



HYUNDAI

Medium & Heavy Duty Trucks



Move Ahead with Hyundai

Today, Hyundai Motor Company enjoys a global reputation as a high quality manufacturer uniquely capable of combining efficient, lean manufacturing technology with a strict design-to-cost philosophy.

The result is an unbeatable combination of top performance, economy and reliability. In a world where time is money, Hyundai trucks are built to run reliably and economically, working around the clock to carry maximum payloads often under extreme road conditions. They're built tough to minimize down time and reduce your fixed costs. Get your business moving into the fast lane with a Hyundai truck.



H Y U N D A I

TRACTORS

With a Hyundai tractor, you know you're getting the right rig for the job. Hyundai offers you a choice of four tractor models, each designed to give an extra margin of productivity and efficiency that you need to stay ahead of the competition. Drivers will quickly appreciate the very latest in air suspension, sleeper cabs and driver-oriented ergonomics. All powertrain, frame, axle and suspension components have been matched and tested to deliver top performance and reliability. And for your peace of mind, Hyundai tractors are backed by Hyundai Mobis' advanced global parts distribution network that ensures spares are there when you need them.



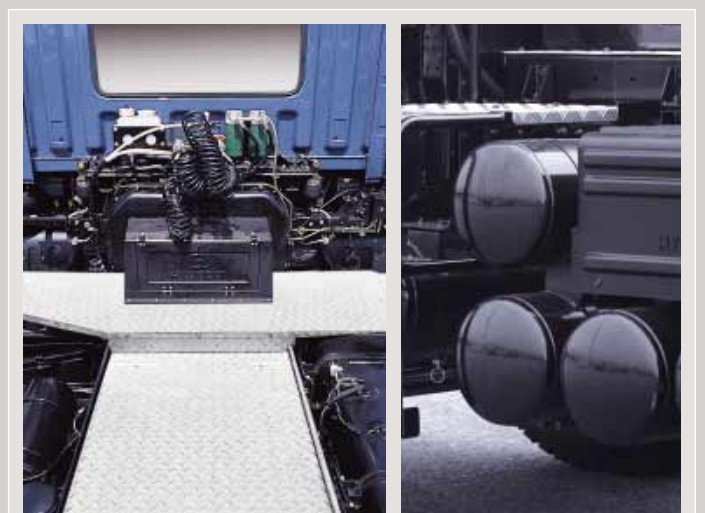
Ideally Designed Coupler Guide

The coupler guide is ideally designed for safe, confident tractor-trailing coupling and easy maintenance. The stopper is highly resistant to shock.



Coupler

Single and double axis type couplers are available. Single-type (standard) is for HD450/500 and double-type (optional) is for HD700/1000.



Large Platform and Tool Box

The large platform has easy access steps and grab handles on both sides for quick connections and disconnections. It also includes a large-sized tool box and offers protection for the fuel tank, battery and air tank.



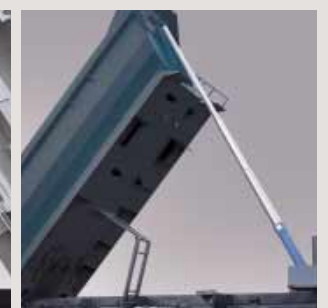
H Y U N D A I

DUMP Trucks

Check out the lineup of Hyundai dump trucks and you'll be impressed not only by the wide range of models but also by the build quality. You'll appreciate the durability and top performance that Hyundai engineers are renowned for. And what's best of all is the price-to-performance equation that no other truck maker can match. All models feature power steering with tilt and telescopic steering columns. Servicing is simple thanks to the 50-degree tilting cab and front access panel. And the advanced tipping mechanism delivers fast turnaround times to put you on the road to bigger profits.



Marrel-type (HD270)
dump mechanism



Telescopic-type (HD370)
dump mechanism



①



②



③

- ① Reinforcement struts
- ② Safety stopper
- ③ Wide dumping hinge

Hyundai mixer trucks: For the perfect mix of performance, price and reliability. Take a closer look and you'll soon appreciate why Hyundai mixer trucks offer the best value for money today. The drum design combines top mixing performance and ruggedized construction for a long service life. The double spiral screw delivers highly efficient mixing and pouring performance enabling you to deliver the highest quality ready mixed concrete that your customers expect.



MIXER Trucks

HYUNDAI

① Easy-to-Use Controls

For maximum convenience and safety, you get four-point control over the drum's rotating speed and loading/discharge functions: Inside the cab, the rear side of the truck (one per side) and the top of the hopper ladder.

② Easy Loading Hopper

With the easy loading hopper, you'll be in and out as quickly as possible. The hopper features an extra-large diameter opening for fast and easy concrete loading.

③ Electric Washing System

Internal and external washing is easy thanks to the electrically-powered water pump and efficient water pipe system. The high capacity water tank holds 350 liters.

④ Convenient Chute Operation

The main chute pivots easily in any direction for a precise aim and optimum flow rate. A simple-to-use chute locking device secures the chute for safe, worry-free travel.

⑤ Centralized Control Box

For your convenience, the centralized control box provides switches for nighttime operation lamps, hopper, scoop and blade functions. Electrical switches are shielded from the elements by a protective door panel.

