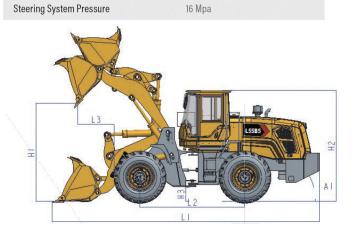
## **SPECIFICATIONS**

| ENGINE                                  |                             |
|---|-----------------------------|
| Emission                                | Tier 2 / Stage II           |
| Model                                   | Weichai WD10G220E23         |
| Rated Power                             | 162 kW (220 hp) @ 2,000 rpm |
| Max Torque                              | 900 N⋅m                     |
| Displacement                            | 9.726 L                     |
| Number of Cylinders                     | 6                           |
| LOADER ARM PERFORMANCE                  |                             |
| Tipping Load - Full Turn                | 10000 kg                    |
| Bucket Breakout Force                   | 170 kN                      |
| Maximum Dump Angle at Full Height       | 45°                         |
| Dump Clearance at Full Height Discharge | 3044 mm                     |
| Dump Reach at Full Height Discharge     | 1114 mm                     |
| Maximum Hinge Pin Height                | 4186 mm                     |
| Maximum Digging Depth, Bucket Level     | 40 mm                       |
| Bucket Capacity                         | $3  \text{m}^3$             |
| Operating Weight                        | 16400kg                     |
| TRANSMISSION                            |                             |
| Transmission Type                       | Planetary, power shift      |
| Torque Converter                        | Single stage, four elements |
| Maximum Travel Speed, fwd               | 40 km/h                     |
| Maximum Travel Speed, rev               | 15 km/h                     |
| Number of Speeds, fwd                   | 2                           |
| Number of Speeds, rev                   | 1                           |
| AXLES                                   |                             |
| Differential Front Type                 | Conventional                |
| Differential Rear Type                  | Conventional                |
| Axle Oscillation                        | ±12°                        |
| STEERING                                |                             |
| Steering Configuration                  | Articulated                 |
|   |                             |





| BRAKES                          |                        |
|---------------------------------|------------------------|
| Service Brake Type              | Caliper disc brake     |
| Service Brake Actuation         | Air over Hydraulic     |
| Parking Brake Type              | Flexible shaft control |
| Parking Brake Actuation         | Mechanical             |
| TIRES                           |                        |
| Tire Size                       | 23.5-25 L3             |
| HYDRAULIC SYSTEM                |                        |
| Main Pump Type                  | Gear                   |
| Main Relief Pressure            | 18 Mpa                 |
| Raise time                      | 5.5 S                  |
| Total Cycle Time                | 10.5 S                 |
| SERVICE CAPACITY                |                        |
| Fuel Tank                       | 300 L                  |
| Hydraulic oil Tank              | 170 L                  |
| Engine Oil                      | 21 L                   |
| Axles, each                     | 29X2 L                 |
| Transmission                    | 45 L                   |
| Cooling System                  | 23 kg                  |
| DIMENSIONS                      |                        |
| Length                          | 8220 mm                |
| Width                           | 3066 mm                |
| Height                          | 3540 mm                |
| Wheelbase                       | 3250 mm                |
| Wheel Tread                     | 2238 mm                |
| Ground Clearance                | 440 mm                 |
| Turn Angle, Either Side         | 35°                    |
| Turning Radius, Outside of Tire | 6626 mm                |
| Turning Radius, Center of Tire  | 6326 mm                |
| Turning Radius, Bucket Carry    | 7219 mm                |
|                                 |                        |

