



Max. Gross Machine Weight

91,000 kg

Net Machine Weight

31,000 kg

Payload

60,000 kg

Engine

YC6K480

Rated Power 353 kW (473 hp / 480 ps) @ 1,900 rpm

Struck Capacity

32 m³

Heaped Capacity (SAE 2:1)

38 m³

DW90A MINING TRUCK

TOUGH WORLD. TOUGH EQUIPMENT.

DW90A SPECIFICATIONS >>>

ENGINE

Emission Regulation	Tier 3 / Stage III
Manufacturer	Yuchai
Model	YC6K480-GT30
Rated Power	353 kW (473 hp / 480 ps) @ 1,900 rpm
Peak Torque	2,100 N·m @ 1,100 -1,500 rpm
Displacement	12.15 L
Diameter x Stroke	129×155
Number of Cylinders	6

TRANSMISSION

Model	7DS220A
Max. Speed	36 km/h

AXLE

Front Axle Rated Load	20,000 kg
Rear Axle Rated Load	35,000*2 kg
Suspension Form	Leaf Spring
Max. Traction Force	315 kN
Max. Gradeability	≥35%

BRAKING

Service Brake	Double Loop
Auxiliary Brake	Engine In-cylinder Brake
Service Braking Gradeability (load)	>25%
Park Braking Gradeability (load)	>15%
Pressure	10 bar
Air Tank Capacity	210 L

STEERING

Steering System	Full Hydraulic Steering
System Pressure	16 MPa
Turn Radius	≤11,000 mm

HOIST SYSTEM

Raise Time	≤21 s
Lower Time	≤21 s
System Pressure	22 MPa

CARRIER

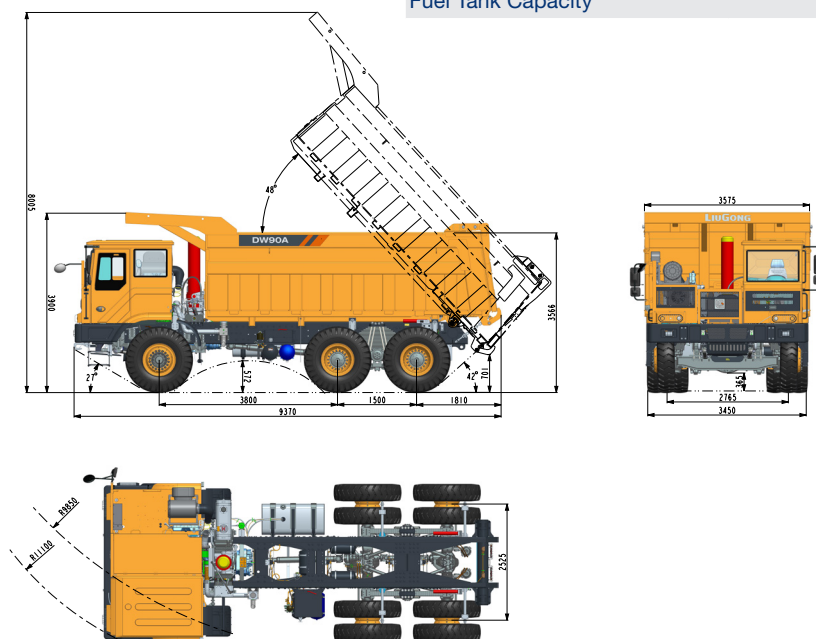
Carriage Size	5,820 mm*3,140 mm*1,790 mm
Rotate Angle	48°
Struck Capacity	32 m ³
Heaped Capacity	38 m ³

TIRE AND RIM

Drive Type	6x4
Tire Size	14.00R25
Rim	10.0/2.0-25

DIMENSIONS

Overall Length	9,370 mm
Overall Width	3,575 mm
Overall Height	3,970 mm
Loading Height	3,870 mm
Wheel Base	3,800 mm+1,500 mm
Min. Ground clearance	380 mm
Fuel Tank Capacity	600 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.

06/2025 Designed by LiuGong