⑥ Powerful Hydraulic System

The powerful hydraulic system delivers great mixing performance thanks to the direct drive system. The reduction gear and drive motor can be easily disassembled for maintenance in the field.



Cargo trucks certainly make the world go round. And no cargo truck is more cost effective or more reliable than a Hyundai. Whatever kind of cargo you are moving, Hyundai has just the right truck to get the job done. You have a choice of powerful but economical engines and gearboxes mated to a long-life ruggedized chassis that meets the most rigorous performance requirements. And best of all, you get the peace of mind that comes with owning a Hyundai-a world leading vehicle manufacturers with a reputation for quality engineering. All trucks feature the very latest cabin designs for superior comfort and convenience.

CARGO Trucks

H Y U N D A I



- ① **Wraparound headlamps**
Stylish and practical, the wraparound headlamps helps you see better and to be seen especially under adverse weather conditions.
- ② **Illuminated Doorstep**
A thoughtful design touch that helps with safe entry and egress from the cabin.
- ③ **Anti-Slip Aluminum Steps**
No matter how muddy or icy your work environment is, you will always enjoy a secure footing with these steps.





H Y U N D A I

LESS is More

The Hyundai HD120 sets the standard in the 5-ton truck category. Built to Hyundai's high quality and reliability standards, the HD120 is the perfect partner for medium-duty jobs. Inside, you get comfortable, durable seats and an ergonomic wraparound instrument panel that provides control over the vehicle.



Power and Tilt Steering

To ensure fatigue-free driving, all models come with power assisted steering plus a tilt and telescopically adjustable column.



Spacious Bunk

Upholstered in leatherette, the bunk offers sleep and relaxation to the weary. A heater is optional.



Spacious and Comfortable

We've created an exceptionally comfortable working environment with plenty of legroom and headroom that help relax the driver while keeping him alert during long hauls. The seating position is perfect: An excellent all-around view with outstanding side mirror coverage and minimal obstructions.

Win with Hyundai

Hyundai offers a complete lineup of truck models to suit every task and every budget.

Whichever model you choose, you're assured of superior build quality, reliable and economic performance, stylish design and superlative comfort. And last but not least, you'll be impressed by the top performance and outstanding durability which help maximize your profits while keeping operating costs down to a minimum.



Beyond Comfort and Convenience

After endless hours and sometimes even days on the road, truck driving can seem like the toughest job in the world. That's why our designers and engineers set out to create the most comfortable cabins in the business. Just one look at our cabin interiors and you'll see we've really done our homework. From the wraparound instrument panel and power windows to the central door lock system and numerous storage bins, every feature in the cabin works to relieve the stress and strain of daily driving.



① Door Pocket

Door side pocket is a handy storage area for maps, drink bottles and other travel essentials.

② Overhead Console Storage Bin

Dual overhead console bins provide plenty of room for the convenient storage of maps, vehicle and cargo documents and other travel essentials.

③ Power Windows

Enjoy the convenience of power windows. Switches are conveniently located on the door console. (Optional)

④ Coinbox/Ashtray

Conveniently located coinbox is also designed to be used by smokers as an ashtray.

⑤ Center Console Storage Bin

Located between the driver and passenger seats, the center console bin provides a large area for storing important papers.

⑥ Outside Door Handle

The outside door handle features an extra-large easy-to-grip design.



Air Control System

The heating, ventilation and optional air conditioning system is driven by a powerful fan and high efficiency compressor and heat exchanger. Air is delivered into the cabin at critical points to help keep the driver alert and comfortable regardless of the weather outside.



Heated Bunk

Stretch out and relax on the electrically heated bunk bed. Temperature controls are located overhead. (Optional)



Air Suspension Seat

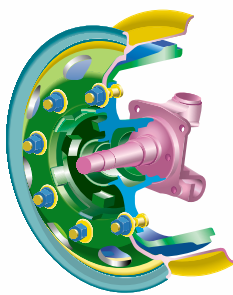
Enjoy relaxed, fatigue-free ride thanks to a cushion of air which isolates road shock and vibration. (Optional on all models)

Multi-Function Seat

Long-haul drivers will appreciate this fully adjustable seat which is designed for maximum comfort. (Optional on Tractor models only)

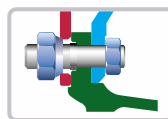
Built Extra-Tough for a Long Life

Hyundai truck frames are designed for extreme punishment. First, we specify high tensile strength, heat treated steel, a top grade steel which maximizes payload capacity and durability. Then we take heavy duty crossmembers and marry them to the frame using an all-bolted construction technique which is highly effective in distributing payload stress over the frame. The result is an impressively durable and strong frame that you will never have to worry about. Anchored solidly to the frame is an all-steel suspension which provides outstanding ride and handling qualities. Long tapered parabolic leaf springs and hydraulic dampers optimize load distribution.



