



<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>	Cummins QSM11
<b>Rated Power</b>	306 kW (410 hp / 416 ps) @ 2,100 rpm
<b>Struck Capacity</b>	30 m <sup>3</sup>
<b>Heaped Capacity (SAE 2:1)</b>	36 m <sup>3</sup>

# DW90A MINING TRUCK

# DW90A SPECIFICATIONS >>>

ENGINE	
Emission Regulation	Tier 3 / Stage III
Maker	Cummins
Model	QSM11
Rated Power	306 kW (416 hp) @ 1,900 rpm
Peak Torque	1,898 N·m @ 1,100 -1,400 rpm
Displacement	10.8 L
Diameter x Stroke	125×147
Number of Cylinders	6

TRANSMISSION	
Model	7DS220
Max. Speed	40 km/h
Retarder Model (Optional)	Hydraulic Retarder

AXLE	
Front Axle Rated Load	20,000 kg
Rear Axle Rated Load	35,000*2 kg
Suspension Form	Leaf Spring
Max. Traction Force	420kN
Max. Gradeability	≥40%

BRAKING	
Service Brake	Double Loop Shoe Type Gas Brake
Auxiliary Brake	Engine In-cylinder Brake
Service Braking Gradeability (load)	>25%
Park Braking Gradeability (load)	>15%
Pressure	10 bar
Air Tank Capacity	210 L

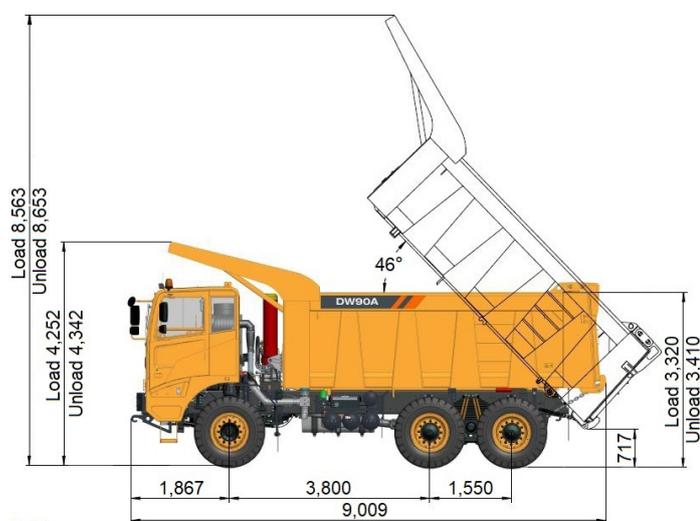
STEERING	
Steering System	Full Hydraulic Steering
System Pressure	16 MPa
Turn Radius	≤11,000 mm

HOIST	
Body Lifting Time	≤33 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 m <sup>3</sup>
Heaped Capacity	36 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	9,009 mm
Overall Width	3,450 mm
Overall Height	4,342 mm
Loading Height	4,252 mm
Wheel Base	3,800 mm+1,550 mm
Min. Ground clearance	372 mm
Fuel Tank Capacity	600 L



Unit: 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. 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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Replace the previous versions of 02/2020