

LT130 | SOLID AND RELIABLE FLEXIBLE UNIVERSITIES

Gross vehicle weight (kg):130000
Overall dimensions (L×W×H) (mm):10215×4050×4560
Curb weight (kg):46350



LT130

DUMP MINING
TRUCK

SPECIFICATIONS

VEHICLE PARAMETER	
Gross vehicle weight (kg)	130000
Curb weight (kg)	46350
Payload mass (kg)	90000
Overall dimensions (L×W×H) (mm)	10215×4050×4560
Wheelbase (mm)	4300+1840
Tread (mm)	3100/2850/2850
Max. vehicle speed (km/h)	38
Max. gradeability (%)	30
Min. turning diameter (m)	26
Min. ground clearance (mm)	400
AXLE LOAD	
Laden (t)	30/50/50
ENGINE	
Model	WP15HG770E304 (Stage 3)
Power (kW)	566
Speed (r/min)	1900
Torque (N·m)/speed (rpm)	2900/(1200-1600)
CLUTCH	
Model	single chip clutch
TRANSMISSION	
Model	8DS280-FHB400
Gear position	8.02, 5.66, 4.06, 2.93, 2.1, 1.45, 1, 0.82 R7.45
Max. input torque (N·m)	2800
DRIVE AXLE	
Type	Central, hub planetary two-stage reduction with inter-axle differential lock
Overall gear ratio	18.722
Rated axle load (kg)	50000
Brake type	Cam drum brake
FRONT AXLE	
Rated axle load (kg)	30000
Brake type	Cam Drum Brake
AIR FILTER ASSEMBLY	
Model	Multi-stage dust air filter
WHEEL	
Tyre Size	16.00R29 ★★★
Rim Size	11.5-29

RADIATOR	
Structure	Plate-fin Radiator
FUEL SYSTEM	
Volume (L)	850L fuel tank
STEERING SYSTEM	
Booster type	Full Hydraulic Steering
System pressure (Mpa)	17
Flow (L/min)	40
BRAKING SYSTEM	
Service brake	Double-circuit drum type air brake
Parking brake	Spring energy-storage air-break braking with emergency braking
Auxiliary brake	In-cylinder braking
System pressure (bar)	10
Parking slope (%)	30 (uphill)/20 (downhill)
SUSPENSION	
Front suspension	front rolled lugs and back slide plate+push rod structure
Thickness / width / number of leaf springs	20/100/15
Rear suspension	Leafspring balance suspension
Thickness / width / number of leaf springs	34/100/15
DUMPING LIFT MECHANISM	
Type	Front lift-214
Rated Pressure (Mpa)	20
Max. dumping angle (°)	46
DRIVER'S CABIN	
Type	Left hand drive, semi-floating
Shock-absorbing seat	Upward/downward, forward/rearward adjustable, backrest angle adjustable
FRAME	
Type	High-strength steel flexible frame (1300×450×130(12+12))
CARGO COMPARTMENT	
L×W×H (mm)	6800×3700×2050
Carriage box volume capacity (m3) (Flat carriage)	50 (U type)
late thickness	D16H14(NM400)、B12(T700)
ELECTRICAL SYSTEM	
Power supply	24V single wire system, negative earth
Starting method	Key switch