



<b>Max. Gross Machine Weight</b>	90,000 kg
<b>Net Machine Weight</b>	31,000 kg
<b>Payload</b>	59,000 kg
<b>Engine</b>	WP12G460
<b>Rated Power</b>	338 kW (453 hp / 460 ps) @ 2,100 rpm
<b>Struck Capacity</b>	32 m <sup>3</sup>
<b>Heaped Capacity (SAE 2:1)</b>	38 m <sup>3</sup>

# DW90A MINING TRUCK

# DW90A SPECIFICATIONS >>>

ENGINE	
Emission Regulation	Tier 3 / Stage III
Maker	Weichai
Model	WP12G460
Rated Power	338 kW (453 hp / 460 ps) @ 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	8DS240A
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	Leaf Spring
Total Speed Ratio	16.09
Max. Traction Force	335 kN
Max. Gradeability	≥35%

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%

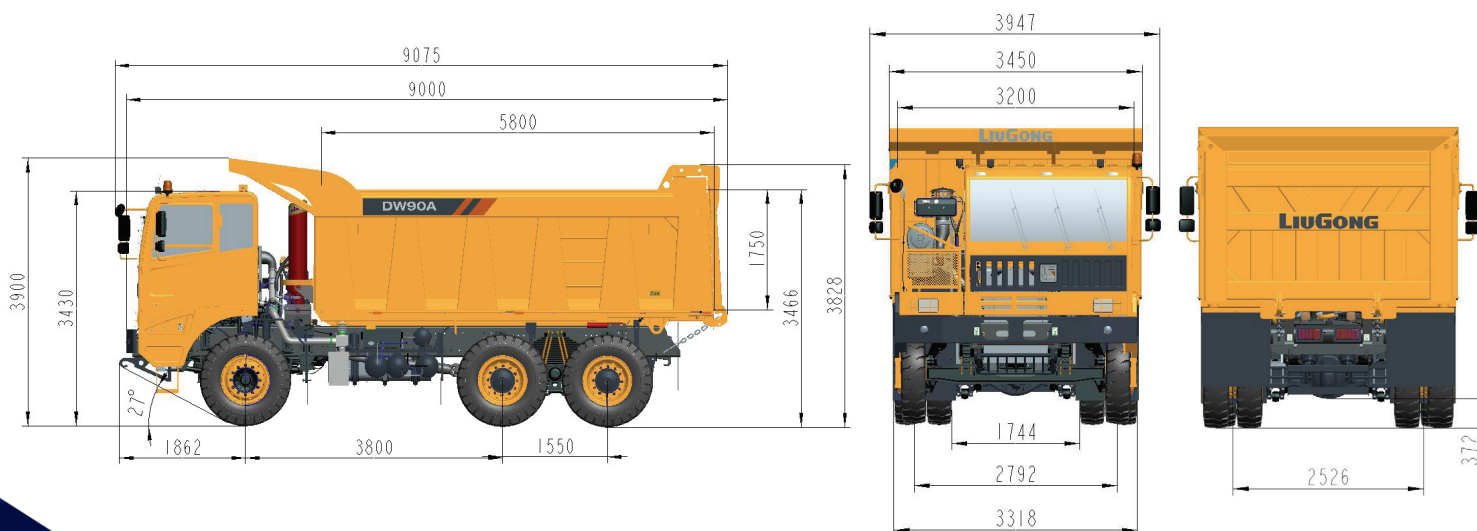
STEERING	
Steering System	Full Hydraulic Steering
System Pressure	16MPa
Turning Radius (Front)	≤11,000 mm

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

CARRIER	
Carriage Size	5,800 mm*3,200 mm*1,750 mm
Rotate Angle	48°
Struck Capacity	32 m <sup>3</sup>
Heaped Capacity	38 m <sup>3</sup>

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	3,970 mm
Loading Height	3,470 mm
Fuel Tank Capacity	600L
Wheel Base	3,800 mm+1,550 mm
Min. Ground clearance	380 mm



## Contact us:

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08/2020 Designed by LiuGong  
Replace the previous versions of 02/2020

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.