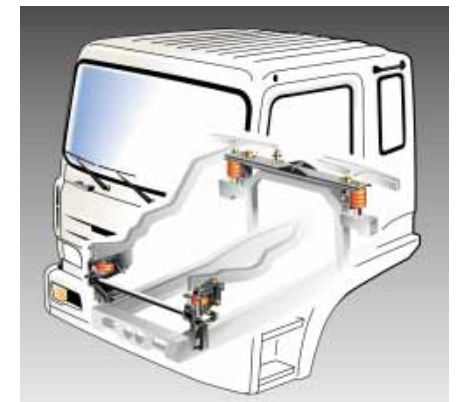
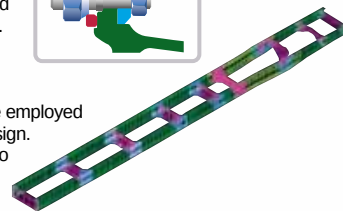
Hub Pilot Wheel

The hub pilot wheel is designed to optimize torque of the lock nuts and eliminate vibration for safer driving.



Chassis Frame

Computer-aided design tools were employed to arrive at an optimized frame design. The result: An ideal frame weight to load carrying performance ratio.



Coil Type Full Floating Cab Suspension

The cab rides on four coil-type mounts to isolate the driver from fatiguing road shocks and vibration. An air-type is optional.



Crossmember Reinforcement

And to achieve the highest possible rigidity and strength, Hyundai added heavy duty crossmembers which effectively distribute payload stress over the frame employed by an all-bolted construction technique.



Ribbed-Type Tires

Deep profile ribs on tire sidewalls promote better grip in mud and snow. Tubeless-type tires may be ordered with Deluxe trim as an option.



Tapered Leaf Spring

The spring mass of the front axle is reduced by the application of long tapered parabolic springs which improve load distribution and maximize load carrying performance. Hydraulic dampers fine-tune performance.



Rear Axles

All drivetrain components and axles are perfectly matched and extensively tested for supreme reliability.



Front Urethane Stopper & Rear Urethane Stopper

Long-lasting urethane stoppers deliver superior shock absorbing performance.



New Front Shock Absorber

New hydraulic dampers improve steering and handling qualities for a more precise, comfortable feel.

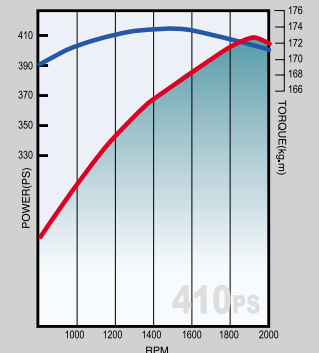


Front Stabilizer Bar

Front stabilizer bar increases structural rigidity to more effectively absorb vibration and road shocks.

Powerful, Dependable and Economical

Whether you choose one of the entry level inline naturally aspirated six cylinder diesels or top-of-the-range turbocharged intercooled Powertec, each Hyundai engine combines top performance with impressive economy. Best of all, they are fitted with top specification injection pumps so they're easy to service, highly dependable and can be counted on for a long service life. Some powerplants can be paired with a ZF transmission option. And all driveline components have been precisely matched and extensively tested for top performance and maximum dependability.



EURO-II

D6CA 41

- Displacement : 12,920 cc(TCI)
- Max. Torque : 173 kg.m / 1,500 rpm
- Model: HD 1000 (Tractor)

410 PS
/ 1,900 rpm



EURO-II

D6CA 38A

- Displacement: 12,920 cc (TCI)
- Max. Torque: 160 kg.m / 1,500 rpm
- Model: HD 310 / 320
HD 370 (Dump)

380 PS
/ 1,900 rpm



EURO-II

D6CA 38B

- Displacement: 12,920cc (TCI)
- Max. Torque: 148 kg.m / 1,500 rpm
- Model: HD 260 / 270 (Mixer)
HD 500 (Tractor)

380 PS
/ 1,900 rpm



D6AV

- Displacement: 11,149 cc (NA)
- Max. Torque: 78 kg.m / 1,400 rpm
- Model: HD170

235 PS
/ 2,200 rpm



EURO-II

D6DA22

- Displacement: 6,606 cc (TCI)
- Max. Torque: 65 kg.m / 1,700 rpm
- Model: HD160 (Dump)

220 PS
/ 2,500 rpm



EURO-II

D6AC

- Displacement: 11,149cc (TCI)
- Max. Torque: 148 kg.m / 1,200 rpm
- Model: HD 250 / 260 / 310 / 320
HD 270 (Dump)
HD 450/700 (Tractor)

340 PS
/ 2,000 rpm



EURO-II

D6AB-D

- Displacement: 11,149 cc (TCI)
- Max. Torque: 110 kg.m / 1,200 rpm
- Model: HD170

290 PS
/ 2,000 rpm



EURO-II

D6DA 19

- Displacement: 6,606 cc (TCI)
- Max. Torque: 58 kg.m / 1,700 rpm
- Model: HD120 / 160 (Dump)

196 PS
/ 2,500 rpm



EURO-II

D6BR

- Displacement: 7,545 cc (NA)
- Max. Torque: 51 kg.m / 1,400 rpm
- Model: HD120 / 160

185 PS
/ 2,900 rpm

Simplicity Above All



Hyundai keeps your truck up and running because minimum downtime means maximum profits. The front service panel is raised by pulling the release lever, which for security reasons, is located inside the cabin. Raising the panel provides quick and easy access for visual inspection of vital fluids, air filter replacement. The wide-angle tilting cab gives you a 50 degree tilt angle for easy access to the engine bay. A manual hydraulic lift mechanism is standard on the Deluxe trim. The Super trim features an electrically controlled hydraulic lifter. The cab tilt switch is located behind the cab and for security reasons, is key-operated.



