



| | |
|--------------------------------|--------------------------------------|
| Engine | Cummins QSB5.9-C150 |
| Rated Power | 113 kW (152 hp / 154 ps) @ 2,200 rpm |
| Net Power | 104 kW (139 hp / 141 ps) @ 2,200 rpm |
| Operating Weight | 11,375 kg |
| Standard Bucket Size | 2.0 m ³ |
| Standard Breakout Force | 87 kN |
| Standard Dump Clearance | 2,856 mm |

835H MAX WHEEL LOADER

835H MAX SPECIFICATIONS >>>

ENGINE

| | |
|---------------------|---------------------------------------|
| Emission Regulation | Tier 3 / Stage III |
| Manufacturer | Cummins |
| Model | QSB5.9-C150 |
| Rated Power | 113 kW (152 hp / 154 ps) @ 2,200 rpm |
| Net Power | 104 kW (139 hp / 141 ps) @ 2,200 rpm |
| Peak Torque | 690 N·m @ 1,100 -1,500 rpm |
| Displacement | 5.9 L |
| Number of Cylinder | 6 |
| Aspiration | Turbocharged & Air-to-air intercooled |

TRANSMISSION

| | |
|---------------------------|------------------------------|
| Transmission Type | Countershaft, power shift |
| Torque Converter | Single stage, three elements |
| Maximum Travel Speed, fwd | 37 km/h |
| Maximum Travel Speed, rev | 23 km/h |
| Number of Speed, fwd | 4 |
| Number of Speed, Rev | 3 |

AXLES

| | |
|-------------------------|--------------|
| Differential Front Type | Limited slip |
| Differential Rear Type | Limited slip |
| Axle Oscillation | ±12° |

STEERING

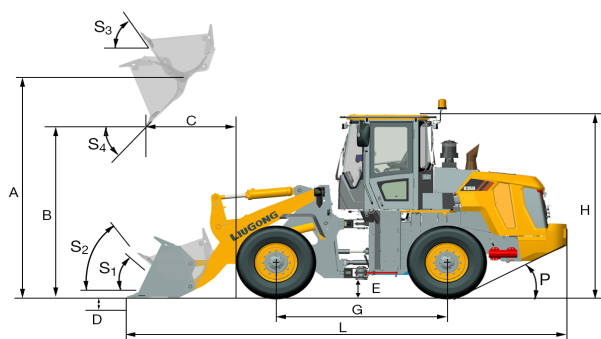
| | |
|--------------------------|-------------|
| Steering Configuration | Articulated |
| Steering Relief Pressure | 17.2 MPa |

BRAKES

| | |
|-------------------------|-------------------|
| Service Brake Type | Wet discs brake |
| Service Brake Actuation | Hydraulic |
| Parking Brake Type | Drum |
| Parking Brake Actuation | Electro-hydraulic |

HYDRAULIC SYSTEM

| | |
|--------------------------|--------|
| Main Pump Type | Gear |
| Main Relief Pressure | 17 MPa |
| Raise | 5.1 s |
| Dump Time | 1.1 s |
| Float Down Time | 3.1 s |
| Fastest Total Cycle Time | 9.3 s |



LOADER ARM PERFORMANCE WITH STANDARD BUCKET 2.0 m³

| | |
|--|----------|
| Tipping Load - Straight (ISO 14397-1:2007) | 8,800 kg |
| Tipping Load - Full Turn (ISO 14397-1:2007) | 7,500 kg |
| Bucket Breakout Force | 87 kN |
| A Maximum Hinge Pin Height | 3,739 mm |
| B Dump Clearance at Full Height Discharge | 2,856 mm |
| C Dump Reach at Full Height Discharge | 1,100 mm |
| D Maximum Digging Depth, Bucket Level | 40 mm |
| S ₁ Rollback at Ground Level | 42° |
| S ₂ Bucket Rollback at Carry | 49° |
| S ₃ Bucket Rollback at Maximum Height | 60° |
| S ₄ Maximum Dump Angle at Full Height | 45° |

BUCKET PERFORMANCE

| | |
|------------------|------------|
| Reference Bucket | 1.5-3.2 m³ |
|------------------|------------|

DIMENSIONS

| | |
|--|----------|
| E Ground Clearance | 350 mm |
| G Wheelbase | 2,870 mm |
| H Cab Height | 3,340 mm |
| J Wheel Tread | 1,850 mm |
| K Width Over Tires | 2,295 mm |
| L Length with Bucket Down | 7,298 mm |
| M Turn Angle, Either Side | 40° |
| P Rear Angle of Departure | 28° |
| R ₁ Turning Radius, Bucket Carry | 5,636 mm |
| R ₂ Turning Radius, Outside of Tire | 5,090 mm |
| W Width Over Bucket | 2,500 mm |

TIRES

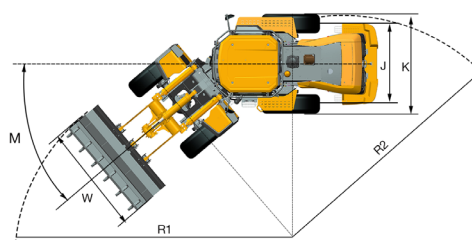
| | |
|-----------|---------------------|
| Tire Size | 17.5-25 PR12 L-3 TT |
|-----------|---------------------|

OPERATING WEIGHTS

| | |
|------------------|-----------|
| Operating Weight | 11,375 kg |
|------------------|-----------|

SERVICE CAPACITY

| | |
|-----------------------------------|--------|
| Fuel Tank | 140 L |
| Engine Oil | 16.3 L |
| Cooling System | 40 L |
| Hydraulic System | 130 L |
| Transmission and Torque Converter | 45 L |
| Axles, Each | 28 L |



Guangxi Liugong Machinery Co., Ltd.

No. 1 Liutai Road, Liuzhou, Guangxi 545007, PR China
 T: +86 772 3886124 E: overseas@liugong.com
 www.liugong.com

Specifications and designs are subject to change without notice. Machines shown may include optional equipment. Liugong standard and optional equipment may vary from region to region. Please consult your Liugong dealer for information specific to your area. Engine power kW is converted to horsepower (1 kW=1.3596 ps and 1 kW=1.3410 hp) in this file.

02/2022 Designed by LiuGong
 Replace the previous versions of 07/2020