



# SPR160C-8

## PNEUMATIC TYRE ROLLER

### Exceptional compaction performance

- ◆ Meeting the demands of compaction for asphalt road and cement stabilized base

### Hydraulic drive system

- ◆ Continuously variable drive system provides smooth starting and stopping
- ◆ Controls are easy to learn and easy to operate

### Automatic oil-spraying technology

- ◆ Pneumatic powered automatic oil-spraying prevents asphalt from sticking to the tires
- ◆ Two minute suction refill of oil tank eliminates the manual refilling
- ◆ Eliminates the safety hazard of manually applying oil

### Automatic inflation system

- ◆ Tire pressure is adjustable from within the cab
- ◆ Even and consistent air pressure ensures compaction quality

### Hydraulic brake system

- ◆ Hydraulic braking is engaged upon engine or transmission failure
- ◆ Braking distance is 50% less than similar equipment
- ◆ Transaxle brake is applied when the equipment stops without the need for hand brake

- ◆ Air pressure is maintained even when a tire has a slow leak



## Technical specifications

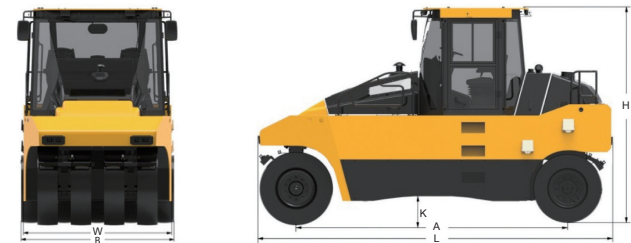
| Model            | SPR160C-8                          |                  |
|------------------|------------------------------------|------------------|
| Compaction       | Max. operating weight (kg)         | 16000            |
|                  | Min. operating weight (kg)         | 10000            |
|                  | Ground pressure (kPa)              | 200~400          |
|                  | Single tire load (t)               | 2                |
|                  | Tire Inflation pressure (kPa)      | 200~800          |
|                  | Compaction width (mm)              | 2085             |
|                  | Overlap (mm)                       | 36               |
| Maneuver ability | Travel speed (km/h)                | 0~7.6            |
|                  |                                    | 0~14             |
|                  | Steering angle (° )                | 30               |
|                  | Gradeability                       | 25%              |
|                  | Swing distance (mm)                | 50               |
|                  | Ground clearance (mm)              | 350              |
|                  | Wheelbase (mm)                     | 3750             |
|                  | Min. turning outside diameter (mm) | 17000            |
| Engine           | Brand                              | DONGFENG CUMMINS |
|                  | Model                              | 4BTAA3.9-C125    |
|                  | Emission                           | /                |
|                  | Power (kW)                         | 93               |
| Capacities       | Accumulator (V × Ah)               | 24 × 120         |
|                  | Water tank (L)                     | 500              |
|                  | Fuel tank (L)                      | 160              |
|                  | Hydraulic oil tank (L)             | 100              |

## Standard & optional configurations

| Config.          | Systems                  | Description                          | Qty | Details  |   | Remarks  |
|------------------|--------------------------|--------------------------------------|-----|--|---|--|
| Standard confi.  | Main machine             | SPR160C-8 pneumatic roller, standard | 1   | 1.Engine<br>2.Travel pump<br>3.Travel motor<br>4.Transaxle<br>5.Conopy<br>6. Front covering part | 7. Front wheel assembly<br>8. Rear wheel assembly<br>9. Electrical system<br>10.Frame assembly<br>11. Water spraying system |  |
|                  | Shed                     | Shed                                 | 1   | Low cost   |   | Optional                                       |
| Optional config. | Cab                      | Cab                                  | 1   | Work in windy, sandy, and extreme temperature conditions   |   | Optional (substitute smooth drums permissible) |
|                  | Air conditioner          | Air condition system                 | 1   | Work in windy, sandy, and extreme temperature conditions   |   | Optional                                       |
|                  | Rear vision system       | Rear vision system                   | 1   | Work in confined areas such as residential areas   |   | Optional                                       |
|                  | Centralized inflation    | Centralized inflation                | 1   | High-grade road works  |   | Optional                                       |
|                  | Auto-oil-spraying system | Auto-oil-spraying system             | 1   | High-grade road works  |   | Optional                                       |

## Dimensions

| Size code | SPR160C-8 |
|-----------|-----------|
| A (mm)    | 3750      |
| B (mm)    | 2085      |
| H (mm)    | 3275      |
| K (mm)    | 350       |
| L (mm)    | 5200      |
| W (mm)    | 2036      |



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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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