Front Service Panel

The front service panel is raised by pulling the release lever, which for security reasons, is located inside the cabin.



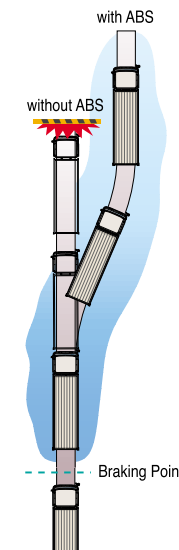
- ① **Air Filter**
Quickly replaceable air filter
- ② **Engine Oil Dipstick**
Easily accessible to keep a careful eye on oil level.
- ③ **Wiper Motor**
Centrally located for easy serviceability.
- ④ **Air Conditioning Coolant Sight Glass**
Lets you monitor the refrigerant gas level.
- ⑤ **Engine Oil Filling Spout**
Easily top up the engine oil.
- ⑥ **Clutch oil reservoir**



Driving a HYUNDAI is Driving with Peace of Mind

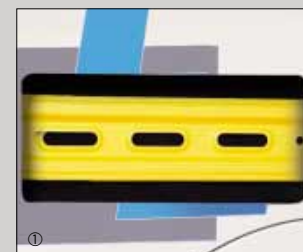
Safety begins with an impressively durable and strong frame. That serves as the foundation for an all-steel suspension system and excellent ride and handling qualities. For superlative stopping power, Hyundai offers a full air braking system supplemented by an exhaust brake. ABS with Anti-Slip Regulator and front/rear auto brake adjusters can be ordered as an options. For your security and peace of mind, the fuel filler cap is fitted with a lock and sliding lock cover.

Seat belts are height adjustable and feature an optional belt tension reducer for a more comfortable fit. To protect against side intrusion in the event of a collision, ultra-high tensile strength steel is specified for the door beam. And with the air parking brake, just a light pull is all it takes to engage the pneumatic parking brake.



ABS with ASR (Anti-Slip Regulator)

This ABS (Anti-locking Brake System) brings the vehicle to a safe, controlled stop and is particularly advantageous whilst driving under slippery road conditions. The driver can apply maximum pressure on the brake pedal without worrying about wheel lock, skidding and subsequent loss of control. With ABS/ASR, the driver can maintain full directional stability of the vehicle at all times and avoid potentially dangerous situations. (Optional)



- ① **Side Impact Protection Beam**
Ultra-high tensile strength steel is specified for the door beam which protects against side intrusion in the event of a collision.
- ② **Jake Brake**
Optional Jake Brake increases stopping power while saving on brake linings. Only available with D6CA engine.
- ③ **Air Tanks**
Large-capacity air tanks hold plenty of reserve stopping power.
- ④ **Air Parking Brake & Full Air Brake**
Just a light pull is all it takes to engage the pneumatic parking brake. Standard on all models.
- ⑤ **Tension Reducing Seat Belts**
These seat belts reduce seat belt tension for a more comfortable fit.(option)
- ⑥ **Height Adjustable Seat Belts**
For the perfect fit around the waist and shoulders regardless of body size.



Hyundai : The Right Truck for the Job

Choosing the right truck for the job is a big decision. Choosing Hyundai makes it easier because the Hyundai name stands for quality. And more than that, Hyundai offers a complete range of truck models to suit every need and pocketbook. Each Hyundai truck is designed to give the extra margin of productivity and efficiency you need to stay ahead of the competition. With Hyundai trucks, you'll never go wrong: They are equipped with powerful, fuel efficient engines and carefully matched drivelines which ensure maximum reliability and outstanding economy.

HYUNDAI

TRACTOR

DUMP

HYUNDAI TRACTOR HD450 / 500 / 700 / 1000

ITEM \ MODEL		HD450	HD500	HD700	HD1000
Cab Type		Sleeper Cab		Sleeper Cab	
Wheel Base		Short		Short	
Drive System		LHD, 4 x 2		LHD, 6 x 4	
Application Engines		D6AC	D6CA 38B	D6AC	D6CA 41
Dimensions (mm)					
Wheel Base		3,450	3,450	3,050 +1,300 = 4,350	
Overall	Length	5,880	5,880	6,885	6,885
	Width	2,495	2,495	2,495	2,495
	Height	2,850	2,850	2,880	2,950
Wheel Tread	Front	2,040	2,040	2,040	2,040
	Rear	1,850	1,850	1,850	1,850
Overhang	Front	1,495	1,495	1,495	1,495
	Rear	935	935	840	840
Coupler	Type	1 Axis		1 Axis (STD) / 2 Axis (OPT)	
	The fifth wheel load (kg)	8,500		16,500	
	King Pin Dia	2" / 3.5" (Opt)			
	Height	220 / 280 / 330			
	Ground Height	1.330 (STD) / 1,270 (OPT)			
Min.Ground Clearance		250			
Weight (kg)					
Empty Vehicle Weight		6,960	7,110	8,720	8,830
Max. Gross Vehicle Weight *		18,100		29,900	
	Front	6,300		6,300	
	Rear	11,800		11,800 x 2	

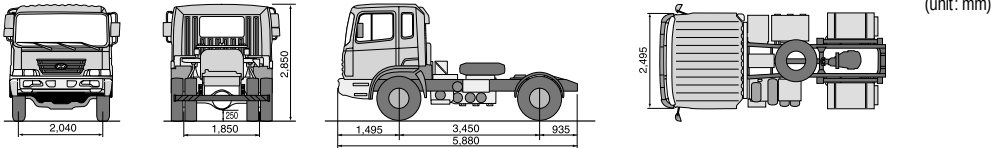
* Max. GVW includes the front & rear axle loads based on the permissible tire load.

