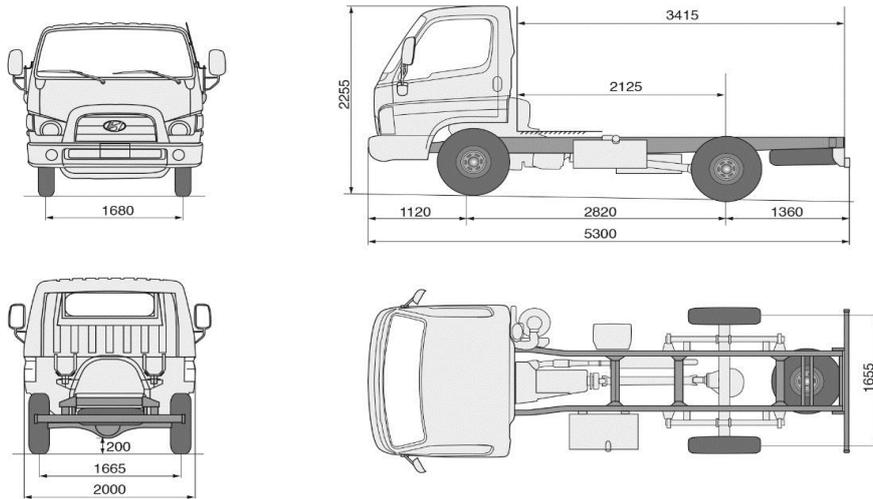


# HD55S Cargo Wide Short Wheelbase

HYUNDAI HD Series



	Width	Wide
Cab	Length	Standard
	Height	High
Wheel Base		Short
Drive System		4 X 2
Application Engines		D4DC / D4DB-d / D4GA
<b>Dimensions (mm)</b>		
Wheel Base		2,820
Overall (Chassis Cab)	Length	5,300
	Width	2,000
	Height	2,255
Wheel Tread	Front	1,680
	Rear	1,655
Overhang (Chassis Cab)	Front	1,120
	Rear	1,360
C.A (Cab to rear Axle)		2,125
C.E (Cab to end of frame)		3,415
Min. Ground Clearance		220
Min. Turning Radius	m	5.0
<b>Weight (kg)</b>		
Curb Weight		2,265
(Chassis Cab)	Front	1,515
	Rear	751
** Max Gross Vehicle Weight		5,500
	Front	2,500
	Rear	3,000

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

**Chassis Specifications**

**Engine**

Model		D4DC	D4DB-d	D4GA14
Type		Natural Aspiration	Turbo Charger Intercooler	
		4 stroke-cycle, water-cooled, direct-injection diesel engine		
number of Cylinder			4 in-line	
Piston Displacement (cc)		3,907		3,933
Bore x Stroke (mm)		Ø104 x 115		Ø103 x 118
Compression Ratio		18.1 : 1	18.0 : 1	17.0 : 1
Max. Power (ps/rpm)	EURO I	120 / 3,200	-	-
	EURO II	-	120 / 2,900	-
	EURO IV	-	-	140 / 2,800
	EURO I	30 / 2,000	-	-
Max. Torque (kg.m/rpm)	EURO II	-	30 / 2,000	-
	EURO IV	-	-	38 / 1,600
Fuel Metering System	Injection pump	In-line System		Common Rail System
	Governor	All speed type		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	Oil filter	Forced lubrication by gear pump		
	Oil cooler	Full flow filter with paper element		
	Oil grade	CF-4 or above (API Classification)		CI-4 or above
	Battery		24V-90AH MF	
Electrical System	Alternator	24V - 40A		24V - 55A
	Starter		24V - 5.0kW	
Timing System		OverHead Valve, 2 Valves per Cylinder		Single 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. x Inside dia.	Ø275 x 0180		Ø362 x 0236

**Transmission**

Model		M355	M03555
Type		5 Speed Manual	
Gear Ratio	1st	5.181	5.380
	2nd	2.865	3.028
	3rd	1.593	1.700
	4th	1.000	1.000
	5th	0.739	0.722
	6th	-	-
	Reverse	5.181	5.380
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	4,200
Final Reduction Gear	Type	Single Reduction, Hypoid gear
	G/Ratio	5.000 / 5.714
Front Axle		
Type		Reverse Elliot type " 1 " beam
Capacity	kg	2,600
Tire & Wheel		
Type		Single Front, Dual Rear
Tire	Front / Rear	7.00R 16 10PR
Wheel	Front/ Rear	5.50 F x 16 SDC-115 / 6.00 GS x 16 SDC-127
Steering		
Type		2-Spoke, Ball-nut type, Tilt & Telescopic steering column
Tilting Angle		55.5° ~ 62.2°
Turning Angle	Inner	44°
	Outer	34°
Service Brake		
Actuation		Hydraulic with vacuum servo assistance, dual circuit
Size (mm)	Front / Rear	Ø320 x 85 x 10
Adjuster		Auto adjuster (OPT)
Parking Brake		
Actuation		Internal expanding type on propellarshaft at the rear of transmission assy
Size (mm)		0180 x 35 x 5 (M*SS T/M), 0190 x 45 x 4 (M035SS T/M)
Auxiliary Brake		
Exhaust Brake		Vacuum operated, butterfly valve type (OPT)
Suspension		
Type		Semi-elliptic, laminated leaf springs with shock absorber
Shock absorber		Hydraulic double acting telescopic type on the front/rear axle

<b>Exhaust system</b>			
Application Engines	<b>D4DC</b>	<b>D4DB-d</b>	<b>D4GA14</b>
Type		-	DOC
Air cleaner type	Droptail type, blowing to chassis rearward		
<b>Fuel tank</b>			
Capacity		100 ℓ	
Material		Steel	
<b>Frame</b>			
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 : 183 x 60 x 6t		

**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.