

LT160 | SOLID AND RELIABLE FLEXIBLE UNIVERSITIES

Gross vehicle weight (kg):160000
Overall dimensions (L×W×H) (mm):10450×4360×4550
Curb weight (kg):54600

LT160 DUMP MINING TRUCK

SPECIFICATIONS

VEHICLE PARAMETER	
Gross vehicle weight (kg)	160000
Curb weight (kg)	54600
Payload mass (kg)	110000
Overall dimensions (L×W×H) (mm)	10450×4360×4550
Wheelbase (mm)	4600+1900
Tread (mm)	3342/3080/3080
Max. vehicle speed (km/h)	38
Max. gradeability (%)	29
Min. turning diameter (m)	30
Min. ground clearance (mm)	410
AXLE LOAD	
Laden (t)	35/60/60
ENGINE	
Model	WP17G770E304(Stage 3)
Power (kW)	566
Speed (r/min)	1900
Torque (N*m)/speed (rpm)	3000/(1200-1600)
CLUTCH	
Model	Imported Double Disc Clutch
TRANSMISSION	
Model	8DSS330+FH400
Gear position	8.46、6.41、4.64、3.33、2.37、1.55、1、0.71 R8.02
Max. input torque (N.m)	3300
DRIVE AXLE	
Type	Central, hub planetary two-stage reduction with inter-axle differential lock
Overall gear ratio	21.398
Rated axle load (kg)	60000
Brake type	Cam drum brake
FRONT AXLE	
Rated axle load (kg)	35000
Brake type	Cam Drum Brake
AIR FILTER ASSEMBLY	
Model	Oil Bath Air Filter
WHEEL	
Tyre Size	480/95R29 ★★★
Rim Size	13.00-29

RADIATOR	
Structure	Plate-fin Radiator
FUEL SYSTEM	
Volume (L)	1000L aluminum 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	Engine exhaust braking+WVEB
System pressure (bar)	11
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	22/100/15
Rear suspension	Leafspring balance suspension
Thickness / width / number of leaf springs	36/120/15
DUMPING LIFT MECHANISM	
Type	Front lift-240
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 (1460×450×130)
CARGO COMPARTMENT	
L×W×H(mm)	7400×4000×1850
Carriage box volume capacity (m3) (Flat carriage)	55
late thickness	D16H14(NM400)、B14(Q355B)
ELECTRICAL SYSTEM	
Power supply	24V single wire system, negative earth
Starting method	Key switch