Calculated Performance					
Max. Speed	km/h	114	121	99	120
Max. Gradeability	tan θ	0.847	0.997	0.537	0.855
Min.Turning Radius	m	6.2	6.2	6.8	6.8
Specifications					
Engine	Model	D6AC	D6CA 38B	D6AC	D6CA 41
	Number of Cylinder	6 in-line			
	Max. Power/Torque (ps/kg.m)	340 / 140 (Euro II)	380 / 148 (Euro II)	340 / 148 (Euro II)	410 / 173 (Euro II)
Battery		12VX2, 150AH at 20Hr rates			
Transmission	Model	M12S 2 x 5	H 160S 2 x 5	H 160S 2 x 5, M 12S 2 x 5	ZF 16S151
	Type	10 forward and 2 reverse speed		10 forward and 2 reverse speed	16 forward and 2 reverse speed
Rear Axle Ratio		4.875	4.875	5.571	4.875
Tire (Front / Rear)		11.00 x 20 - 14PR		11.00 x 20 - 16PR	
Brake	Service Brake	Full air with dual circuit			
	Parking Brake	Spring loaded type chamber			
	Exhaust Brake	Air operated, butterfly valve type			
Suspension (Front / Rear)		Semi-elliptic, laminated leaf springs with shackle link			
Fuel Tank (Liter)		350			

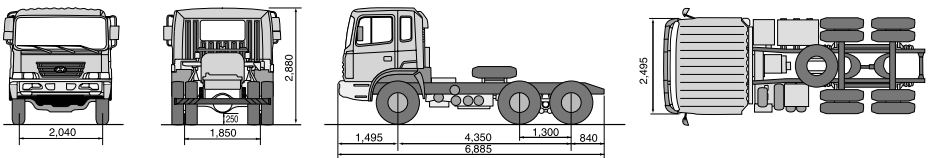
Annotations

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3) Hyundai Motor Company reserve the right to make change in specifications, equipments and design or to discontinue models or options without notice at any time.

4x2 Tractor (HD450)



6x4 Tractor (HD700)



HYUNDAI DUMP HD160 / 270 / 370

ITEM \ MODEL		HD160	HD270	HD370
Cab Type		Sleeper Cab	Sleeper Cab	Sleeper Cab
Wheel Base		Short	Short	Short
Drive System		LHD, 4 x 2	LHD, 6 x 4	LHD, 6 x 4
Application Engines		D6BR	D6DA22	D6AC
Dimensions (mm)				
Wheel Base		3,700	3,290 + 1,300 = 4,590	1,700 + 2,900 + 1,300 = 5,900
Overall	Length	6,520	7,635	9,025
	Width	2,495	2,495	2,495
	Height	2,910	2,935	2,980
Wheel Tread	Front	2,040	2,040	2,098
	Rear	1,850	1,850	1,850
Overhang	Front	1,495	1,495	1,925
	Rear	1,325	1,550	1,220
Min.Ground Clearance		255	280	300
Weight (kg)				
Empty Vehicle Weight		7,510	7,400	11,060
Max. Gross Vehicle Weight *		17,100	27,900	41,600
	Front	6,300	6,300	9,000 x 2
	Rear	10,800	10,800 x 2	11,800 x 2

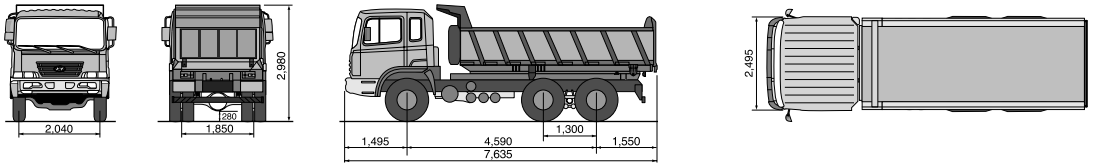
* Max. GVW includes the front & rear axle loads based on the permissible tire load.

