



HYPER KINETIC HEAVY DUTY DUMP TRUCK HKDT72A

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HKDT72A HEAVY DUTY DUMP TRUCK

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Victory Heavy Duty Dump Truck



- SAFETY

Roll Over Protection System (ROPS) and Falling Object Protection System (FOPS).

- 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.

- 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.

- AXLE DRIVE

Our 6x6 heavy duty axles improve stability and provide equal weight distribution to accommodate all job applications.

- FRAME

Heavy-duty rigid frames have been designed for severe off-road operations and durability.

WALK-AROUND

- SUSPENSION

The front suspension adopts independent hydro-pneumatic suspension, which provides the driver with better stability and comfort. The rear suspension adopts leaf spring balance.

- TIRE

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

- DUMP BODY

The dump body is made of high tensile strength wear resistant steel. The U-shaped body increases load retention & maintains a low center of gravity.

- HOISTING

HYVA hoisting system deliver precise dumping control and faster cycle times.



HKDT72A SPECIFICATIONS

MAIN SPECIFICATIONS

Kerb Mass	kg	27000
Maximum Laden Mass	kg	45000
GVM	kg	72000
Axle Drive		6x6
Overall Length	mm	9350
Overall Width	mm	3485
Overall Height	mm	4350
Max. Height Of Lifting Cargo Body	mm	9245
Max. Angle Of Lifting Cargo Body	°	50
Gradeability	%	45
Maximum Speed	km/h	48
Working Pressure	MPa	23

ENGINE

Model	WEICHAH WP12G460E310	
Rated Power	hp	460
Rated Speed	rpm	2100
Emission Standard	Euro III	
Displacement	L	11.596

TRANSMISSION

Model	FC6A210PT	
Gears	6 Forward, 1 Reverse	
Type	Automatic	

DUMP BODY

Bottom Plate Thickness	mm	12
Rear Plate Thickness	mm	12
Front Plate Thickness	mm	8
Side Plate Thickness	mm	8
Loading Volume (Struck/Heaped)	m ³	26.6 / 31.0

DUMPING SYSTEM

Hydraulic Lifting System	HYVA	
Lifting Time For Cargo Body	sec	≤25
Falling Time For Cargo Body	sec	≤30

AXLE

Make	HANDE	
Axles	Double-stage reduction steering drive axle	

WEIGHT DISTRIBUTION

Empty Payload

Front Axle	kg	9500
Rear Axle	kg	17500
Total Weight (50% Fuel)	kg	27000

Heavy Payload

Front Axle	kg	18000
Rear Axle	kg	54000
Total Weight	kg	72000

SUSPENSION

Front Suspension	Independent hydro-pneumatic suspension,	
Rear Suspension	Leaf spring balance.	

STEERING SYSTEM

Steering Type	Front axle full hydraulic steering	
Turning Radius	mm	9500

BRAKE SYSTEM

Service Brake	Dual circuit air brake	
Parking Brake	Air shut-off spring brake	
Braking Distance	12m@30km/h	

SERVICE REFILL CAPACITIES

Fuel Tank	L	400
Engine Oil	L	25
Transmission Oil	L	43
Differential & Final Drive Oil (Front, Middle, Rear)	L	Front Axle: 20 Mid Axle: 24.6 Rear Axle: 22.1
Hydraulic Oil	L	180

TIRE

Tire Size (Front / Rear)	23.5R25 / 750/65R25	
Rims Size (Front / Rear)	19.5/2.5-25/ 24/3-25	

