



NEW
THINKING.
NEW
POSSIBILITIES.

HD 370S 18m³ DUMP



Built for construction, Ready to take on heavy loads and Designed for perfect business

Hyundai provides greater durability and superior performance with its newly reinforced heavy-duty trucks of responding to customer's needs. The advanced technology of its predecessor formed the basis for the continued development and realization of the extensive technical measures. The Hyundai Heavy Duty Truck features the completeness of the development and implementation of enhanced durability, outstanding performance and better convenience.

Outstanding Performance

The new HD370S dump truck is the right choice for customer's needs of larger loading capacity.

Extended wheel base

The new HD370S dump truck boasts a longer wheel base to provide better driving comfort as well as parts-mounting convenience, reflecting local customers' needs



Increased 1,060mm

Greater loading capacity

18m³



Enhanced Durability

To enhance durability and offer greater loading capacity, Hyundai reinforced the axle and suspension of HD 370S Dump truck

Powerful Hub Reduction Rear Axle

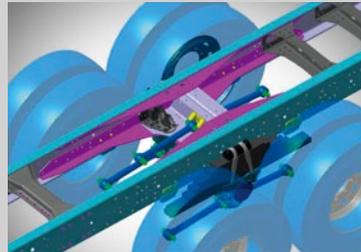
High capacity front/rear axle has a great load-bearing capacity. Hub reduction rear axle is fitted as standard with wheel lock system and makes it easier to drive in the rough road.



15ton Rear Axle

Durable Suspension & Frame

Strengthened frame durability guarantees sufficient loading capacity. And increased front/rear spring sheets enhance suspension durability.



24" Wheel & 12R24 Tire

24" radial tires offer longer service life, lower rolling resistance for better fuel economy, quieter performance and greater safety.



Powerful, Reliable and Cost-effective

With the Hyundai Heavy Duty Truck we have absolutely no doubt that you will be the owner of a vehicle that embodies both excellent performance and impressive cost-effectiveness. But most of all, any engine which you can choose is highly dependable and can be counted on for a long service life.

EURO III D6CB3H Engine



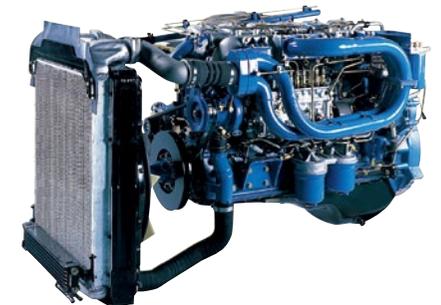
380ps / 1,900rpm

- Displacement : 12,300 cc (TCI)
- Max. Torque : 160 kg.m / 1,200 rpm
- Model : HD370S

EURO I/II D6AC Engine

340ps / 2,200rpm

- Displacement : 11,149 cc (TCI)
- Max. Torque : 140 kg.m / 1,400 rpm
- Model : HD370S



