

LOVOL

DUMP MINING TRUCK

MAKE WORLD BETTER

WE AIM AT CUSTOMERS' SATISFACTION



LOVOL

LOVOL HEAVY INDUSTRY GROUP CO.,LTD.

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Curb weight (kg):35500

Max. gradeability (%):30

Power (kW):338

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PRODUCT SELLING POINTS

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| <p>Solid and steady</p> <ul style="list-style-type: none"> ● Super power - 338kW ● Super strong frame -1200mm, three-layer longitudinal beam plate frame, strong load-bearing capacity ● Stable driving - single-girder frame, low center of gravity ● More adaptations - special mining tires, the strongest cargo box | <p>Flexible and efficient</p> <ul style="list-style-type: none"> ● Better matching - 12L gold power chain assembly :Weichai Engine;Fast Gearbox ;Hande Axle ● Larger cargo box -standard 34m³ ● Lower fuel consumption -lower fuel consumption than competing products |
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PRODUCT HIGHLIGHTS

- Solid, cost-effective - LT95 mine truck**
- **Weichai Gold Powertrain:** WP12G460E310 engine + monolithic clutch + Fast 8DS240A gearbox + 35T high-load drive axle, mature and advanced power system, economical and fuel-efficient.
 - **The strongest flexible frame structure:** three-layer high beam structure, frame 1200 × 450 × 130 (12 + 12 + 8), high bending and torsion resistance, wide frame width, more stable driving.
 - **Original front suspension :** front and rear double skateboard + thrust rod structure, higher reliability and durability, long service life, and better comfort.
 - **Subversive rear suspension :** The overall maintenance-free balance shaft with safety bar + thrust bar with bolt structure completely solves the problem of shaft head maintenance and thrust bar bolt fracture.
 - **Large volume :** container volume of 34m³, high transportation efficiency.
 - **Driving comfort :** the new semi-suspended cab, noise reduction, sound insulation, damping and shock absorption effect is very good, the space utilization rate is 30% higher than that of competitive products, the appearance is unique and novel, and the driving is more comfortable.
 - **Horizontal full hydraulic steering system, good reliability, double steering more portable, better feel.**
 - **The new high-power mechanical air conditioning:** cooling power 4800w, after the high temperature test in Hami, Xinjiang, better reliability.
 - **High modularity of electrical appliances and braking system, wide range of lighting and wide field of vision.**
 - **Germany VOSS brake system + military aviation connector electrical system, vehicle safety is better.**



VEHICLE PARAMETER	LT95	LT95A
Gross vehicle weight (kg)	95000	
Curb weight (kg)	35500	
Payload mass (kg)	65000	
Overall dimensions (L×W×H) (mm)	9350×3810×4180	
Wheelbase (mm)	3885+1780	
Tread (mm)	2610(Front 2734)	2614(front 2734)
Max. vehicle speed (km/h)	38	40
Max. gradeability (%)	30	30
Min. turning diameter (m)	23.5/24	24
Min. ground clearance (mm)	390	
AXLE LOAD	LT95	LT95A
Laden (t)	25/35/35	
ENGINE	LT95	LT95A
Model	WP12G460E310(Stage3)	WP13G530E310(Stage3)
Power (kW)	338	380
Speed (r/min)	2100	
Torque (N*m)/speed (rpm)	2000/(1200-1600)	2300/(1200-1600)
CLUTCH	LT95	LT95A
Model	430 Single-chip pull, hydro-pneumatic booster	
TRANSMISSION	LT95	LT95A
Model	8DS240A	FC6A250
Gear position	8.15、6.01、4.11、3.05、2.12、1.45、1、0.83、R7.57	F: 4.40、2.33、1.53、1.00、0.72、0.61 R: 3.97
Max. input torque (N.m)	2400	
DRIVE AXLE	LT95	LT95A
Type	Central, hub planetary two-stage reduction with inter-axle differential lock	
Overall gear ratio	18.385	
Rated axle load (kg)	35000	
Brake type	Cam drum brake	
FRONT AXLE	LT95	LT95A
Rated axle load (kg)	25000	
Brake type	Cam Drum Brake	
AIR FILTER ASSEMBLY	LT95	LT95A
Model	Multi-stage dust air filter	
WHEEL	LT95	LT95A
Tyre Size	16.00R25 ★★ ★	
Rim Size	11.25-25	

RADIATOR	LT95	LT95A
Structure	Plate-fin Radiator	
FUEL SYSTEM	LT95	LT95A
Volume (L)	600L	
STEERING SYSTEM	LT95	LT95A
Booster type	Full Hydraulic Steering	
System pressure(Mpa)	17	
Flow(L/min)	40	
BRAKING SYSTEM	LT95	LT95A
Service brake	Double Circuit Drum Air Brake	
Parking brake	Spring energy-storage air-break braking with emergency braking	
Auxiliary brake	Engine exhaust braking+WEVB	
System pressure (bar)	10	
Parking slope (%)	30 (uphill)/20 (downhill)	
SUSPENSION	LT95	LT95A
Front suspension	Longitudinal leaf spring	
Thickness / width / number of leaf springs	20/100/15	
Rear suspension	Leaf spring balance suspension	
Thickness / width / number of leaf springs	32/100/15	
DUMPING LIFT MECHANISM	LT95	LT95A
Type	Front lift-196	
Rated pressure (mpa)	20	
Max. dumping angle (°)	46	
DRIVER'S CABIN	LT95	LT95A
Type	Left hand drive, semi-floating, forward 46°	
Shock-absorbing seat	Upward/downward, forward/rearward adjustable, backrest angle adjustable	
FRAME	LT95	LT95A
Type	High-strength steel flexible frame (1200×450×130(12+12+8))	
ELECTRICAL SYSTEM	LT95	LT95A
Power supply	24V single wire system, negative earth	
Starting method	Key switch	
CARGO COMPARTMENT	LT95	LT95A
L×W×H(mm)	6200×3500×1600	
Carriage box volume capacity (m3) (Flat carriage)	34	
Plate thicknes	D16H10(NM400)- B10(T700) D:Bottom plate thickness H:Back door thickness B:Front plate and side plate thickness	