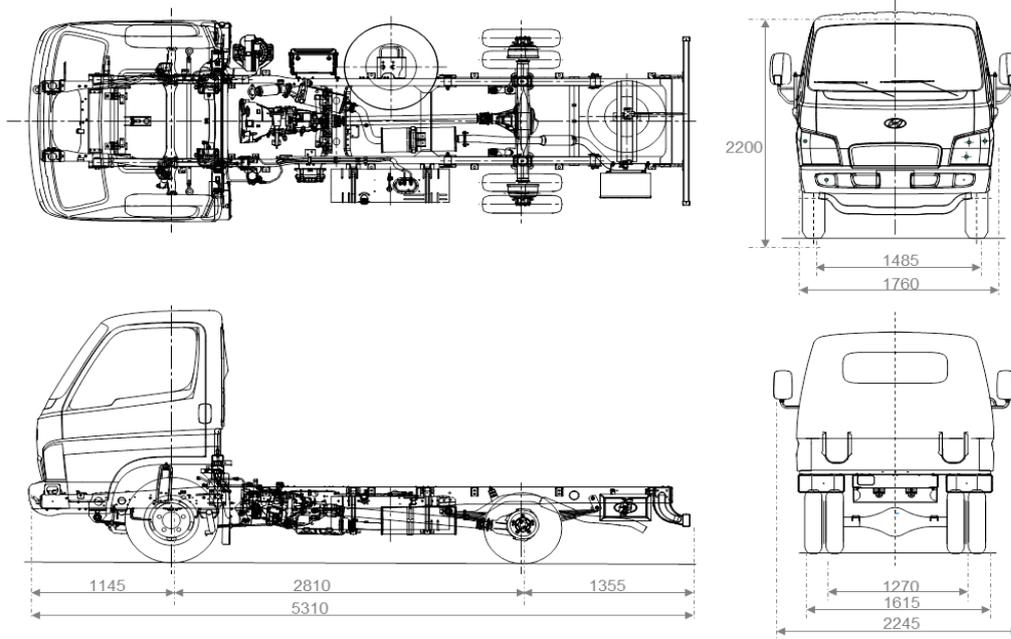


HD36L

HYUNDAI HD Series



Cab	Width	Narrow
	Length	Standard
	Height	Low
Wheel Base		Short
Drive System		4 X 2
Application Engines		D4CB

Dimensions (mm)

Wheel Base		2,810
	Length	5,310
Overall (Chassis Cab)	Width	1,760
	Height	2,200
Wheel Tread	Front	1,485
	Rear	1,270
Overhang (Chassis Cab)	Front	1,145
	Rear	1,355
C.A (Cab to rear Axle)		2,134
C.E (Cab to end of frame)		3,347
Min. Ground Clearance		165
Min. Turning Radius	m	5.8

Weight (kg)

Chassis Cab Weight		1,745
	Front	1,285
	Rear	460
** Max Gross Vehicle Weight		3,590
	Front	1,715
	Rear	1,875

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

Calculated Performa

Application Engines		D4CB
Max. Speed	km/h	110
Max. Gradeability	tan0	0.375

Chassis Specifications

Engine

Model		D4CB
Type		Turbo Charger Intercooler 4 stroke-cycle, water-cooled, direct-injection diesel engine
number of Cylinder		4 in-line
Piston Displacement (cc)		2,497
Bore x Stmke (mm)		091 x 96
Compression Ratio		17.7 : 1
Max. Power (ps/rpm)	EURO III (LCV)	130 / 3,800
	EURO IV (LCV)	130 / 3,800
	EURO V(LCV)	130 / 3,800
	EURO III	115 / 3,200
Max. Torque (kg.m/rpm)	EURO III (LCV)	26 / 2,000
	EURO IV (LCV)	26 / 2,000
	EURO V(LCV)	26 / 2,000
	EURO III	26 / 2,000
Fuel Metering System	Injection System	Common Rail System
	Governor	Electrical Type by ECU
	Fuel Filter	Spin-on type
Cooling System	System	Water-Cooling. Forced circulation by centrifugal water pump
	Cooling Fan	Auto Clutched Type
	Radiator	Corrugated fin and tube type with pressure cap and condenser tank
Lubrication System	System	Forced Lubrication Oil by gear pump
	Oil Filter	Full flow filter with paper element
	Oil Cooler	Shell & Plate
	Oil Grade	CI-4 or above (API Classification)
Electrical System	Battery	12V-100AH MF
	Alternator	12V - 120A
	Starter	12V - 2.2kW
Timing System		Double OverHead Cam, 4 Valves per Cylinder

Clutch

Type		Hydraulic control, Diaphragm spring, Single dry plate, Pre-Damper
Facing Material		non-Asbestos
Facing Size (mm) : Outside dia.xInside dia.		Φ254xΦ170

