

SHANTUI

SR12-B6

Road Roller



Engine Model: Weichai WP4G130E22
Gross Power: 97.5kW @ 2200rpm
Operating Weight: 12,000kg

Focus on soil compaction
road construction expert

SR12-B6 SPECIFICATIONS

ENGINE

| | |
|------------------------|---|
| Model | Weichai WP4G130E22 |
| Number of Cylinders | 4 |
| Type | 4-cycle, Direct Injection, Water-cooled |
| Aspiration | Turbocharged |
| Bore x Stroke | 105*130mm |
| Displacement | 4.5L |
| Gross Power | 97.5kW @ 2200rpm |
| Max. Torque | 560N.m @ 1400~1600rpm |
| Rated Fuel Consumption | 215g/kW.h |
| Emission | China-II |

POWER TRAIN

| | |
|--------------------|---|
| Type | Hydrostatic, All-wheel Drive |
| Driving Pump | Mechanical Control, Variable Piston Pump 75ml/r |
| Axle Drive | Variable Piston Motor |
| Drum Drive | Constant Piston Motor |
| Tire | 23.1-26-8PR/20.5-25-16PR |
| Max. Grade Ability | 48% |
| Forward, I, II | 0~5.3km/h, 0~9.9km/h |
| Reverse, I, II | 0~5.3km/h, 0~9.9km/h |

STEERING

| | |
|---------------------|---------------------------------------|
| Type | Hydraulic Power, Articulated Steering |
| Steering Angle | ±33° |
| Oscillating Angle | ±12° |
| Min. Turning Radius | 6400mm |

BRAKES

| | |
|-----------------|--|
| Service Brake | Hydraulic Inertia Brake |
| Parking Brake | Multi-disc Brake, Hydraulic Control |
| Emergency Brake | Hydraulic Inertia Brake & Multi-disc Brake |

DRUM

| | |
|----------------------|--------|
| Width | 2130mm |
| Diameter | 1500mm |
| Drum Shell Thickness | 20mm |

VIBRATION

| | |
|----------------------------|-------------------------------|
| Type | Hydrostatic, Electric Control |
| Vibration Pump | Variable Piston Pump |
| Vibration Motor | Constant Piston Motor |
| Frequency, Low | 30Hz |
| Frequency, High | 36Hz |
| Amplitude, High | 2mm |
| Amplitude, Low | 1mm |
| Centrifugal Force, Maximum | 290kN |
| Centrifugal Force, Minimum | 200kN |

CAPACITIES

| | |
|--------------------|------|
| Fuel Tank | 260L |
| Hydraulic Oil Tank | 100L |
| Engine Coolant | 17L |
| Engine Crank Case | 11L |

ELECTRICAL SYSTEM

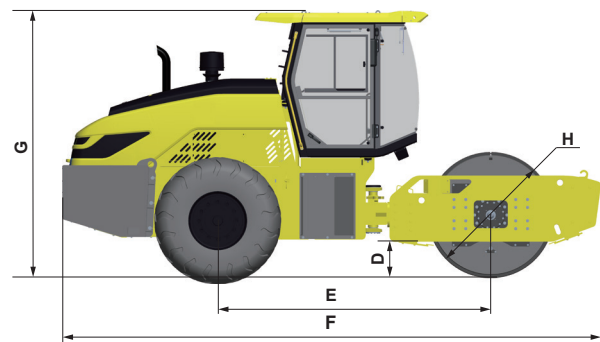
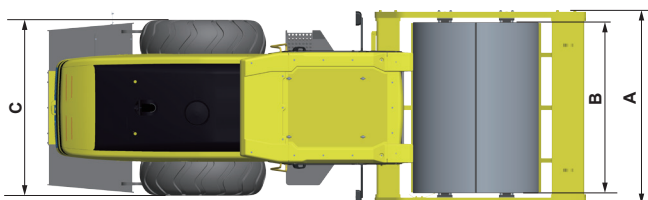
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|---------------|--------------|
| Battery | 2x12V, 120Ah |
| Alternator | 28V, 80A |
| Starter Motor | 24V, 6kW |

WEIGHT

| | |
|------------------------------|---------|
| Operating Weight | 12000kg |
| Axle Load, Drum | 7000kg |
| Axle Load, Wheel | 5000kg |
| Static Linear Load (at Drum) | 327N/cm |

DIMENSIONS

| DIMENSIONS | CAB |
|------------|--------|
| A | 2305mm |
| B | 2130mm |
| C | 2180mm |
| D | 360mm |
| E | 3100mm |
| F | 5890mm |
| G | 3160mm |
| H | 1500mm |



* 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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