

# SHANTUI

## SR16-B6

Road Roller



Engine Model: Weichai WP6G175E22  
Gross Power: 129kW @ 2200rpm  
Operating Weight: 16,000kg

Focus on soil compaction  
road construction expert

# SR16-B6 SPECIFICATIONS

## ENGINE

|                        |                                         |
|------------------------|-----------------------------------------|
| Model                  | Weichai WP6G175E22                      |
| Number of Cylinders    | 6                                       |
| Type                   | 4-cycle, Direct Injection, Water-cooled |
| Aspiration             | Turbocharged                            |
| Bore x Stroke          | 105*130mm                               |
| Displacement           | 6.75L                                   |
| Gross Power            | 129kW @ 2200rpm                         |
| Max. Torque            | 700N.m @ 1400~1600rpm                   |
| Rated Fuel Consumption | 215g/kW.h                               |
| Emission               | China-II                                |

## POWER TRAIN

|                    |                            |
|--------------------|----------------------------|
| Type               | Hydrostatic, 4-wheel Drive |
| Driving Pump       | Variable Piston Pump       |
| Axle Drive         | Constant Piston Motor      |
| Drum Drive         | Variable Piston Motor      |
| Tire               | 23.1-26-14PR/20.5-25-16PR  |
| Max. Grade Ability | 45%                        |
| Forward, I, II     | 0-5.5km/h, 0-10km/h        |
| Reverse, I, II     | 0-5.5km/h, 0-10km/h        |

## STEERING

|                     |                                       |
|---------------------|---------------------------------------|
| Type                | Hydraulic Power, Articulated Steering |
| Steering Angle      | ±33°                                  |
| Oscillating Angle   | ±10°                                  |
| Min. Turning Radius | 7160mm                                |

## BRAKES

|                 |                |
|-----------------|----------------|
| Service Brake   | Hydraulic Type |
| Parking Brake   | Hydraulic Type |
| Emergency Brake | Hydraulic Type |

## DRUM

|                      | SMOOTH DRUM | PADFOOT DRUM |
|----------------------|-------------|--------------|
| Width                | 2130mm      | -            |
| Diameter             | 1550mm      | -            |
| Drum Shell Thickness | 32mm        | -            |
| Number of Pad Feet   | -           | -            |
| Height of Pad Feet   | -           | -            |

## VIBRATION

|                            |                               |       |
|----------------------------|-------------------------------|-------|
| Type                       | Hydrostatic, Electric Control |       |
| Vibration Pump             | Variable Piston Pump          |       |
| Vibration Motor            | Variable Piston Motor         |       |
| Frequency, Low             | 35Hz                          | 35Hz  |
| Frequency, High            | 29Hz                          | 29Hz  |
| Amplitude, High            | 2mm                           | 2mm   |
| Amplitude, Low             | 1mm                           | 1mm   |
| Centrifugal Force, Maximum | 320kN                         | 320kN |
| Centrifugal Force, Minimum | 230kN                         | 230kN |

## CAPACITIES

|                    |      |
|--------------------|------|
| Fuel Tank          | 340L |
| Hydraulic Oil Tank | 100L |
| Engine Coolant     | 17L  |
| Engine Crank Case  | 12L  |

## ELECTRICAL SYSTEM

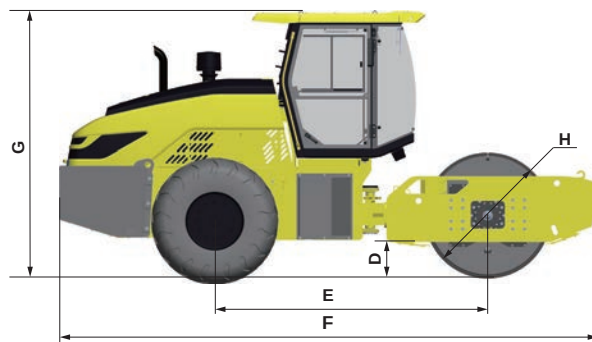
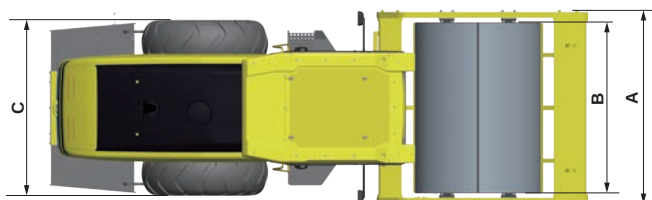
|               |            |
|---------------|------------|
| Battery       | 24V, 120Ah |
| Alternator    | 80A        |
| Starter Motor | 6kW        |

## WEIGHT

|                              |         |   |
|------------------------------|---------|---|
| Operating Weight             | 16000kg | - |
| Axle Load, Drum              | 10000kg | - |
| Axle Load, Wheel             | 6000kg  | - |
| Static Linear Load (at Drum) | 460N/cm | - |

## DIMENSIONS

|   | SMOOTH DRUM | PADFOOT DRUM |
|---|-------------|--------------|
| A | 2305mm      | 2305mm       |
| B | 2130mm      | 2130mm       |
| C | 2240mm      | 2240mm       |
| D | 370mm       | 370mm        |
| E | 3400mm      | 3400mm       |
| F | 6770mm      | 6770mm       |
| G | 3205mm      | 3205mm       |
| H | 1550mm      | 1750mm       |



\* THE SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE. THE PICTURES MAY INCLUDE OPTIONS. THE ACTUAL COLOR & APPEARANCE OF THE PRODUCT MAY DIFFER FROM WHAT IS SHOWN.

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