



SSR140C-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.

Operator comfort

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

Safety features

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

Technical specifications

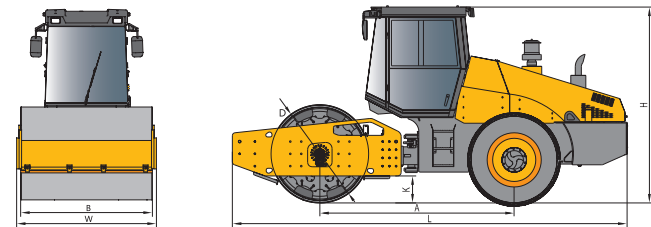
| Model | | SSR140C-8 |
|------------------|------------------------------------|------------------|
| Weight and load | Operating weight (kg) | 14000 |
| | Weight at drum (kg) | 8000 |
| | Weight at rear axle (kg) | 6000 |
| | Drum static linear load (N/cm) | 375 |
| Compaction | Vibration frequency (Hz) | 33/36 |
| | Nominal amplitude (mm) | 1.9/1.0 |
| | Centrifugal force (kN) | 290/200 |
| | Drum diameter (mm) | 1500 |
| | Drum width (mm) | 2130 |
| | Drum edge thickness (mm) | 25 |
| Maneuver ability | Travel speed (km/h) | 0~4.6 |
| | Gradeability | 50% |
| | Ground clearance (mm) | 410 |
| | Wheelbase (mm) | 2980 |
| | Steering angle (°) | ±35 |
| | Swing angle (°) | ±12 |
| | Min. turning outside diameter (mm) | 11800 |
| | Tires | 20.5-25-16PR |
| | Brand | DONGFENG CUMMINS |
| | Model | 6BTAA5.9-C180 |
| Engine | Emission | / |
| | Rated power (kW) | 132 |
| | Battery (V × Ah) | 24 × 120 |
| | Fuel tank (L) | 300 |
| Capacity | Hydraulic oil tank (L) | 150 |

Standard configurations

| Config. | Systems | Description | Qty | Details | | Remarks |
|-----------------|--|--|-----|--|----------------------|-------------------------------------|
| Standard confi. | Main machine | SSR140C-8 single drum roller, standard | 1 | 1. Engine | 9. Electrical system | |
| | | | | 2. Travel pump | 10. Operating system | |
| Optional confi. | Shed | Shed | 1 | Low cost | | Optional |
| | Vibratory drum with welded 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 | | Substitute smooth drums permissible |
| | Vibratory drum with assembled pad foot | Drum with assembled pad 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 | | Optional |

Dimensions

| Size code | SSR140C-10 |
|-----------|------------|
| A(mm) | 2980 |
| W(mm) | 2286 |
| L(mm) | 5800 |
| D(mm) | 1500 |
| H(mm) | 3200 |
| B(mm) | 2130 |
| K(mm) | 410 |



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The product configuration (including technical parameters) is subject to change and the delivered actual machine without notice.

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