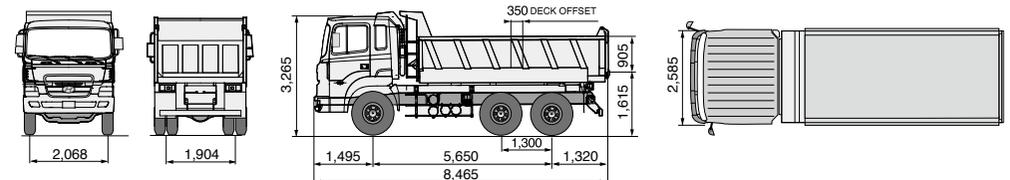
Specifications

ITEM	MODEL	HD370S		
Application Engines		D6AC	D6CB3H	
Dimensions (mm)				
Wheel Base		5,650		
Overall (C/Cab)	Length	8,465		
	Width	2,585		
	Height	3,265		
Wheel Tread	Front	2,068		
	Rear	1,904		
Overhang (C/cab)	Front	1,495		
	Rear	1,320		
Min. Ground Clearance		325		
Weight (kg)				
Empty Vehicle Weight		9,630	9,736	
	Front	4,480	4,586	
	Rear	5,150	5,150	
** Max Gross Vehicle Weight		38,000		
	Front	8,000		
	Rear	30,000		
** Max. GVW includes the front & rear axle loads based on the permissible tire load.				
Calculated Performance				
Max. Speed	km/h	113(dynos) / 98(zf)	111(dynos) / 96(zf)	
Max. Gradeability	tan θ	0.265/0.517(E1) 0.243/0.474(E2)	0.288 / 0.560	
Min. Turning Radius (m)		9.6		
Engine				
Model		D6AC	D6CB3H	
Type		Turbo Charger Intercooler 4 stroke-cycle, water-cooled, direct-injection diesel engine		
Number of Cylinder		6 in-line		
Piston Displacement (cc)		11,149	12,300	
Max. Power (ps/rpm)		340/2,200 (Euro 1), 340/2,200 (Euro 2)	380/1,900 (Euro 3)	
Max. Torque(kg.m/rpm)		140/1,400 (Euro 1), 140/1,200 (Euro 2)	160/1,200 (Euro 3)	
Electrical System	Battery	12V X 2, 150 AH at 20 Hr rates		
	Alternator	24V-60A	24V-80A	
	Starter	24V-5.5kW	24V-6.0kW	
Electrical System	Injection pump	DPICO in-line type(E1)	Delphi EUI system	
		Bosch in-line type(E2)		
	Governor	All speed type(RLD-J)		Electronic control
Transmission				
Model	M12S6 (E1), H160S6(E2)	ZF16S151	H160S6	ZF16S151
Type	6 forward and 1 reverse speed, 2nd to 6th synchronesh, 1st & reverse constant-mesh gears	16 forward and 2 reverse speed, 1nd to 16th synchronesh, 1st & reverse constant-mesh gears	6 forward and 1 reverse speed, 2nd to 6th synchronesh, 1st & reverse constant-mesh gears	16 forward and 2 reverse speed, 1nd to 16th synchronesh, 1st & reverse constant-mesh gears
Front Axle				
Type		Reverse Elliot type "I" beam		
Capacity (kg)		8,000		

Rear Axle			
Model		THT20ST	
Type		Full floating type	
Capacity (kg)		15,000	
Wheel	Type	HUB reduction	
	G/Ratio	6.676	
Tire & Wheel			
Type		Single Front, Dual Rear	
Tire	Front / Rear	12.00R24-20PR	
Wheel	Front / Rear	8.5V x 24-158 / 8.5V x 24-180	
Brake			
Service brake	Actuation	Full Air, Dual circuit fixed S cam with spring loaded chambers	
	Size(mm)	Front	Drum diameter x Lining width x Lining thickness : Ø410 x 156 x 19
		Rear	Forward : Drum diameter x Lining width x Lining thickness : Ø410 x 220 x 19 Backward : Drum diameter x Lining width x Lining thickness : Ø410 x 220 x 19
	Total lining area	9,639cm ²	
Compressed air reservoir		120 ℓ	
Exhaust brake		Air operated, butterfly valve type	
Suspension			
Type	Front	Multi Leaf	
	Rear	Multi Leaf	
Spring Size (LengthxWidthxThickness- Number of leaves)	Front	1,500 x 90 x 13t-11	
	Rear	1,480 x 90 x 22t-12	
Shock absorber		Hydraulic double acting telescopic type on the front	
Fuel tank			
Capacity		400 liter (steel), 380 liter (al, OPT)	
Material			
Frame			
Type		"H" type frame with channel sectional side rail & cross members	
Main section side rail dimension (mm)		Depth x Flange x Thickness : 302 x 90 x 8t	
Outer stiffener dimension (mm)		Depth x Flange x Thickness : 316 x 97 x 7t	

Annotations

- 1) Empty vehicle weight and curb weight shown are to 3.5% variation to allow for production tolerance.
- 2) Empty vehicle weight and curb weight include weight of oil, fuel, coolant and spare tire carrier & bracket, spare tire but exclude standard tool set.
- 3) The vehicle specifications may differ per country.
- 4) Hyundai motor company reserves the right to alter the specifications, equipment or options or discontinue the models at any time without prior notice.



NEW THINKING. NEW POSSIBILITIES.

People's expectation toward individual mobility requires more than just a convenient means of transportation. The old understanding of cars has become outdated. A car represents individuals' lifestyles, and it became an integral part of their lives. At the same time, the automobile industry has experienced seismic change. Hyundai Motor Company has grown rapidly to become one of the largest automakers, backed by world class production capability and superior quality. We have now reached a point where we need a qualitative approach to bring bigger ideas and relevant solutions to our customers.

This is an opportunity to move forward and we have developed a new brand slogan that encapsulates our willingness to take a big leap. Led by our new slogan and the new thinking underlying it, we will become a company that keeps challenging itself to unlock new possibilities for people and the planet.

Hyundai Motor Company
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