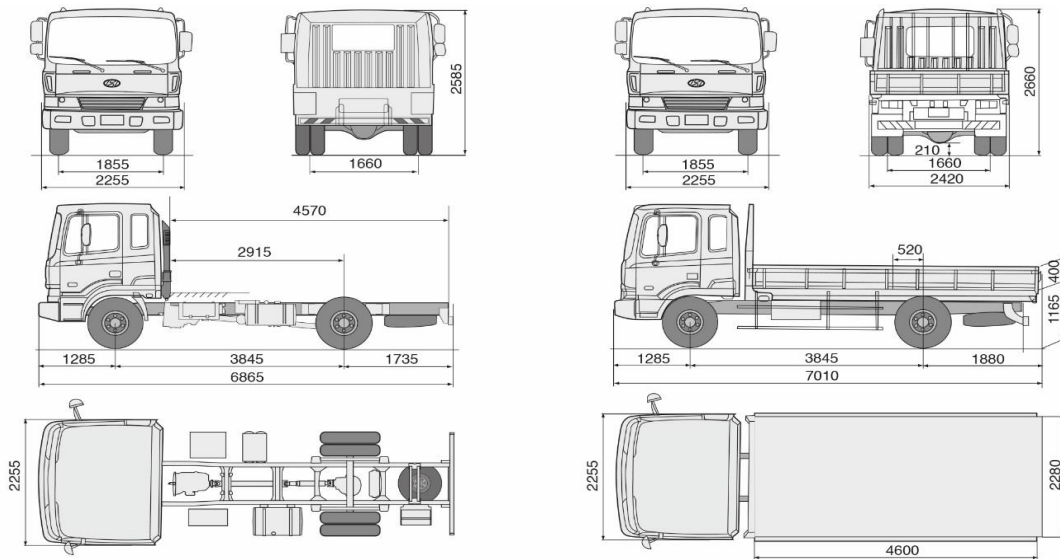


HD120 Cargo Short Wheelbase

HYUNDAI HD Series



Vehicle Type	Cargo
Cab Type	Sleeper Cab
Wheel Base	Short
Drive System	LHD, 4 X 2
Application Engines	D6GA2B / D6GA224

Dimensions (mm)

Wheel Base		3,845
Overall (Chassis Cab / Cargo)	Length	6,865 / 7,010
	Width	2,255 / 2,420
	Height	2,585 / 2,660
Wheel Tread	Front / Rear	1,855 / 1,660
Overhang (Chassis Cab / Cargo)	Front	1,285 / 1,285
	Rear	1,735 / 1,880
Deck size (Cargo)	Length	4,600
	Width	2,280
	Height	400
	Floor Height	1,165
C.A (Cab to rear Axle)		2,915
C.E (Cab to end of frame)		4,570
Min. Ground Clearance		210
Min. Turning Radius	m	6.4

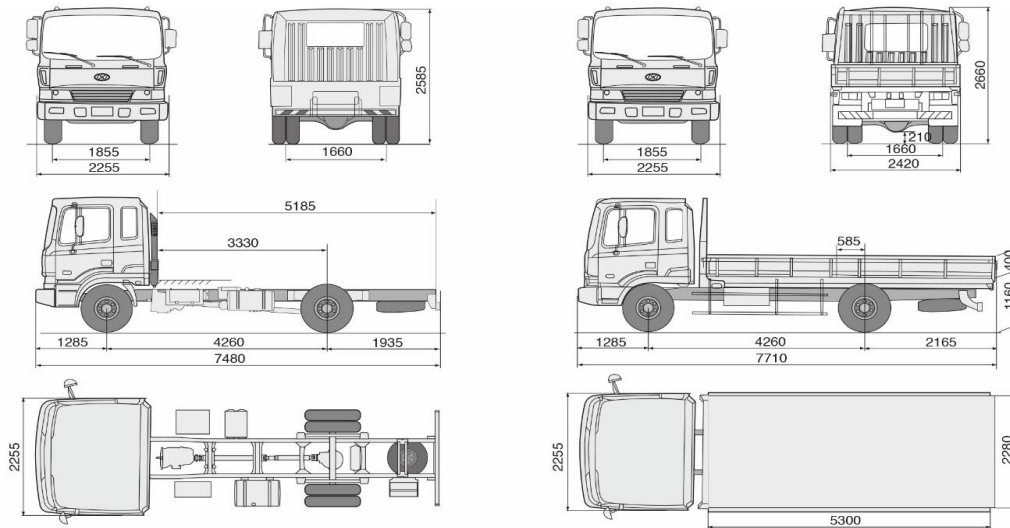
Weight (kg)