Calculated Performance				
Max. Speed	km/h	109	120	100
Max. Gradeability	tan θ	0.251	0.268	0.248
Min.Turning Radius	m	6.2	6.2	7.5
Specifications				
Engine	Model	D6BR	D6DA 22	D6AC
	Number of Cylinder	6 in-line		
	Max. Power/Torque (ps/kg.m)	185 / 51	225 / 65 (Euro II)	340 / 148 (Euro II)
Battery		12VX2, 150AH at 20Hr rates		
Transmission	Model	M8S5 (Direct Drive)	M12S6 / H160S6	ZF 16S151 (Over Drive)
	Type	5 forward and 1 reverse speed	6 forward and 1 reverse speed	16 forward and 2 reverse speed
Rear Axle Ratio		6.666	5.571	6.166
Tire (Front / Rear)		11.00 x 20 - 16PR		
Brake	Service Brake	Full air with dual circuit		
	Parking Brake	Spring loaded type chamber		
	Exhaust Brake	Air operated, butterfly valve type		Air operated, butterfly valve type
	Jake Brake	-		Injection cam operated type (D6CA Engine)
Suspension (Front / Rear)		Semi-elliptic, laminated leaf springs with shackle link		
Fuel Tank (Liter)		200	400	350

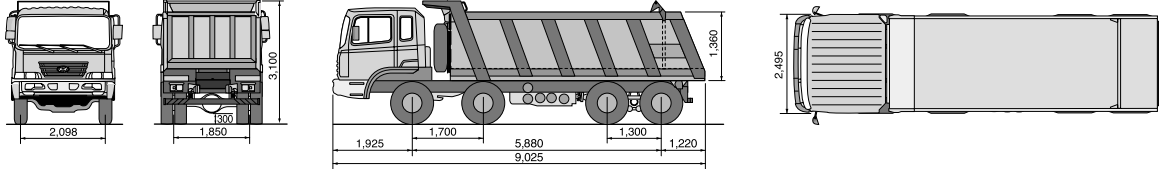
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HD 270



HD 370



HYUNDAI

MIXER

CARGO

HYUNDAI MIXER HD270

ITEM \ MODEL		HD270
Cab Type		Sleeper Cab
Wheel Base		Short
Drive System		LHD, 6 x 4
Application Engines		D6CA38B
Dimensions (mm)		
Wheel Base		3,290 + 1,300 = 4,590
Overall	Length	8,335
	Width	2,495
	Height	3,600
Wheel Tread	Front	2,040
	Rear	1,850
Overhang	Front	1,495
	Rear	2,225
Drum	Length	4,178.5
	Diameter	ø 2,100
	Agitating(m³)	7
Min.Ground Clearance		285
Weight (kg)		
Empty Vehicle Weight		11,640
Max. Gross Vehicle Weight *		27,900
Front		6,300
Rear		10,800 x 2

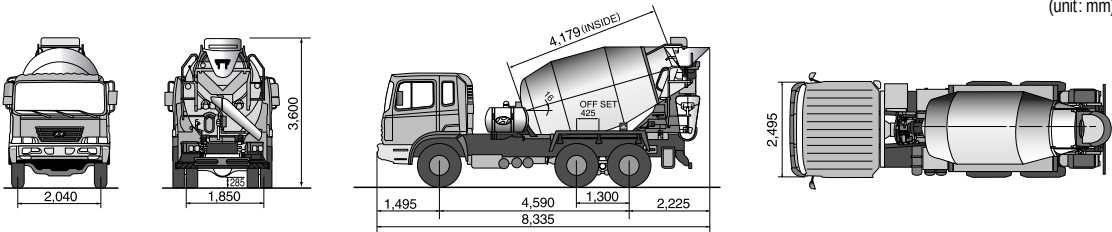
* Max. GVW includes the front & rear axle loads based on the permissible tire load.

Calculated Performance		
Max. Speed	km/h	101
Max. Gradeability	tan θ	0.267
Min.Turning Radius	m	7.5
Specifications		
Engine	Model	D6CA38B
	Number of Cylinder	6 in-line
	Max. Power/Torque (ps/kg.m)	380 / 148 (Euro II)
Battery		12V x2, 150AH at 20Hr rates
Transmission	Model	M12S6
	Type	6 forward and 1 reverse speed
Rear Axle Ratio		5.571
Tire (Front / Rear)		11.00 x 20 - 16PR
Brake	Service Brake	Full Air with dual circuit
	Parking Brake	Spring loaded type chamber
	Exhaust Brake	Air operated, butterfly valve type
	Jake Brake	Injection cam operated type
Suspension (Front / Rear)		Semi-elliptic, laminated leaf springs with shakle link
Fuel Tank (Liter)		200

Annotations

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HD 270



HYUNDAI CARGO Chassis HD120 / 160

ITEM \ MODEL		HD120						HD160	
Cab Type		Sleeper Cab						Sleeper Cab	
Wheel Base		Short		Long		Extra Long		Short	Long
Drive System		LHD, 4 x 2						LHD, 4 x 2	
Application Engines		D6BR	D6DA19	D6BR	D6DA19	D6BR	D6DA19	D6BR	D6BR
Dimensions (mm)									
Wheel Base		3,795		4,260		4,895		4,395	5,850
Overall	Length	6,765		7,465		8,415		7,850	9,525
	Width	2,195						2,495	
	Height	2,505						2,910	
Wheel Tread	Front	1,795						2,040	
	Rear	1,660						1,850	
Overhang	Front	1,245						1,495	
	Rear	1,725		1,960		2,275		1,960	2,180
Min.Ground Clearance		210						285	275
Weight (kg)									
Chassis Cab Weight		3,570	3,860	3,715	4,030	3,760	4,070	5,596	5,771
Max. Gross Vehicle Weight *		12,400						17,100	
	Front	3,600						6,300	
	Rear	8,800						10,800	

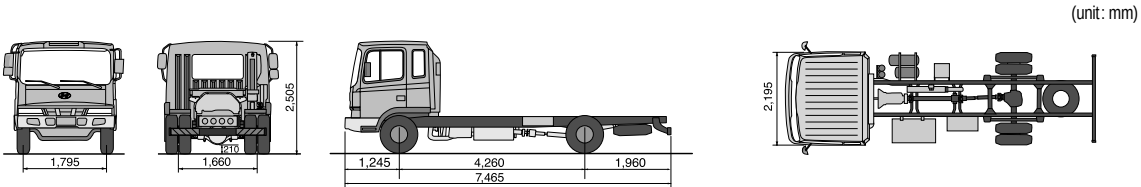
* Max. GVW includes the front & rear axle loads based on the permissible tire load.

