



DW105A MINING TRUCK

COMPREHENSIVE MINING SOLUTIONS



TOUGH WORLD. TOUGH EQUIPMENT.

SPECIFICATIONS

ENGINE

Emission Regulation	Tier 3 / Stage III
Maker	Yuchai
Model	YC6K520-GT30
Rated Power	412 kW @ 1,900 rpm
Peak Torque	2,500 N·m @ 1,100 -1,500 rpm
Displacement	12.94 L
Number of Cylinders	6

TRANSMISSION

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

AXLE

Front axle rated axle load	25,000 kg
Rear Axle rated load	2 x 40,000 kg
Suspension type	Hydro-pneumatic suspension/BF
Total speed ratio	21.4
Max. Gradiability	>30%

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	>15%

STEERING

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

HOIST

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

CARRIER

Carriage Size	7,031mm x 3,400mm x 1,710mm
Rotate Angle	48°
Struck Capacity	38 m ³
Heaped Capacity	44m ³

TIRE AND RIM

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

DIMENSIONS

Overall Length	10,082 mm
Overall Width	3,616 mm
Overall Height	3,991 mm
Loading Height	3,512 mm
Fuel Tank Capacity	600 L
Wheel Base	3,950 mm+1,750 mm
Wheel Tread	2,687 mm+2,634 mm
Min. Ground clearance	344 mm

Mera LiuGong Mera Vishwas
1800 1033 852

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LIUGONG

Corporate Office:
101, Okhla Phase III, New Delhi- 110020, Tel: 011-47272200
india@liugong.com

Manufacturing Plant:
Plot No. 163, Industrial Area, Sector-III, Pithampur
Dist.- Dhar, Madhya Pradesh- 454774, Tel: 07292-416700

www.liugongindia.com

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