



Max. Gross Machine Weight

Net Machine Weight

Payload

Engine

Rated Power 382kW (512 hp / 519 ps) @ 1,900 rpm

Struck Capacity

Heaped Capacity (SAE 2:1)

91,000 kg

31,000 kg

60,000 kg

YC6K520

30 m³

36 m³

DW90A MINING TRUCK

TOUGH WORLD. TOUGH EQUIPMENT.

DW90A SPECIFICATIONS >>>

ENGINE

Emission Regulation	Tier 3 / Stage III
Manufacturer	Yuchai
Model	YC6K520
Rated Power	382 kW (512 hp / 519 ps) @ 1,900 rpm
Peak Torque	2,400 N·m / 1,100-1,500 rpm
Displacement	12.939 L
Number of Cylinders	6

TRANSMISSION

Model	Allison 4800RS
Max. Speed	37 km/h
Retarder Model	Hydraulic Retarder

AXLE

Front Axle Rated Load	20,000 kg
Rear Axle Rated Load	35,000*2 kg
Suspension Form	Leaf Spring
Max. Traction Force	320 kN
Max. Gradeability	≥32%

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

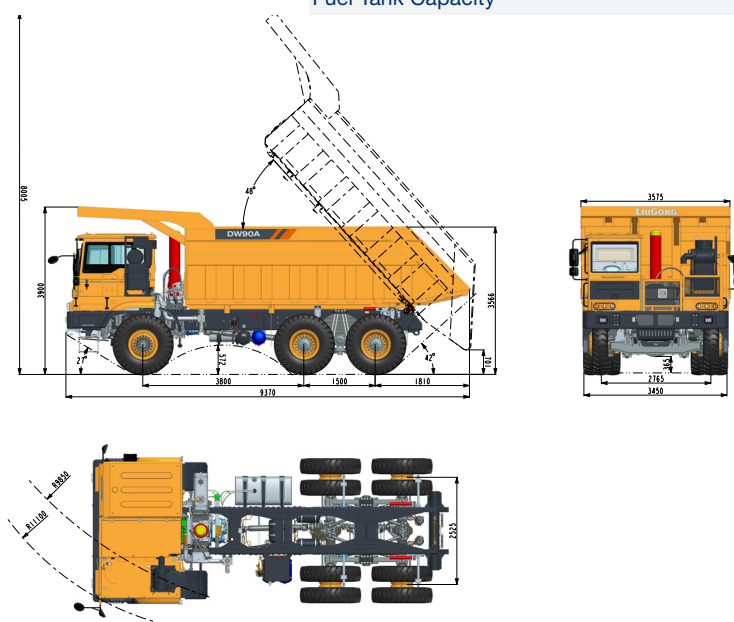
Carriage Size	6,370 mm*3,140 mm*1,680 mm
Rotate Angle	48°
Struck Capacity	30 m ³
Heaped Capacity	36 m ³

TIRE AND RIM

Drive Type	6x4
Tire Size	1400RS 25 36PR NHS
Rim	10.0/2.0-25

DIMENSIONS

Overall Length	9,370 mm
Overall Width	3,575 mm
Overall Height	3,900 mm
Loading Height	3,870 mm
Wheel Base	3,800 mm+1,550 mm
Wheel Tread	2,765 mm + 2,525 mm
Min. Ground clearance	365 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.

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