

Max. Gross Machine Weight	85,000 kg
Net Machine Weight	31,000 kg
Payload	54,000 kg
Engine	WP12G460
Rated Power	338 kW (460 hp) @ 2,100 rpm
Heaped Capacity (SAE 2:1)	36 m ³

DW90A

MINING TRUCK



TOUGH WORLD. TOUGH EQUIPMENT.

DW90A SPECIFICATIONS >>>

ENGINE

Emission Regulation	Tier 3 / Stage III
Manufacturer	Weichai
Model	WP12G460
Rated Power	338 kW (460 hp) @ 2,100 rpm
Peak Torque	2,000 N·m @ 1,200 -1,600 rpm
Displacement	11.6 L
Diameter x Stroke	126 x 155
Number of Cylinders	6

TRANSMISSION

Model	Auto FC6A210
Max. Speed	≤44 km/h
Retarder Model	Hydraulic Retarder

AXLE

Front Axle Rated Load	20000 kg
Rear Axle Rated Load	35000*2 kg
Suspension Type	Leaf Spring
Max. Traction Force	380 kN
Max. Gradeability	≥35%

BRAKING

Service Brake	Double loop shoe type gas brake
Auxiliary Brake	Engine In-cylinder Brake
Pressure	10 bar
Service Braking Gradeability (load)	>25%
Park Braking Gradeability (load)	>15%
Air Tank Capacity	210 L

STEERING

Steering System	Full Hydraulic Steering
System Pressure	16 MPa
Turn Radius	≤11000 mm

HOIST

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

CARRIER

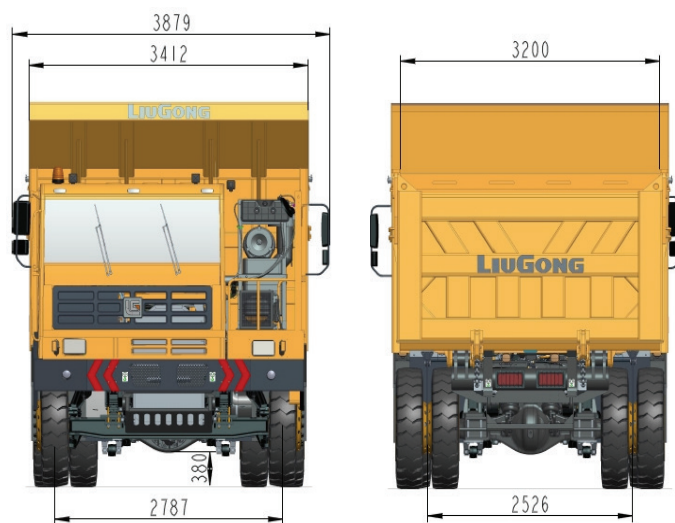
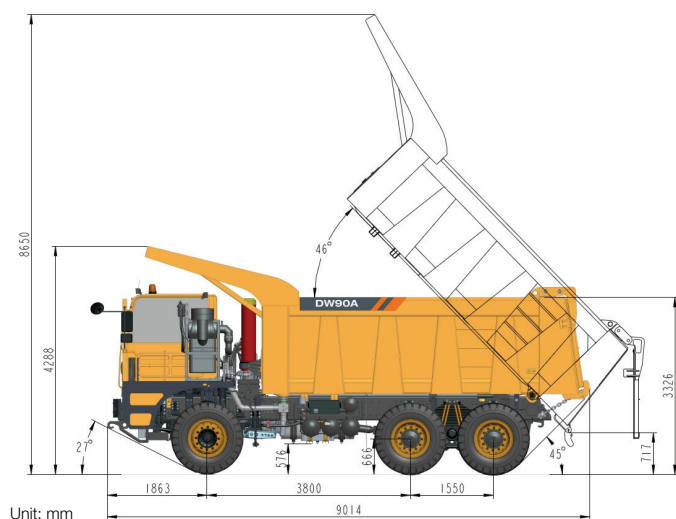
Carriage Size	5,800 mm*3,200 mm*1,650 mm
Rotate Angle	46°
Struck Capacity	30 m³
Heaped Capacity (SAE 2:1)	36 m³

TIRE AND RIM

Drive Type	6x4
Tire Size	14.00R25 28PR NHS
Rim	10.0/2.0-25

DIMENSIONS

Overall Length	9,075 mm
Overall Width	3,450 mm
Overall Height	4,370 mm
Loading Height	3,370 mm
Fuel Tank Capacity	600 L
Wheel Base	3,800 mm+1,550 mm
Min. Ground clearance	380 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.