



Engine	Yuchai YCA05K150-M300
Rated Power	110 kW (148 hp / 150 ps) @ 2,000 rpm
Operating Weight	10,800 kg
Standard Bucket Size	2.0 m ³
Standard Breakout Force	102 kN
Standard Dump Clearance	2,918 mm

835T WHEEL LOADER

835T SPECIFICATIONS >>>

ENGINE

Emission Regulation	Tier 3 / Stage III
Manufacturer	Yuchai
Model	YCA05K150-M300
Rated Power	110 kW (148 hp / 150 ps) @ 2,000 rpm
Peak Torque	700 N·m @ 1,300-1,500 rpm
Displacement	5.0 L
Number of Cylinders	4
Aspiration	Turbocharged & Air-to-air intercooled

TRANSMISSION

Transmission Type	Planetary, power shift
Torque Converter	Double stage, four elements
Maximum Travel Speed, fwd	40 km/h
Maximum Travel Speed, rev	17.7 km/h
Number of Speed, fwd	2
Number of Speed, rev	1

AXLES

Differential Front Type	Conventional
Differential Rear Type	Conventional
Axle Oscillation	±10°

STEERING

Steering Hydraulic System	Load sensing steering
Steering Relief Pressure	17.2 MPa

BRAKES

Service Brake Type	Caliper disc brake
Service Brake Actuation	Air over hydraulic
Parking Brake Type	Drum
Parking Brake Actuation	Mechanical

HYDRAULIC SYSTEM

Main Pump Type	Gear
Main Relief Pressure	25 MPa
Raise	4.7 s
Dump Time	1.4 s
Float Down Time	3.0 s
Hydraulic Cycle Time	9.1 s

LOADER ARM PERFORMANCE WITH STANDARD BUCKET 2.0 m³

Tipping Load - Straight (ISO 14397-1:2007)	7,900 kg
Tipping Load - Full Turn (ISO 14397-1:2007)	7,100 kg
Bucket Breakout Force	102 kN
A Maximum Hinge Pin Height	3,801 mm
B Dump Clearance at Full Height Discharge	2,918 mm
C Dump Reach at Full Height Discharge	1,109 mm
D Maximum Digging Depth, Bucket Level	50 mm
S ₁ Rollback at Ground Level	42 °
S ₂ Bucket Rollback at Carry	48 °
S ₃ Bucket Rollback at Maximum Height	55 °
S ₄ Maximum Dump Angle at Full Height	45 °

BUCKET PERFORMANCE

Reference Bucket	1.8-3.2 m ³
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DIMENSIONS

E Ground Clearance	344 mm
G Wheelbase	2,870 mm
H Cab Height	3,270 mm
J Wheel Tread	1,850 mm
K Width over Tires	2,295 mm
L Length with Bucket Down	7,175 mm
M Turn Angle, Either Side	40 °
P Rear Angle of Departure	28 °
R ₁ Turning Radius, Bucket Carry	5,660 mm
R ₂ Turning Radius, Outside of Tire	5,113 mm
W Width over Bucket	2,500 mm

TIRES

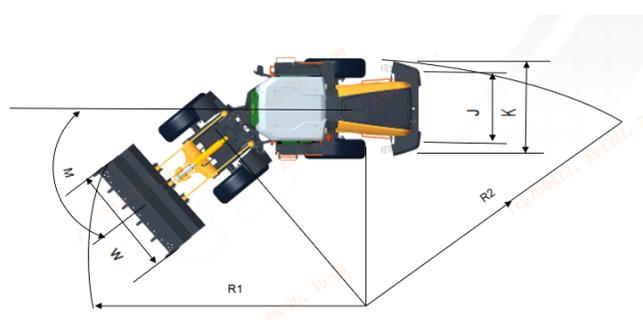
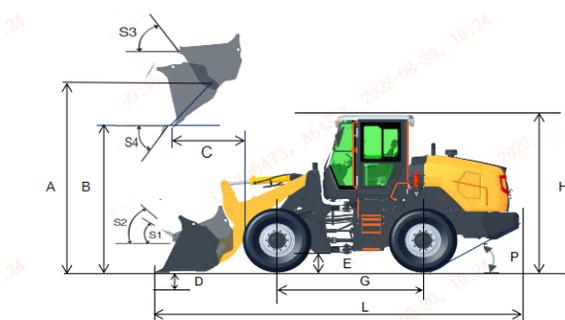
Tire Size	17.5-25PR12
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OPERATING WEIGHTS

Operating Weight	10,800 kg
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SERVICE CAPACITY

Fuel Tank	190 L
Engine Oil	15 L
Cooling System	35 L
Hydraulic System	105 L
Transmission and Torque Converter	42 L
Axles, Front/Rear	22 L / 22 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. Engine power kW is converted to horsepower (1 kW=1.3596 ps and 1 kW=1.3410 hp) in this file.

05/2025 Designed by LiuGong
 Replace the previous versions of 08/2023