Transmission

Model		M6AR1
Type		Floor Shift, 6 Speed Manual
	1st	4.487
	2nd	2.248
	3rd	1.364
Gear Ratio	4th	1
	5th	0.823
	6th	0.676
	Reverse	4.038
Gear Oil		SAE75W/85
T.G.S. (Transmission Gear Shift)		Floor shift, Mechanical remote control

Propellershaft

Model		Π0ΠE
Type		Tubular, Forged steel ends
Size (diameter x Thickness)		Φ76.2 x 1.6t

Rear Axle

Model	None	
Type	Full floating type	
Capacity	Kg	2,300
Final Reduction Gear	Type	Single Reduction, Hypoid gear
	G/Ratio	4.181
Gear Oil	Api Gl-5, Sae80w90 Mineral Oil, 1.6L	

Front Axle

Type	Reverse Elliot type " 1 " beam	
Capacity	Kg	1,960

Tire & Wheel

Type	Single Front, Dual Rear	
Tire	Front/ Rear	FR: * 6.50R16-10PR / RR: * 5.50R13-8PR (Opt.: 10PR, 12PR)
Wheel	Front/ Rear	FR : 16X5.5J / RR : 13X4J

Steering

Type	2-Spoke, Ball-nut type, Tilt & Telescopic steering column	
Steering Wheel Diameter (mm)	Manual	-
	Power	410
Tilting Angle	55.5°~ 62.2°	
Telescopic Stmke	mm	23.6
Overall Steering Gear Ratio	Manual	-
	Power	22.4
Turning Angle	Inner	39°
	Outer	30°

Service Brake

Actuation	Hydraulic with vacuum servo assistance, dual circuit	
Size (mm)	Front/ Rear	DISC ϕ 294/ DRUM ϕ 220
Vacuum reservoir	7L	
Adjuster	Auto adjuster	

Parking Brake

Actuation	Cross - Pull Type in Wheel	
Size (mm)	Drum diameter x Lining width x Lining thickness : ϕ 220x57x7t	

Auxiliary Brake

Exhaust Brake	N/A	
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Suspension

Type	Front / Rear	Semi-elliptic, laminated leaf springs with front/rear shock absorber	
Spring Size (LengthxWidthxThickness- number of leaves)	Front	1,200 x 70 x 13t-2	
	Rear	Main	1,200 x 70 x 9t-1, 8t-2, 7t-2
		Helper	760 x 70 x 18t-1, 600 x 70 x 18t-1
Shock absorber	Double acting telescopic gas type on the front & rear axle		

Cooling system

Radiator	Type	Tube & Corrugated fin type
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Air intake system

General	Snorkel type at the rear of cab	
Air cleaner type	Dry Paper type	
Air cleaner position	At the rear of cab	

* HD36L :TUBELESS RADIAL TIRE ONLY
 Hyundai Commercial Vehicle SPECIFICATIONS. 7

Exhaust system

Type Droptail type, blowing to chassis rearward

Fuel tank

Capacity (liter) 65
 Material Steel

Frame

Type "H" type frame with channel sectional side rail & cross members, side rail is reinforced with outer stiffeners
 Main section side rail dimension (mm) Depth x Flange x Thickness : 185 x 65 x 6t

Electrical system

Electrical Equipments

Head lamps Semi Sealed Beam, Daytime Running Light
 Front combination lamps Turn signal / Hazard-Amber, Position - White
 Fog lamps Yellow
 Rear combination lamps Turn signal / Hazard-Amber, Tail / Stop - Red
 License plate lamp White
 Back-up lamp White

Instruments

Meter Cluster Fixed type
 Meter Speedometer with odometer & trip counter / Combined meter include fuel & water temperature gauges
 Warning lamps & indicators Brake fluid level of reservoir / Parking Break / Oil Pressure / Battery charge / Turn signal / Door open
 Horn Tell-tale lights for head light high beam / Seat belt
 Single, electric type

Body

Cab

Type Tilt type with torsion bars, all steel welded construction with safety zone design
 Mounting Rigid or Semi floating type
 Windshield One piece type with laminated glass
 Windshield Wipers Dual electric three speed (intermittent / low / fast) wipers & washer
 Driver's Seat Urethane foam cushioned adjustable to the front & rear/ reclining, Semi Cloth or Simulated Leather material
 Passenger's seat Bench seat, Semi cloth or Simulated leather material

Annotations

- 1) Empty vehicle weight and curb weight shown are to 3.5% variation to allow for production tolerance.
- 2) Empty vehicle weight includes weight of oil, fuel and coolant, but exclude standard tool set and driver.
- 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.