



| Overall Data            |      |                    |  | Steering System                 |                              |
|-------------------------|------|--------------------|--|---------------------------------|------------------------------|
| Bucket Capacity (m³)    |      | 2.6                |  | Type                            | Hydraulic Load Sensor System |
| Rated Payload(kg)       |      | 5000               |  | Cylinders-Bore× Stroke(mm)      | 2-100×324                    |
| Operating Weight(kg)    |      | 16200              |  | Steering Pump                   | Gear Pump                    |
| Traction Force(kN)      |      | 155                |  | System Pressure(M Pa)           | 15                           |
| Breakout Force(kN)      |      | 145                |  | Flow Rate(L/min/rpm)            | 176/2200                     |
| Max.Dumping Height (mm) |      | 3550               |  |                                 |                              |
| Travel speeds (km/h):   |      |                    |  | Steering Angle                  | ±35°                         |
|                         | I    | II                 |  | Hydraulic System                |                              |
| Forward                 | 11.5 | 38                 |  | Lift Cylinders-Bore× Stroke(mm) | 2-180×721                    |
| Reverse                 | 16   |                    |  | Tilt Cylinder-Bore× Stroke(mm)  | 1-200×563                    |
| Engine                  |      | WEICHAIWD10G240E24 |  | Model of Working Pump           | Gear Pump                    |

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|                                |  |                                       |  |                                                        |  |            |              |       |
|--------------------------------|--|---------------------------------------|--|--------------------------------------------------------|--|------------|--------------|-------|
| Rated Power(k w/rpm)           |  | 175/1900                              |  | Flow Rate(L/min/rpm)                                   |  | 220/2200   |              |       |
| Rated Torque (Nm/rpm)          |  | 920/1400-1600 24                      |  | System Pressure(MPa)                                   |  | 16         |              |       |
| Starting Voltage (V)           |  |                                       |  | Pilot Control System Pressure (MPa)                    |  | 2.5        |              |       |
| <b>Drive Train</b>             |  |                                       |  | 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    |  | <b>Electrical System</b>                               |  |            |              |       |
| 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                   |  | <b>Service Refill Capacity</b>                         |  |            |              |       |
| Tire                           |  | 23.5-25 L-3 16PR                      |  | Fuel Tank(L)                                           |  | 285        |              |       |
| <b>Brake System</b>            |  |                                       |  | Hydraulic Tank(L)                                      |  | 265        |              |       |
| 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)                            |  | 25/25      |              |       |
| Emergency Brake                |  | Air Actuated Caliper Brake            |  | <b>Air Conditioning System</b>                         |  |            |              |       |
|                                |  |                                       |  | Heating Capacity(W)                                    |  | 5300(±10%) |              |       |
|                                |  |                                       |  | Cooling Capacity(W)                                    |  | 4500(±10%) |              |       |

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