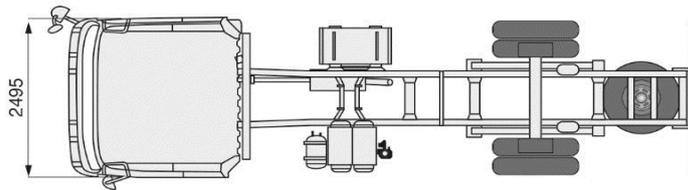
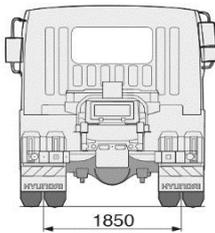
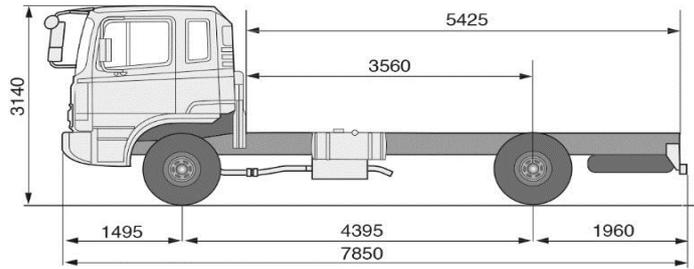
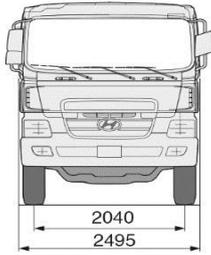


HD170 Cargo Short Wheelbase

HYUNDAI HD Series



Vehicle Type	Cargo
Cab Type	Sleeper Cab
Wheel Base	Short
Drive System	LHD, 4 X 2
Application Engines	D6AV D6AB-d D6GA2E

Dimensions (mm)

Wheel Base		4,395
Overall (Chassis Cab)	Length	7,850
	Width	2,495
	Height	3,140
Wheel Tread	Front	2,040
	Rear	1,850
Overhang (Chassis Cab)	Front	1,495
	Rear (Frame)	1,865
C.A (Cab to rear Axle)		3,560
C.E (Cab to end of frame)		5,425
Min. Ground Clearance		285
Min. Turning Radius	m	7.5

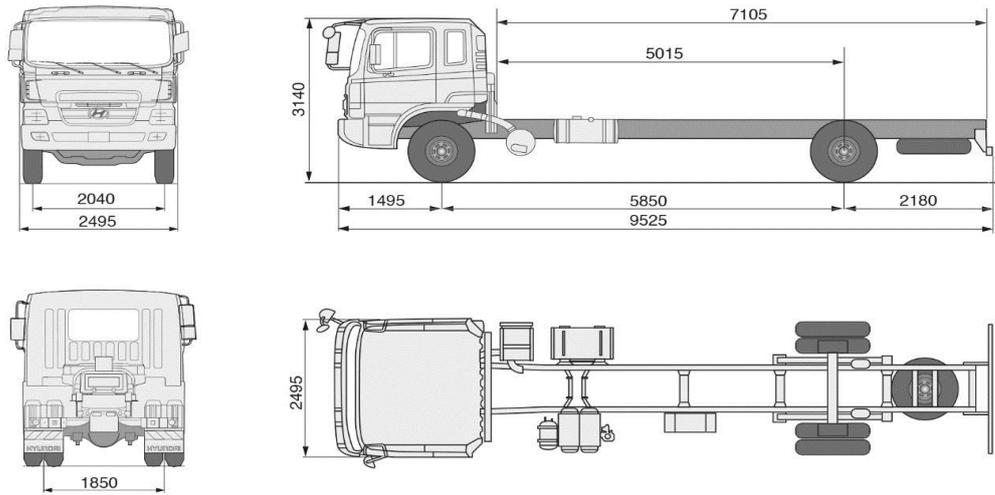
Weight (kg)

Chassis Cab Weight		6,200	6,330	6,015
	Front	3,850	3,960	3,760
	Rear	2,350	2,370	2,255
** Max Gross Vehicle Weight			18,800	
	Front		7,000	
	Rear		11,800	

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

HD170 Cargo Long Wheelbase

HYUNDAI HD Series



Vehicle Type	Cargo			
Cab Type	Sleeper Cab			
Wheel Base	Long			
Drive System	LHD, 4 X 2			
Application Engines	D6AV	D6AB-d	D6GA2E	D6GA28

Dimensions (mm)

Wheel Base		5,850
Overall (Chassis Cab)	Length	9,525
	Width	2,495
	Height	3,140
Wheel Tread	Front	2,040
	Rear	1,850
Overhang (Chassis Cab)	Front	1,495
	Rear (Frame)	2,090
C.A (Cab to rear Axle)		5,015
C.E (Cab to end of frame)		7,105
Min. Ground Clearance		285
Min. Turning Radius	m	10.1

Weight (kg)

Chassis Cab Weight		6,310	6,440	6,125	6,145
	Front	3,920	4,030	3,865	3,885
	Rear	2,390	2,410	2,260	2,260
** Max Gross Vehicle Weight				18,800	
	Front			7,000	
	Rear			11,800	