Curb Weight		4,150 / 4,810
(Chassis Cab/Cargo)	Front	2,600 / 2,670
	Rear	1,550 / 2,140
** Max Gross Vehicle Weight		12,520
	Front / Rear	3,720 / 8,800

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

HD120 Cargo Long Wheelbase

HYUNDAI HD Series



Vehicle Type

Cargo

Cab Type

Sleeper Cab

Wheel Base

Long

Drive System

LHD, 4 X 2

Application Engines

D6GA2B / D6GA224

Dimensions (mm)

Wheel Base		4,260
Overall (Chassis Cab / Cargo)	Length	7,480 / 7,710
	Width	2,255 / 2,420
	Height	2,585 / 2,660
Wheel Tread	Front / Rear	1,855 / 1,660
	Overhang (Chassis Cab / Cargo)	Front
		Rear
Deck size (Cargo)	Length	5,300
	Width	2,280
	Height	400
C.A (Cab to rear Axle)	Floor Height	1,160
	C.E (Cab to end of frame)	3,330
	Min. Ground Clearance	5,185
Min. Turning Radius	210	7.3

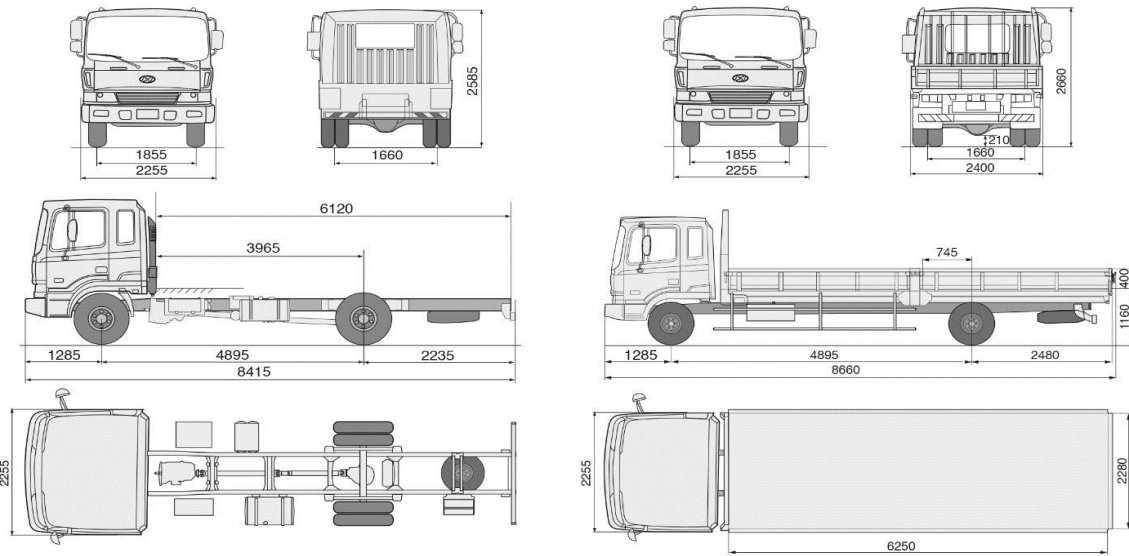
Weight (kg)

Curb Weight		4,220 / 5,215
(Chassis Cab/Cargo)	Front	2,700 / 2,855
	Rear	1,520 / 2,360
** Max Gross Vehicle Weight		12,520
	Front / Rear	3,720 / 8,800

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

HD120 Cargo Extra-Long Wheelbase

HYUNDAI HD Series



Vehicle Type	Cargo
Cab Type	Sleeper Cab
Wheel Base	Extra Long
Drive System	LHD, 4 X 2
Application Engines	D6GA2B / D6GA224 / D6GA25A

