



**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 m<sup>3</sup>  
43 m<sup>3</sup>

# DW105A MINING TRUCK

# 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	Allison 4800_OR3
Max. Speed	37 km/h
Retarder Model	Hydraulic Retarder

## AXLE

Front Axle Rated Load	25,000 kg
Rear Axle Rated Load	40,000x2 kg
Suspension Form	Hydro-pneumatic Suspension
Total Reduction Ratio	21.398
Max. Gradeability	≥29.56%

## 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

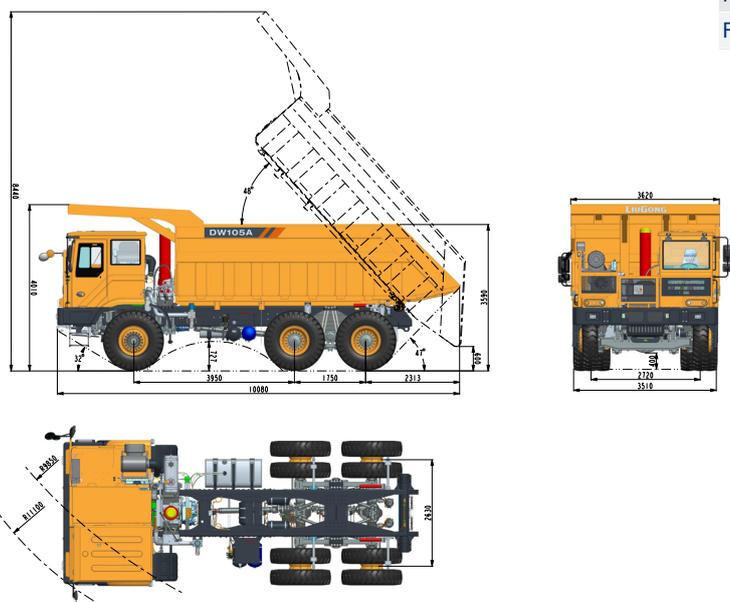
Body Size	6,876 mmx3,440 mmx1,750 mm
Rotate Angle	48°
Struck Capacity	36 m <sup>3</sup>
Heaped Capacity	43 m <sup>3</sup>

## 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.

10/2024 Designed by LiuGong