Calculated Performance									
Max. Speed	km/h	117	123	117	123	117	123	109	103
Max. Gradeability	tan θ	0.475	0.406	0.457	0.392	0.447	0.385	0.193	0.195
Min.Turning Radius	m	6.3		7.3		8.2		7.5	9.9
Specifications									
Engine	Model	D6BR			D6DA19			D6BR	
	Number of Cylinder	6 in-line						6 in-line	
	Max. Power/Torque (ps/kg.m)	185 / 51			196 / 58 (Euro II)			185 / 51	
Battery		MF 24V-90AH						24V-150AH	
Transmission	Model	M6S6 (Over Drive)			KH-10 (Over Drive)			M8S5 (Direct Drive)	
	Type	6 forward and 1 reverse speed						5 forward and 1 reverse speed	
Rear Axle Ratio		5.571 / 5.428			4.333			6.166	
Tire (Front / Rear)		8.25R16 - 16 (18) PR						11.00 x 20 - 16 PR	
Brake	Service Brake	Air over hydraulic with dual circuit / Full air(D6DA OPT)						Full air with dual circuit	
	Parking Brake	Internal expanding type on propellershaft at the rear of transmission assy for AOH Spring loaded type chamber on the rear wheels for full Air brake						Spring loaded type chamber	
	Exhaust Brake	Air operated, butterfly valve type							
Suspension (Front / Rear)		Semi-elliptic, laminated leaf springs with shakle link							
Fuel Tank (Liter)		100(Short) or 200						200	

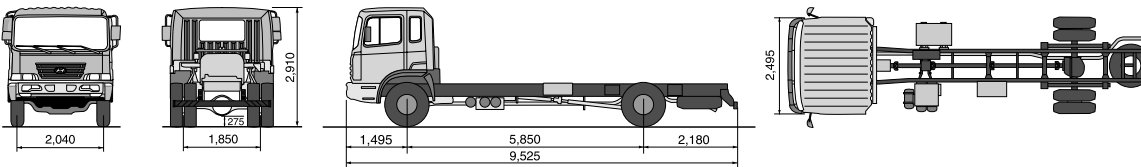
Annotations

- 1) This vehicle specifications may differ per country and allow for production tolerance.
2) Chassis cab weight includes weight of oil, fuel, coolant and spare tire carrier & bracket, spare tire but exclude standard tool set.
3) Hyundai Motor Company reserve the right to make change in specifications, equipments and design or to discontinue models or options without notice at any time.

HD120 (Long)



HD160 (Long)



