

HYPER KINETIC ARTICULATED DUMP TRUCK HKADT450

Company Profile

- Since our inception in 1997, Shannxi Hyper Kinetic Heavy Industry Machinery Co., Ltd., is a leading comprehensive engineering machinery manufacturer, specializing in the production of bulldozer components, parts supply, and the assembly of complete machines. Located in Huayin City, Shaanxi Province, in the shadow of the majestic Mount Hua, our company boasts over two decades of expertise in crafting key components for bulldozers.
- Every Hyper Kinetic construction machinery product is backed by a team with decades of experience in research, development, manufacturing, and after-sales service. We take great pride in our craftsmanship, which enables us to manufacture top-notch construction machinery and offer outstanding after-sales services, including technical and spare parts support, to all our users. This is the reason behind our large number of satisfied customers who remain loyal to our brand. The company is equipped with state-of-the-art production facilities and a flawless management system. The high-quality products from Hyper Kinetic have gained global popularity and become international best-sellers.





Product Highlights



1. Engine

The industry - proven, high - performance CUMMINS QSZ14 engine is well-known for its reliability, dependability and fuel efficiency. It is the engine choice in the construction and mining equipment industry.



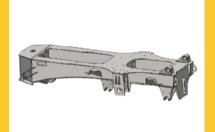
2. Allison Transmission

Allison's 4000 Series Is Built For Productivity And Reliability To Deliver Both Performance And Fuel Efficiency.



3. Meritor Axle

Wet brakes axle deliver industry leading braking performance, low operating costs and ultimate durability.



4. Main Frame

Strengthened chassis frame built to increase durability.



5. Cabin

Dump Truck cabins are shock and noise resistant to reduce operator fatigue. They also come equipped with an adjustable suspension seat, MP3 player and air-conditioning for prolonged working comfort.

HKADT450 ARTICULATED DUMP TRUCK

HKADT450 Victory Articulated Dump Truck



ERGONOMIC CABIN

Well organized instrument panel, adjustable steering wheel, suspension seat and high capacity all-climate air conditioner provide convenience and comfort to the operator. With effective sound insulation, the spacious ROPS / FOPS cab has low internal noise levels for high productivity.

CENTRAL LUBRICATION

SKF utomatic lubrication systems provide proper, precise lubricant replenishment to all required points, enabling a range of benefits in the proces.

CARGO BODY

The sloping body design further enhances stability and ensures fast and easy dumping in even the most demanding conditions. Clean dumping and increased productivity comes with our standard exhaust heating.

MERITOR AXLE

MERITOR heavy duty lubricated axles improves stability and provides equal weight distribution to accommodate all job applications.

HYPER KINETIC

WALK-AROUND

FRAME

Heavy-duty A-frame, rigid front and rear frames have been designed for severe off-road operations and durability.

MULTI-ANGLE ARTICULATED FRAME

The articulated joint in the VICTORY VADT450 is a robust structure connecting front and rear chassis. It allows 3-dimentional, power transmission at the same time, thus offering superb maneuverability on rough terrains.

SUSPENSION

Front hydro-pneumatic suspension and maintenance-free bogey rear suspension assures a comfortable ride even over rough terrain and ensures maximum productivity.

RADIAL TIRE

Special mining tires with longitudinal and transverse groove design provides excellent comfort, grip and performance.





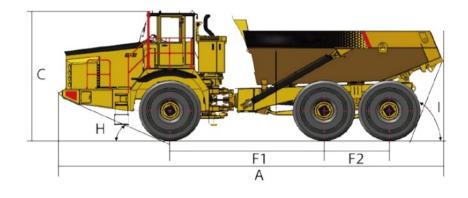
HKADT450 SPECIFICATIONS

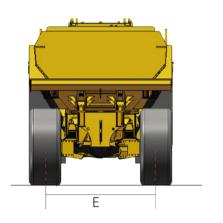
MAIN SPECIFICATIONS				
Kerb Mass	kg	34000		
Maximum Laden Mass	kg	41000		
GVM	kg	75000		
Axle Drive		6 x 6		
Overall Length	mm	11480		
OverallWidth	mm	3470		
Overall Height	mm	4000		
Main Frame	mm	Box section structure		
Maximum Speed	km/h	55		
Gradeability	%	45		
Working Pressure	MPa	23		
ENGINE				
Model		CUMMINS QSZ14		
Rated Power	hp	540		
Rated Speed	rpm	2000		
Emission Standard		Euro III		
Displacement	L	13.48		
TRANSMISSION				
Model		ALLISON 4800RS		
Gears		7 Forward, 1 Reverse		
Туре		Automatic		
DUMP BODY				
Bottom Plate Thickness	mm	16		
Front Plate Thickness	mm	12		
Side Plate Thickness	mm	12		
Capacity (Struck / Heaped)	m³	19.7 / 25.1		
Dumping Angle	0	70		
Shape		Dual-slope body		
DUMPING SYSTEM				
Dumping Cylinders		Two double acting hydraulic cylinders		

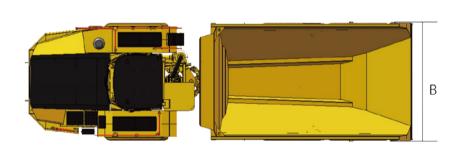
AXLE			
Make		MERITOR	
Axles		Heavy duty wet brake axles	
Final Drive		Planetary gears	
WEIGHT DISTRIBUTION			
Empty Payload			
Front Axle	kg	18700	
Rear & Mid Axle	kg	15300	
Heavy Payload			
Front Axle	kg	22500	
Rear & Mid Axle	kg	52500	
SUSPENSION			
Front Suspension		Hydropneumatic suspension cylinder	
Rear Suspension		A shape frame with balance beam, rubber spring shock absorption	
STEERING SYSTEM			
Steering Type		Full hydraulic articulated frame steering	
Emergency Steering		Full hydraulic manual contol	
Minimum Turning Radius	m	Outer 9.0, Inner 4.5	
BRAKE SYSTEM			
Service Brake		3 circuits hydraulic lubricated brake	
Parking Brake		Hydraulic controlled, disk brake	
Speed Retarder	Speed Retarder		
SERVICE REFILL CAPACITIES			
FuelTank	L	545	
Engine Oil	L	40	
Transmission Oil	L	54	
Differential & Final Drive Oil (Front, Middle, Rear)	L	Front Axle: 42 Mid Axle: 42 Rear Axle: 42	
Hydraulic Oil	L	300	
TIRE			
Tire Size (Front / Rear)		29.5R25	
Rims Size (Font / Rear)		25-25.00/3.5	

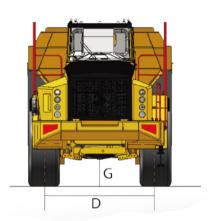


HKADT450 DIMENSION









NO.	DIMENSION		
Α	External Length	mm	11480
В	External Width	mm	3470
С	External Height	mm	4000
D	Front Track	mm	2700
Е	RearTrack	mm	2700
F1 + F2	Wheelbase	mm	4600 + 1950
G	Ground Clearance	mm	546
Н	Approach Angle	0	24
I	Departure Angle	o	68



SHAANXI HYPER KINETIC HEAVY INDUSTRY MACHINERY CO., LTD

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