             |
|                  | Weight at Rear axle(kg)           | 5400             |
|                  | Drum Static Linear Load(N/cm)     | 442              |
| Compaction       | Vibration Frequency (Hz)          | 32/36            |
|                  | Nominal Amplitude(mm)             | 1.8/0.9          |
|                  | Excitation Force(kN)              | 300/210          |
|                  | Drum Diameter(mm)                 | 1500             |
|                  | Drum Width(mm)                    | 2130             |
|                  | Drum Edge Thickness(mm)           | 25               |
| Maneuver Ability | Travel Speed(km/h)                | 0~5.5            |
|                  |                                   | 0~12             |
|                  | Gradeability                      | 45%              |
|                  | Ground Clearance(mm)              | 410              |
|                  | Wheelbase(mm)                     | 3143             |
|                  | Steering Angle(°)                 | ±35              |
|                  | Swing Angle(°)                    | ±12              |
|                  | Min. Turning Outside Diameter(mm) | 12010            |
| Engine           | Tires                             | 23.1-26-12PR     |
|                  | Brand                             | DONGFENG CUMMINS |
|                  | Model                             | QSB4.5-C160-30   |
|                  | Emission                          | 3                |
|                  | Rated Power(kW)                   | 119              |
| Capacity         | Battery(V×Ah)                     | 24×120           |
|                  | Fuel Tank(L)                      | 200              |
|                  | Hydraulic Oil Tank(L)             | 120              |

Single Drum Roller SSR150C-8 Standard and Optional Configurations

| Config                 | Systems            | Description                            | Quantity | Details   | Remarks   |
|------------------------|--------------------|--|----------|---|---|
| Standard Configuration | Main Machine       | SSR150C-8 Single Drum Roller, Standard | 1        | 1.Engine<br>2.Travel Pump<br>3.Vibration Pump<br>4.Travel Motor<br>5.Vibration Motor<br>6.Operating Platform<br>7.Vibratory Drum (Smooth)<br>8.Electrical System                      | 9.Operating System<br>10.Front Frame<br>11.Rear Frame<br>12.Covering Part<br>13.Rear Axle Assembly<br>14.Center Articulated Frame<br>15.Cab+A/C |
|                        | Shed               | Shed                                   | 1        | Low Cost  |   |
| Optional Configuration | pad foot           | Drum with Welded pad foot              | 1        | Vibratory drum with welded pad foot, which cannot be removed, suitable for compaction of clay, semi-clay, rocks, gravels, expansive soil, and coal cinder base                        |   |
|                        | Assembled pad foot | foot                                   | 1        | Vibratory drum with assembled pad foot, which can be removed to form a smooth drum; suitable for compaction of clay, semi- clay, rocks, gravels, expansive soil, and coal cinder base |   |

Dimensions of SSR150C-8 Single Drum Roller

| Size Code | SSR150C-8 |
|-----------|-----------|
| A(mm)     | 3143      |
| W(mm)     | 2286      |
| L(mm)     | 6173      |
| D(mm)     | 1500      |
| H(mm)     | 3227      |
| B(mm)     | 2130      |
| K(mm)     | 410       |



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