Dimensions (mm)

Wheel Base		4,895
Overall (Chassis Cab / Cargo)	Length	8,415 / 8,660
	Width	2,255 / 2,420
	Height	2,585 / 2,660
Wheel Tread	Front / Rear	1,855 / 1,660
Overhang	Front	1,285 / 1,285
(Chassis Cab / Cargo)	Rear	2,235 / 2,480
	Length	6,250
Deck size (Cargo)	Width	2,280
	Height	400
	Floor Height	1,160
C.A (Cab to rear Axle)		3,965
C.E (Cab to end of frame)		6,120
Min. Ground Clearance		210
Min. Turning Radius	m	8.2

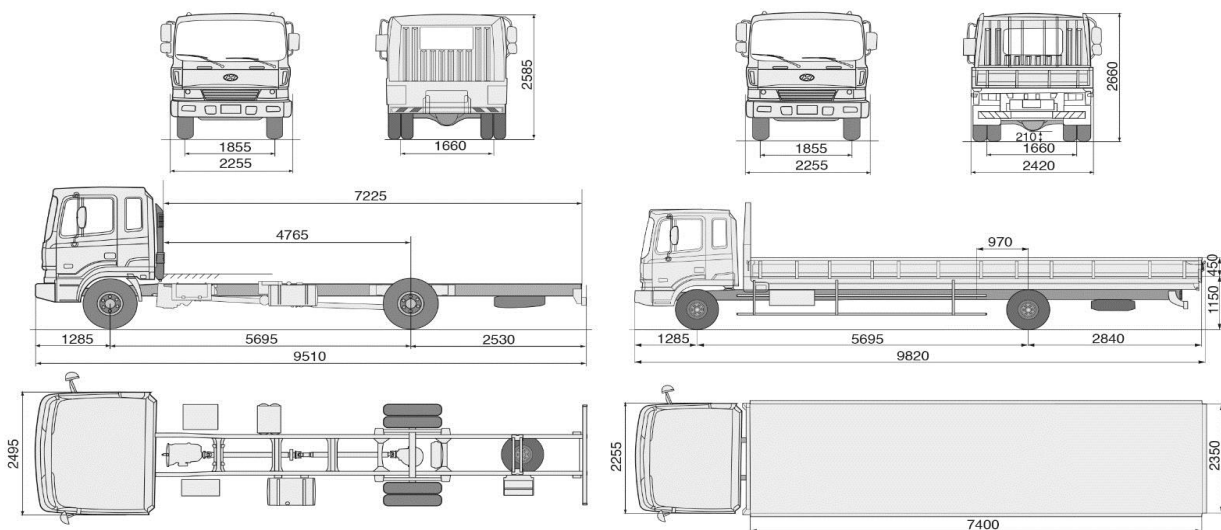
Weight (kg)

Curb Weight		4,305 / 5,335
(Chassis Cab/Cargo)	Front	2,755 / 2,935
	Rear	1,550 / 2,400
** Max Gross Vehicle Weight		12,520
	Front / Rear	3,720 / 8,800

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

HD120 Cargo Ultra-Long Wheelbase

HYUNDAI HD Series



Vehicle Type	Cargo
Cab Type	Sleeper Cab
Wheel Base	Ultra Long
Drive System	LHD, 4 X 2
Application Engines	D6GA2B / D6GA224

Dimensions (mm)

Wheel Base		5,695
Overall (Chassis Cab / Cargo)	Length	9,510 / 9,820
	Width	2,255 / 2,495
	Height	2,585 / 2,660
Wheel Tread	Front / Rear	1,855 / 1,660
	Overhang	
(Chassis Cab / Cargo)	Front	1,285 / 1,285
	Rear	2,530 / 2,840
Deck size (Cargo)	Length	7,400
	Width	2,350
	Height	400
	Floor Height	1,150
C.A (Cab to rear Axle)		4,765
C.E (Cab to end of frame)		7,225
Min. Ground Clearance		210
Min. Turning Radius	m	9.5

Weight (kg)

