



Max. Gross Machine Weight

Net Machine Weight

Payload

Engine

Rated Power

Struck Capacity

Heaped Capacity (SAE 2:1)

105,000 kg

36,000 kg

70,000 kg

YC6K520

382 kW (512 hp / 520 ps) @ 1,900 rpm

36 m³

43 m³

DW105A MINING TRUCK

TOUGH WORLD. TOUGH EQUIPMENT.

DW105A SPECIFICATIONS >>>

ENGINE

Emission Regulation	Tier 3 / Stage III
Manufacturer	Yuchai
Model	YC6K520-GT30
Rated Power	382 kW (512 hp / 520 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	FAST 8DS240A
Max. Speed	37 km/h
Retarder Model	Hydraulic Retarder

AXLE

Front Axle Rated Load	25,000 kg
Rear Axle Rated Load	40,000 x 2 kg
Suspension Form	Hydro-pneumatic Suspension
Total Reduction Ratio	16.641
Max. Gradeability	≥35%

BRAKING

Service Brake	Double Loop
Auxiliary Brake	Engine In-cylinder Brake
Service Braking Gradeability (load)	>20%
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	≤12,000 mm

HOIST SYSTEM

Raise Time	≤ 25 s
Lower Time	≤ 25 s
System Pressure	20 MPa

BODY

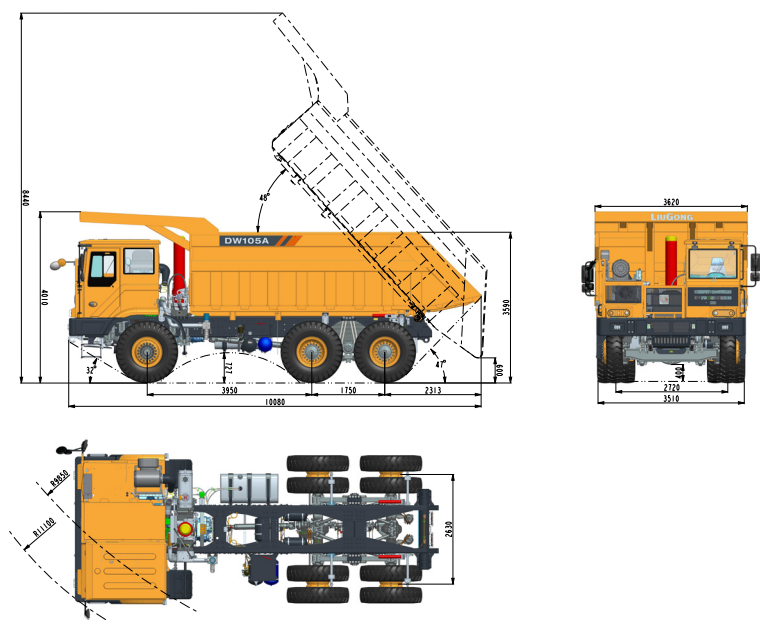
Body Size	6,876 mmx3,440 mmx1,750 mm
Rotate Angle	48°
Struck Capacity	36 m ³
Heaped Capacity	43 m ³

TIRE AND RIM

Drive Type	6x4
Tire Size	16.00R25
Rim	11.25/2.0-25

DIMENSIONS

Overall Length	10,080 mm
Overall Width	3,620 mm
Overall Height	4,010 mm
Loading Height	3,590 mm
Wheel Base	3,950 mm + 1,750 mm
Wheel Tread	2,720 mm + 2,630 mm
Min. Ground clearance	400 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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