Engine: Yuchai

Gross Power: 92 kW (123 hp) @ 2,200 rpm
Net Power: 83 kW (111 hp) @ 2,200 rpm

Operating Weight: 10,900 kg

Standard Bucket Size: 1.7 m³
Standard Breakout Force: 93.5 kN
Standard Dump Clearance: 2,911 mm
# CLG835
## Wheel Loader

**ENGINE**
- Emission Regulation: Tier 2 / Stage II
- Make: Yuchai
- Gross Power: 92 kW (123 hp) @ 2,200 rpm
- Net Power: 83 kW (111 hp) @ 2,200 rpm
- Peak Torque: 500 N·m @ 1,500 rpm
- Displacement: 6.49 L
- Number of Cylinders: 6
- Aspiration: turbocharged

**TRANSMISSION**
- Transmission Type: power shift
- Transmission Configuration: planetary
- Torque Converter: double - stage, four - element
- Maximum Travel Speed, fwd: 36.00 km/h
- Maximum Travel Speed, rev: 15.00 km/h
- Number of Speeds, fwd: 2
- Number of Speeds, rev: 1

**AXLES**
- Differential Front Type: conventional only
- Differential Rear Type: conventional only
- Axle Oscillation: ±12°

**STEERING**
- Steering Configuration: articulated
- Steering Relief Pressure: 14,000 kPa

**BRAKES**
- Service Brake Type: caliper disc
- Service Brake Actuation: air over hydraulic
- Parking Brake Type: auto / manual pneumatic control
- Parking Brake Actuation: spring apply; hydraulic release

**HYDRAULIC SYSTEM**
- Main Pump Type: gear
- Main Relief Pressure: 16 Mpa
- Raise: 5.5 sec
- Fastest Total Cycle Time: 10.5 sec

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**LOADER ARM PERFORMANCE**
- Tipping Load: 7,600 kg
- Full Turn Tipping Load: 6,600 kg
- Bucket Breakout Force: 93.5 kN
- Maximum Dump Angle at Full Height: 45°
- Dump Clearance at Full Height Discharge: 2,911 mm
- Dump Reach at Full Height Discharge: 1,080 mm
- Maximum Hinge Pin Height: 3,721 mm
- Maximum Digging Depth, Bucket Level: 35 mm
- Bucket Rollback at Ground Level: 40°
- Bucket Rollback at Carry: 45°
- Bucket Rollback at Maximum Height: 60°

**BUCKET PERFORMANCE**
- Reference Bucket: 1.7 m³

**DIMENSIONS**
- Length with Bucket Down: 6,760 mm
- Width Over Tires: 2,300 mm
- Wheelbase: 2,870 mm
- Wheel Tread: 1,850 mm
- Ground Clearance: 312 mm
- Turn Angle, Either Side: 40°
- Rear Angle of Departure: 30°
- Turning Radius, Outside of Tire: 5,140 mm
- Turning Radius, Center of Tire: 4,918 mm
- Turning Radius, Bucket Carry: 5,676 mm

**TIRES**
- Tire Size: 17.5 - 25

**OPERATING WEIGHTS**
- Operating Weight: 10,900 kg

**SERVICE CAPACITIES**
- Fuel Tank: 150 L
- Engine Oil: 17.5 L
- Cooling System: 45 L
- Hydraulic Reservoir: 150 L
- Transmission and Torque Converter: 45 L
- Axles, each: 15 L