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| Mass | | Operating Mass (kg) | 18000 |
| | | Mass On Vibrating Drum (kg) | 9500 |
| | | Mass On Drive Axle (kg) | 8500 |
| | | Front Drum Static Linear Load (N/cm) | 437 |
| Compaction | | Vibration Frequency (Hz) | 30/32 |
| | | Nominal Amplitude (mm) | 1.9/0.9 |
| | | Centrifugal Force (kN) | 360/180 |
| | | Drum Diameter (mm) | 1555 |
| | | Drum Width (mm) | 2130 |
| | | Drum Thickness (mm) | 40 |
| Drive | | 1st Maximum Speed,fwd (km/h) | 2.5 |
| | | 2nd Maximum Speed,fwd (km/h) | 5.0 |
| | | 3rd Maximum Speed,fwd (km/h) | 10 |
| | | 4th Maximum Speed,fwd (km/h) | \ |
| | | Theoretical Gradeability (%) | 30 |
| | | Min. Ground Clearance (mm) | 430 |
| | | Wheelbase (mm) | 3130 |
| | | Steering Angle (°) | ± 35 |
| | | Swing angle (°) | ± 10 |
| | | Min. Outside Turning Radius (mm) | 6500 |
| | | Tyre Type | 20.5-25-16PR |
| | | Tyre Pressure (kPa) | 300-330 |
| | | Overall Length (mm) | 6200 |
| | | Overall Width (mm) | 2340 |
| | Overall Height (mm) | 3040 | |
| Engine | | Brand | Shangchai |
| | | Model | SC8D175.1G2B1 |
| | | Emission Regulation | Tier II |
| | | Rated Power (kW) | 128 |
| | | Rated Rotation Speed (r/min) | 2000 |
| | | Theoretical Fuel Consumption (g/kW.h) | 223 |
| | | Torque (N.m) | 720 |
| | | Number of Cylinders | 6 |
| | | Displacement (L) | 8.27 |
| | | Aspiration | Turbocharged |
| | | Cooling Type | Water |
| Hydraulic | Travel Pump | Brand | \ |
| | | Model | \ |
| | | Displacement (mL) | \ |
| | Vibrating Pump | Brand | Danfoss |

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|--|------------------------------------|------------------------|-------------------|---------|
| | | Model | 90R055 | |
| | | Displacement (mL) | 55 | |
| | | Travel Motor | | |
| | | | Brand | \ |
| | | | Model | \ |
| | | | Displacement (mL) | \ |
| | | Vibrating Motor | Brand | Danfoss |
| | | | Model | 90M055 |
| | | | Displacement (mL) | 55 |
| | | Reduction Gear | Brand | \ |
| | | | Model | \ |
| | | | Reduction Ratio | \ |
| Drive Axle | | Brand | Liugong | |
| | | Model | 40B | |
| Volume | Battery (V/Ah) | | 24/200 | |
| | Alternator (V/A) | | 28/55 | |
| | Rear Axle (L) | | 20 | |
| | Vibrating Housing (L) | | 2.3×2 | |
| | Fuel Tank (L) | | 285 | |
| | Hydraulic Oil Tank (L) | | 120 | |
| | Engine Oil (L) | | 19 | |
| | Transimission/Torque Converter (L) | | 14.5 | |
| | Coolant (L) | | 32 | |
| | Tyre Wetting (L) | | 415×2 | |
| | Weight on Front Axle (T) | | \ | |
| | Weight on Rear Axle | | \ | |
| | Padfoot | Padfoot Thickness (mm) | | 18 |
| | | Padfoot Height (mm) | | 80 |
| Unit Area of Per Padfoot (c m ²) | | 110 | | |
| Grounding Area (c m ²) | | 612 | | |
| Number of Padfoot | | 132 | | |
| Gross Weight of Padfoot (kg) | | 1120 | | |
| File and Certificate | Introduce Document of Products | | √ | |
| | Parts Manual | | \ | |
| | Maintenance Manual | | √ | |
| | Service Manual | | \ | |
| | CE Certificate | | \ | |
| | GOST Certificate | | √ | |
| | CUTR Certificate | | √ | |
| | SONCAP Certificate | | \ | |
| | Iran ISO Report | | √ | |

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| | Noises Report | \ |
| | ROPS Certificate | \ |
| | Type-test Certificate | ✓ |
| | Type-test Certificate Report | \ |