Curb Weight		4,500 / 5,530
(Chassis Cab/Cargo)	Front	2,880 / 3,005
	Rear	1,620 / 2,525
** Max Gross Vehicle Weight		13,300
	Front / Rear	4,500 / 8,800

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

Chassis Specifications

Engine

Model	D6GA2B	D6GA224	D6GA25A
Type		Turbo Charger Intercooler 4 Stroke-Cycle, Water Cooled, Direct-Injection Diesel Engine	
number of Cylinder		6 in-line	
Piston Displacement (cc)		5,899	
Bore x Stroke (mm)		103 x 118	
Compression Ratio		17.0 : 1	
Max. Power** (ps/rpm)	Euro II	225 / 2,500	-
	Euro III	225 / 2,500	-
	Euro IV	-	225 / 2,500
	Euro V	-	-
	Euro V	-	-
Max. Torque ** (kg.m/rpm)	Euro II	65 / 1,400	-
	Euro III	65 / 1,400	-
	Euro IV	-	65 / 1,400
	Euro V	-	-
	Euro V	-	-
Fuel Metering System	Injection pump	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	CD or above (API Classification)	CI-4 or above (API Classification)
	Battery	24V-100 or 120AH MF	
Electrical System	Alternator	24V-70A	
	Starter	24V-5.0KW	
	Valve System	Single OverHead Cam, 4 Valves per Cylinder	

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

Clutch

Type	Hydraulic Control, Diaphragm spring, Single dry plate, Pre-Damper
Facing Material	Non-Asbestos
Facing Size (mm) Outside dia x Inside dia	ø350 x ø240

HYUNDAI HD Series_HD120 Cargo

Transmission			
Engine		D6GA2B	D6GA224
Model		KH10	
Type		6 forward and 1 reverse speed, 2nd to 6th synchromesh, 1st & reverse constant-mesh gears	
	1st		6.967
	2nd		4.247
	3rd		2.454
Gear Ratio	4th		1.471
	5th		1.000
	6th		0.769
	Reverse		6.492
Gear Oil		GL-3(API Classification) or SAE80W90 (Tropical Zones: SAE90)	
T.G.S. (Transmission Gear Shift)		Floor shift, Mechanical remote control	
Rear Axle			
Type		Full floating type	
Capacity	kg	8,800	9,500
Final Reduction Gear	Type	Single Reduction, Hypoid gear	
	G/Ratio	3.909 / 4.333	
Front Axle			
Type		Reverse Elliot type " 1 " beam	
Capacity	kg	3,720 / 4,900 (U/LONG)	
Tire & Wheel			
Type		Single Front, Rear	
Tire	Front / Rear	8.25R 16 16PR or 8.25R 16 18PR or 245/70R 19.5	
Wheel	Front / Rear	6.00GS 16 SDC-127	
Steering			
Type		4-Spoke, Ball-Nut Type, Tilt & Telescopic Steering Column	
Turning Angle	Inner	49 ° / 51 ° (Ultra Long)	
	Outer	36 ° / 35 ° (Ultra Long)	
Service Brake			
Actuation		Full Air Wedge with spring load chamber	
Front Size	mm	ø360 x 160 x 16	
Rear Size	mm	ø360 x 160 x 16	
Adjuster		Auto Adjuster	

Parking Brake

Engine	D6GA2B	D6GA224	D6GA25A
Actuation	Spring loaded type, Chamber on the rear wheel		
Size (mm) (Drum dia. x Lining width x Lining thickness)	0360 x 160 x 16		

Auxiliary Brake

Exhaust Brake	Air operated, butterfly valve type
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Suspension

Type	Front Rear	Taper Spring Multi leaf
Shock absorber	Hydraulic double acting telescopic type on the front & rear axle	

Exhaust system

General	DOC	EGR + DOC + PMC
Tail pipe	Droptail type, blowing to chassis rearward	

Fuel tank

Capacity	200 liter (Short: 100 liter)
Material	100 liter (Steel), 200 liter (Aluminum)

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 : 240 x 80 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) For further information please contact the commercial vehicle export teams of HMC.
- 5) In order that product improvement may be introduced at any time, specifications are subject to change without prior notice.