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

Chassis Specifications
Engine

Model		D6AV	D6AB-D	HD170	D6GA2E	D6GA28
Type		Natural Aspiration		Turbo Charger Intercooler		
number of Cylinder				4 stroke-cycle, water-cooled, direct-injection diesel engine		
Piston Displacement (cc)			11,149	6 in-line		5,899
Bore x Stroke (mm)			130 x 140			103 x 118
Compression Ratio		17.5 : 1		17.0 : 1		17.0 : 1
Max. Power** (ps/rpm)	Euro I	220 / 2,200		-		-
	Euro II / III	-		290 / 2,000		-
	Euro IV	-		-	255 / 2,500	-
	Euro V	-		-	-	280 / 2,500
	Euro I	75 / 1,400		-	-	-
Max. Torque ** (kg.m/rpm)	Euro II / III	-		110 / 1,200		-
	Euro IV	-		-	95 / 1,400	-
	Euro V	-		-	-	100 / 1,400
Cooling System	General	Pressure type with thermostat, Forced circulation by centrifugal water pump				
	Radiator	Corrugated fin type with pressure cap and condenser tank				
	Battery	12V x 2, 150 AH at 20 Hr rates				
Electrical System	Alternator	24V-60A			24V-70A	
	Starter	24V-5.5kW			24V-5kW	
	Injection pump	in-line type				
Fuel System	Governor	Min-Max Speed (RFD)	All Speed Type (RLD-J)		-	
	Fuel filter	Spin-on type				
	Lubrication	Forced lubrication by gear pump				
Oil System	Oil filter	Combination (Full flow and bypass) filter with paper element				
	Oil cooler	Water cooled, plate fin type				
	Oil grade	API service classification CF-4 or above				
Air cleaner	Cyclonic dry paper element					
Valve System	Single Overhead Valve, Two valves per cylinder					

** Max. Power and Torque of engine may vary according to each country.

Clutch

Engine	D6AV	D6AB-D	D6GA2E	D6GA28
Type	Hydraulic control with Air pressure assistance, Coil spring, Single dry plate, Pre-Damper			
Facing Material	Non-Asbestos			
Facing Size (mm) Outside dia x Inside dia	ø410 x ø250		ø430 x ø250	

HYUNDAI HD Series_HD170 Cargo

Transmission					
Engine Model		D6AV	D6AB-D	D6GA2E M10S6 (Over Drive)	D6GA28
Type		M855 (Over Drive) 5 forward and 1 reverse speed, 2nd to 5th synchromesh, 1st & reverse constant-mesh gears	6 forward and 1 reverse speed, 2nd to 6th synchromesh, 1st & reverse constant-mesh gears		
Gear Ratio	1st	5.431		6.552	
	2nd	3.436		4.178	
	3rd	1.747		2.415	
	4th	1.000		1.621	
	5th	0.741		1.000	
	6th	-		0.758	
	Reverse	5.677		6.849	
Gear Oil T.G.S. (Transmission Gear Shift)		API service classification GL-5 and SAE service classification 80W/90 (85W/140 ;Tropical zones only) Floor shift, Mechanical remote control			
Rear Axle					
Type		Full floating type			
Capacity	kg	11,800			
Final Reduction Gear	Type G/Ratio		Single Reduction, Hypoid gear		
		6.166	4.333	4.889	
Front Axle					
Type		Reverse Elliot type " I " beam			
Capacity	kg	7,000			
Tire & Wheel					
Type		12R 22.5 - 16PR			
Tire	Front / Rear	8.25T x 22.5-165			
Wheel	Front / Rear				
Steering					
Type		2-Spoke, Ball-nut type, Tilt & Telescopic steering column			
Tilting Angle		9°			
Turning Angle	Inner	49°			
	Outer	39°			
Service Brake					
Actuation		Full Air, Dual circuit fixed S cam with spring loaded chambers			
Size (mm)	Front	Drum dia. x Lining width x Lining thickness : \varnothing 410 x 156 x 19			
	Rear	Drum dia. x Lining width x Lining thickness : \varnothing 410 x 220 x 19			
Total lining area		6,08cm ²			

HYUNDAI HD Series_HD170 Cargo

Parking Brake

Engine	D6AV	D6AB-D	D6GA2E	D6GA28
Actuation	Spring loaded type chamber on the rear wheels			
Size (mm)	Drum diameter x Lining width x Lining thickness : 0410 mm x 220 mm x 19 mm			
Total lining area	3,558af			

Exhaust Brake

Type	Air operated, butterfly valve type
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Suspension

Type	Front	Semi-elliptic, parabolic leaf springs with shackle link (Taper leaf spring)
	Rear	Semi-elliptic, laminated leaf springs with shackle link (Multi leaf spring)
Shock absorber	Hydraulic double acting telescopic type on the front axle	

Exhaust system

General	Conventional (horizontal) type muffler Muffler With Diesel Oxidation Catalyst (For D6AB-D for Euro3 Emssion)	Box type Catalyst muffler (PMC type)
Tail pipe	Droptail type, blowing to chassis rearward	

Fuel tank

Capacity	200 liter
Material	Steel (STD), Aluminum (OPT)

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

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.