



| Overall Data            |      |                    |  | Steering System                 |                              |
|-------------------------|------|--------------------|--|---------------------------------|------------------------------|
| Bucket Capacity (m³)    |      | 3.0                |  | Type                            | Hydraulic Load Sensor System |
| Rated Payload(kg)       |      | 5000               |  | Cylinders-Bore× Stroke(mm)      | 2-100×324                    |
| Operating Weight(kg)    |      | 15850              |  | Steering Pump                   | Gear Pump                    |
| Traction Force(kN)      |      | 155                |  | System Pressure(M Pa)           | 16                           |
| Breakout Force(kN)      |      | 165                |  | Flow Rate(L/min/rpm)            | 176/2200                     |
| Max.Dumping Height (mm) |      | 3193               |  | Steering Angle                  | ±32°                         |
| Travel speeds (km/h):   |      |                    |  |                                 |                              |
|                         | I    | II                 |  | Hydraulic System                |                              |
| Forward                 | 11.5 | 36                 |  | Lift Cylinders-Bore× Stroke(mm) | 2-180×721                    |
| Reverse                 | 16   |                    |  | Tilt Cylinder-Bore× Stroke(mm)  | 1-200×563                    |
| Engine                  |      | WEICHAIWD10G240E21 |  |                                 |                              |
| Rated Power(k w/rpm)    |      | 175/1900           |  | Model of Working Pump           | Gear Pump                    |
|                         |      |                    |  | Flow Rate(L/min/rpm)            | 220/2200                     |

Shanghai Longji Construction Machinery Co., Ltd.

**Add:** Room 1311, Building C, Lane 58, No.1 East Xinjian Road, Minhang District, Shanghai City, China

**Post Code:** 201100

**E-mail:** [info@shlongji.com](mailto:info@shlongji.com)

**Tel:** +86-21-541-71571

**Fax:** +86-21-541-71572

**Website:** [www.shlongji.com](http://www.shlongji.com) Wheel Loader,Road Roller,Dump Truck

|                                |  |                                       |         |                                                        |  |                           |  |              |  |       |  |  |  |
|--------------------------------|--|---------------------------------------|---------|--------------------------------------------------------|--|---------------------------|--|--------------|--|-------|--|--|--|
| Rated Torque (Nm/rpm)          |  | 920/1400-1600 24                      |         | System Pressure(MPa)                                   |  | 16                        |  |              |  |       |  |  |  |
| Starting Voltage (V)           |  |                                       |         | Pilot Control System Pressure (MPa)                    |  | 2.5                       |  |              |  |       |  |  |  |
| Drive Train                    |  |                                       |         | Hydraulic Cycle Time, Rated Load in Bucket(in Second): |  |                           |  |              |  |       |  |  |  |
| Torque Converter               |  | Single-stage, Duo-turbine, 4-elements |         | Raise(Loaded)                                          |  | Dump                      |  | Lower(Empty) |  | Total |  |  |  |
| Torque Ratio                   |  | 4                                     |         | 6                                                      |  | 1                         |  | 4            |  | 11    |  |  |  |
| Transmission                   |  | Planetary Power shift Transmission    |         | Electrical System                                      |  |                           |  |              |  |       |  |  |  |
| Gear                           |  | 2F/1R                                 |         | System Voltage(V)                                      |  |                           |  | 24           |  |       |  |  |  |
| Pressure of Transmission(M Pa) |  |                                       | 1.2-1.5 |                                                        |  | Battery (2 in series)(Ah) |  |              |  | 120   |  |  |  |
| Main Reducer                   |  | Spiral Bevel, 1-stage Reduction       |         | Lamp Voltage(V)                                        |  |                           |  | 24           |  |       |  |  |  |
| Final Reducer                  |  | Planetary Reduction                   |         | Service Refill Capacity                                |  |                           |  |              |  |       |  |  |  |
| Tire                           |  | 23.5-25 L-3 16PR                      |         | Fuel Tank(L)                                           |  |                           |  | 285          |  |       |  |  |  |
| Brake System                   |  |                                       |         | Hydraulic Tank(L)                                      |  |                           |  | 285          |  |       |  |  |  |
| Service Brake                  |  | Duo Circuit Caliper, Dry Brake        |         | Crankshaft(L)                                          |  |                           |  | 20           |  |       |  |  |  |
| Setting Pressure (MPa)         |  | 0.78                                  |         | Transmission(L)                                        |  |                           |  | 45           |  |       |  |  |  |
| Parking Brake                  |  | Air Actuated Caliper Brake            |         | Front Axle(L) /Rear Axle(L)                            |  |                           |  | 23/23        |  |       |  |  |  |
| Emergency Brake                |  | Air Actuated Caliper Brake            |         | Air Conditioning System                                |  |                           |  |              |  |       |  |  |  |
|                                |  |                                       |         | Heating Capacity(W)                                    |  |                           |  | 5300(±10%)   |  |       |  |  |  |
|                                |  |                                       |         | Cooling Capacity(W)                                    |  |                           |  | 4500(±10%)   |  |       |  |  |  |

Shanghai Longji Construction Machinery Co., Ltd.

**Add:** Room 1311, Building C, Lane 58, No.1 East Xinjian Road, Minhang District, Shanghai City, China

**Post Code:** 201100

**E-mail:** [info@shlongji.com](mailto:info@shlongji.com)

**Tel:** +86-21-541-71571

**Fax:** +86-21-541-71572

**Website:** [www.shlongji.com](http://www.shlongji.com) Wheel Loader,Road Roller,Dump Truck