HYUNDAI

CARGO

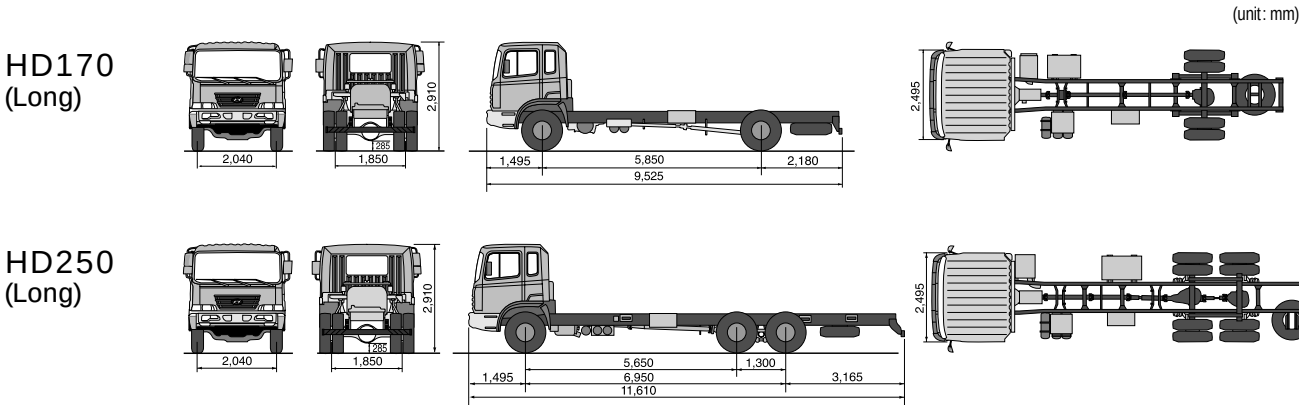
HYUNDAI CARGO Chassis HD170 / 250

ITEM \ MODEL		HD170				HD250	
Cab Type		Sleeper Cab				Sleeper Cab	
Wheel Base		Short		Long		Long	
Drive System		LHD, 4 x 2				LHD, 6 x 4	
Application Engines		D6AV	D6AB-D	D6AV	D6AB-D	D6AC	
Dimensions (mm)							
Wheel Base		4,395		5,850		5,650 + 1,300 = 6,950	
Overall	Length	7,850		9,525		11,610	
	Width	2,495		2,495		2,495	
	Height	2,910		2,910		2,910	
Wheel Tread	Front	2,040				2,040	
	Rear	1,850				1,850	
Overhang	Front	1,495				1,495	
	Rear	1,960		2,180		3,165	
Min.Ground Clearance		285				285	
Weight (kg)							
Chassis Cab Weight		6,046	6,330	6,164	6,415	8,765	
Max. Gross Vehicle Weight *		17,100				27,900	
	Front	6,300				6,300	
	Rear	10,800				10,800 x 2	

* Max. GVW includes the front & rear axle loads based on the permissible tire load.

Calculated Performance						
Max. Speed	km/h	99	120	99	120	117
Max. Gradeability	tan θ	0.278	0.341	0.274	0.332	0.466
Min.Turning Radius	m	7.5		10.1		10.4
Specifications						
Engine	Model	D6AV		D6AB-D		D6AC
	Number of Cylinder	6 in-line				6 in-line
	Max. Power/Torque (ps/kg.m)	235 / 78		290 / 110 (Euro II)		340 / 148 (Euro II)
Battery		24V-150AH			24V-150AH	
Transmission	Model	M8S5 (Over Drive)		M10S6 (Over Drive)		H160S6
	Type	5 forward and 1 reverse speed		6 forward and 1 reverse speed		6 forward and 1 reverse speed
Rear Axle Ratio		6.166		4.333		5.143 / 5.571
Tire (Front / Rear)		11.00 x 20 - 16 PR			11.00 x 20 - 16 PR	
Brake	Service Brake	Full air with dual circuit				Full air with dual circuit
	Parking Brake	Spring loaded type chamber			Spring loaded type chamber	
	Exhaust Brake	Air operated, butterfly valve type				
Suspension (Front / Rear)		Semi-elliptic, laminated leaf springs with shakle link				
Fuel Tank (Liter)		200			400	

- Annotations**
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HYUNDAI CARGO Chassis HD 260 / 310 / 320

ITEM \ MODEL		HD260			HD310		HD320	
Cab Type		Sleeper Cab			Sleeper Cab		Sleeper Cab	
Wheel Base		Short	Medium		Short		Extra Long	
Drive System		LHD, 6 x 4			LHD, 8 x 4		LHD, 8 x 4	
Application Engines		D6AC	D6AC	D6CA 38B	D6AC	D6CA 38A	D6AC	D6CA 38A
Dimensions (mm)								
Wheel Base		4,350+1,300=5,650		4,800+1,300=6,100		1,700+4,040+1,300=7,040		1,700+4,850+1,300=7,850
Overall	Length	9,635		10,310		11,395		12,245
	Width	2,495		2,495		2,495		2,495
	Height	2,910		2,910		2,910		2,975
Wheel Tread	Front	2,040		2,040		2,040		2,040
	Rear	1,850		1,850		1,850		1,850
Overhang	Front	1,495		1,925		1,925		1,925
	Rear	2,490	2,715		2,430		2,470	
Min.Ground Clearance		285			275		275	
Weight (kg)								
Chassis Cab Weight		8,195	8,455	8,800	9,903	10,350	10,085	10,560
Max. Gross Vehicle Weight *		27,900			36,200		36,200	
	Front	6,300			12,600		12,600	
	Rear	10,800 x 2			11,800 x 2		11,800 x 2	

* Max. GVW includes the front & rear axle loads based on the permissible tire load.

Calculated Performance								
Max. Speed	km/h	118	100	111	94	114	94	104
Max. Gradeability	tan θ	0.525	0.406	0.383	0.456	0.589	0.346	0.422
Min.Turning Radius	m	8.1	8.8		10.8		11.7	
Specifications								
Engine	Model	D6AC		D6CA 38B	D6AC	D6CA 38A	D6AC	D6CA38A
	Number of Cylinder	6 in-line						
	Max. Power/Torque (ps/kg.m)	340/148 (Euro II)		380/148 (Euro II)	340/140 (Euro II)	380/160 (Euro II)	340/140 (Euro II)	380/160 (Euro II)
Battery		24V-150AH						
Transmission	Model	M12S6			M12S 2 x 5	H160S 2 x 5	M12S 2 x 5	H160S 2 x 5
	Type	6 forward and 1 reverse speed			10 forward and 2 reverse speed		10 forward and 2 reverse speed	
Rear Axle Ratio		5.571/ 6.166		5.571	5.571	5.143	5,571	5.143
Tire (Front / Rear)		11.00 x 20 - 16 PR						
Brake	Service Brake	Full air with dual circuit						
	Parking Brake	Spring loaded type chamber						
	Exhaust Brake	Air operated, butterfly valve type (D6AC Engine)						
	Jake Brake	Injection cam operated type (D6CA Engine)						
Suspension (Front / Rear)		Semi-elliptic, laminated leaf springs with shakle link						
Fuel Tank (Liter)		200 / 400			380			

- Annotations**
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