



Max. Gross Machine Weight	90,000 kg
Net Machine Weight	31,000 kg
Payload	59,000 kg
Engine	YC6K520
Rated Power	382 kW (512 hp / 519 ps) @ 1,900 rpm
Struck Capacity	32 m ³
Heaped Capacity (SAE 2:1)	38 m ³

DW90A MINING TRUCK

DW90A SPECIFICATIONS >>>

ENGINE

Emission Regulation	Tier 3 / Stage III
Maker	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	4800ORS_PR
Max. Speed	≤45 km/h
Retarder Model	Hydraulic Retarder

AXLE

Front Axle Rated Load	20000 kg
Rear Axle Rated Load	35000*2 kg
Suspension Type	Longitudinal Leaf Spring
Total Speed Ratio	18.385
Max. Gradeability	≥ 30%

STEERING

Steering System	Full Hydraulic Steering
System Pressure	16MPa
Turning Radius (Front)	≤11,000 mm

BRAKING

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

HOIST

Body Lifting Time	≤20 s
Body Drop Time	≤22 s
System Pressure	22MPa

CARRIER

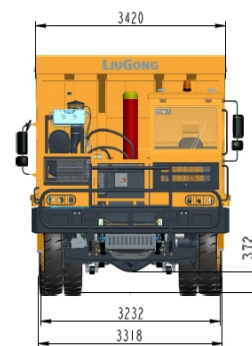
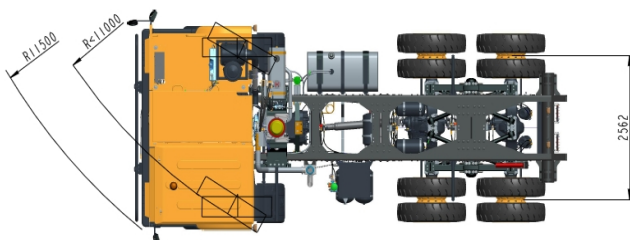
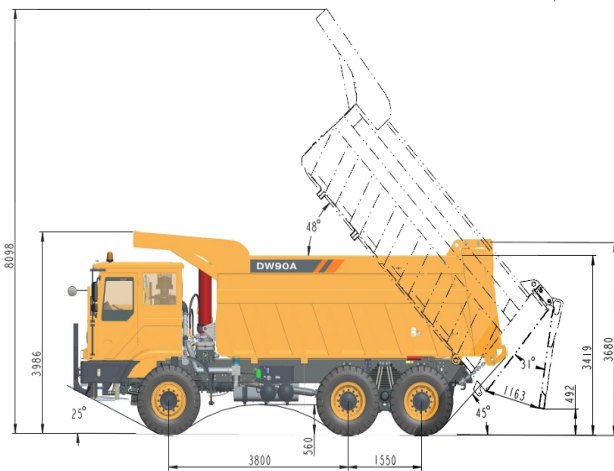
Carriage Size	5,800 mm*3,200 mm*1,750 mm
Rotate Angle	46°
Struck Capacity	32 m ³
Heaped Capacity	38 m ³

TIRE AND RIM

Drive Type	6x4
Tire Size	14.00R25 36PR NHS
Rim	10.0/2.0-25

DIMENSIONS

Overall Length	9,170 mm
Overall Width	3,450 mm
Overall Height	3,986 mm
Loading Height	3,470 mm
Fuel Tank Capacity	600 L
Wheel Base	3,800 mm+1,550 mm
Wheel Tread	2,792 mm+2,562 mm
Min. Ground clearance	372 mm



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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.

07/2021 Designed by Liugong
Replace the previous versions of 08/2020