

| | |
|-------------------------|----------------------------|
| Engine | Cummins 6BTAA5.9-C130 |
| Gross Power | 97 kW (130 hp) @ 2,200 rpm |
| Net Power | 85 kW (113 hp) @ 2,200 rpm |
| Operating Weight | 10,300 kg |
| Standard Bucket Size | 1.8 m ³ |
| Standard Breakout Force | 105 kN |
| Standard Dump Clearance | 2,920 mm |

835H

WHEEL LOADER



TOUGH WORLD. TOUGH EQUIPMENT.

835H SPECIFICATIONS >>>

ENGINE

| | |
|---------------------|----------------------------|
| Emission Regulation | Tier 2 / Stage II |
| Make | Cummins |
| Model | 6BTAA5.9-C130 |
| Gross Power | 97 kW (130 hp) @ 2,200 rpm |
| Net Power | 85 kW (113 hp) @ 2,200rpm |
| Peak Torque | 580 N·m |
| Displacement | 5.9 L |
| Number of Cylinder | 6 |
| Aspiration | Turbocharged |

TRANSMISSION

| | |
|---------------------------|------------------------------|
| Transmission Type | Countershaft, power shift |
| Torque Converter | Single stage, three elements |
| Maximum Travel Speed, fwd | 38 km/h |
| Maximum Travel Speed, rev | 23.5 km/h |
| Number of Speed, fwd | 4 |
| Number of Speed, Rev | 3 |

AXLES

| | |
|-------------------------|--------------|
| Differential Front Type | Conventional |
| Differential Rear Type | Conventional |
| Axle Oscillation | ±11° |

STEERING

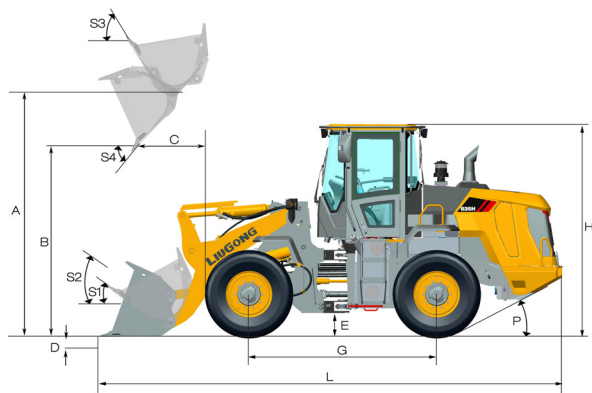
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|--------------------------|-------------|
| Steering Configuration | Articulated |
| Steering Relief Pressure | 17.2 MPa |

BRAKES

| | |
|-------------------------|------------------------|
| Service Brake Type | Caliper discs brake |
| Service Brake Actuation | Air over hydraulic |
| Parking Brake Type | Flexible shaft control |
| Parking Brake Actuation | Mechanical |

HYDRAULIC SYSTEM

| | |
|--------------------------|--------|
| Main Pump Type | Gear |
| Main Relief Pressure | 18 MPa |
| Raise | 5.0 s |
| Dump Time | 1.1 s |
| Float Down Time | 3.1 s |
| Fastest Total Cycle Time | 9.2 s |



LOADER ARM PERFORMANCE with Standard Bucket 1.8 m³

| | |
|--|----------|
| Tipping Load - Straight (ISO 14397-1:2007) | 7,800 kg |
| Tipping Load - Full Turn (ISO 14397-1:2007) | 6,700 kg |
| Bucket Breakout Force | 105 kN |
| A Maximum Hinge Pin Height | 3,730 mm |
| B Dump Clearance at Full Height Discharge | 2,920 mm |
| C Dump Reach at Full Height Discharge | 1,014 mm |
| D Maximum Digging Depth, Bucket Level | 40 mm |
| S ₁ Rollback at Ground Level | 41° |
| S ₂ Bucket Rollback at Carry | 48° |
| S ₃ Bucket Rollback at Maximum Height | 61° |
| S ₄ Maximum Dump Angle at Full Height | 45° |

BUCKET PERFORMANCE

| | |
|------------------|------------|
| Reference Bucket | 1.5-3.0 m³ |
|------------------|------------|

DIMENSIONS

| | |
|--|----------|
| E Ground Clearance | 350 mm |
| G Wheelbase | 2,870 mm |
| H Cab Height | 3,232 mm |
| J Wheel Tread | 1,850 mm |
| K Width Over Tires | 2,300 mm |
| L Length with Bucket Down | 7,010 mm |
| M Turn Angle, Either Side | 40° |
| P Rear Angle of Departure | 28° |
| R ₁ Turning Radius, Bucket Carry | 5,617 mm |
| R ₂ Turning Radius, Outside of Tire | 5,090 mm |
| W Width Over Bucket | 2,460 mm |

TIRES

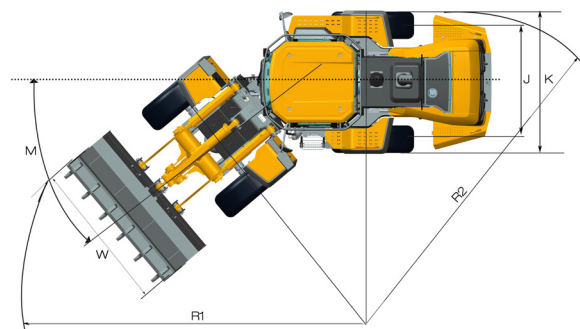
| | |
|-----------|-------------|
| Tire Size | 17.5-25PR12 |
|-----------|-------------|

OPERATING WEIGHTS

| | |
|------------------|-----------|
| Operating Weight | 10,300 kg |
|------------------|-----------|

SERVICE CAPACITY

| | |
|-----------------------------------|--------|
| Fuel Tank | 150 L |
| Engine Oil | 16.3 L |
| Cooling System | 35 L |
| Hydraulic System | 88 L |
| Transmission and Torque Converter | 40 L |
| Axles, Each | 16 L |



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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.

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