

# NT75

SOLID AND RELIABLE  
FLEXIBLE UNIVERSITIES

Gross vehicle weight (kg): 110000

Overall dimensions (L×W×H) (mm): 9335×3710×4180

Payload mass (kg): 75000



## NT75

MINING DUMP  
TRUCK

## SPECIFICATIONS

VEHICLE PARAMETER	
Gross vehicle weight (kg)	110000
Payload mass (kg)	75000
Overall dimensions (L×W×H) (mm)	9335×3710×4180
Wheelbase (mm)	3885+1780
Tread (mm)	2712/2630/2630/2630(front2712)
Max. vehicle speed (km/h)	43
Max. gradeability (%)	30
Min. turning diameter (m)	24
Min. ground clearance (mm)	400
AXLE LOAD	
Laden (t)	30/40/40
ENGINE	
Model	WP13G530E310
Power (kW)	390
Speed (r/min)	2100
Torque (N*m)/speed (rpm)	2300/(1200-1600)
TRANSMISSION	
Model	Allison 4800 ORS-PR
Gear position	F: 7.63、 3.51、 1.91、 1.43、 1、 0.74、 0.64 R: 4.8
Max. input torque (N.m)	2508
DRIVE AXLE	
Type	Central, hub planetary two-stage reduction with inter-axle differential lock
Overall gear ratio	21.398
Rated axle load (kg)	40000
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	16.00R25 ★★ ★
Rim Size	11.25-25
RADIATOR	
Structure	Plate-fin Radiator

FUEL SYSTEM	
Volume (L)	700L 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+WEVB
System pressure (bar)	10
Parking slope (%)	30 (uphill)/20 (downhill)
SUSPENSION	
Front suspension	Oil-gas suspension
Cylinder	180/150-190
Rear suspension	Leaf spring balance suspension (maintenance free type balance shaft)
Thickness / width / number of leaf springs	32/100/15
DUMPING LIFT MECHANISM	
Type	Front lift-196 cylinder
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 (1200×450×130(12+12+8))
CARGO COMPARTMENT	
L×W×H(mm)	6200×3500×1750
Carriage box volume capacity (m3) (Flat carriage)	38
late thickness	D16、 H10(NM400)、 Q10/C10(T700)
ELECTRICAL SYSTEM	
Power supply	24V single wire system, negative earth
Starting method	Key switch