

PAVISE D1 4x2 Cargo Short Wheelbase

Vehicle Type	Cargo				
Cab Type	Sleeper Cab				
Deck Height	High				
Wheel Base	Short				
Drive System	LHD / RHD, 4 X 2				
Application Engines	D6GA2B	D6GA224	D6GA2E	D6GA253	
Dimensions (mm)					
Wheel Base	3,900				
Overall (Chassis Cab / Cargo)	Length	7,015 / 7,135			
	Width	2,320 / 2,420			
	Height	STD	2605 / 2,685		
		HIGH	2,795 / 2,865		
Wheel Tread	Front / Rear	ST 1,935 / 1,800 AL 1,945 / 1,813			
Overhang	Front	1,415 / 1,415			
(Chassis Cab / Cargo)	Rear	1,150 / 1,785			
Deck size (Cargo)	Length	4,600			
	Width	2,280			
	Height	400			
	Floor Height	1,150			
	Deck Offset	575			
	C.A (Cab to rear Axle)	3,010			
	C.E (Cab to end of frame)	4,670			
	Min. Ground Clearance	205			
Min. Turning Radius	m	0.0			
Weight (kg)					
Curb Weight		4,840 / 5,585	4,895 / 5,640	4,895 / 5,640	4,840 / 5,585
(Chassis Cab/Cargo)	Front	3,280 / 3,400	3,315 / 3,435	3,315 / 3,435	3,280 / 3,400
	Rear	1,560 / 2,185	1,580 / 2,205	1,580 / 2,205	1,560 / 2,185
** Max Gross Vehicle Weight		15,500			
	Front / Rear	6,000 / 9,500			

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

PAVISE D1 4x2 Cargo Long Wheelbase

Vehicle Type	Cargo				
Cab Type	Sleeper Cab				
Deck Height	High				
Wheel Base	Long				
Drive System	LHD / RHD, 4 X 2				
Application Engines	D6GA2B	D6GA224	D6GA253	D6GA25A	
Dimensions (mm)					
Wheel Base	4,300				
Overall (Chassis Cab / Cargo)	Length	7,665 / 7,835			
	Width	2,320 / 2,420			
	Height	STD	2605 / 2,685		
		HIGH	2,795 / 2,865		
Wheel Tread	Front / Rear	ST 1,935 / 1,800 AL 1,945 / 1,813			
Overhang (Chassis Cab / Cargo)	Front	1,415 / 1,415			
	Rear	1,950 / 2,085			
Deck size (Cargo)	Length	5,300			
	Width	2,280			
	Height	400			
	Floor Height	1,150			
Deck Offset	625				
C.A (Cab to rear Axle)	3,410				
C.E (Cab to end of frame)	5,320				
Min. Ground Clearance	205				
Min. Turning Radius	m	0.0			
Weight (kg)					
Curb Weight (Chassis Cab/Cargo)	Front	4,875 / 0,000	4,925 / 5,820	4,875 / 0,000	5,000 / 5,895
	Rear	3,350 / 3,490	3,385 / 3,525	3,350 / 3,490	3,450 / 3,590
** Max Gross Vehicle Weight		1,525 / 2,280	1,540 / 2,295	1,525 / 2,280	1,550 / 2,305
	Front / Rear	15,500			
		6,000 / 9,500			

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

PAVISE D1 4x2 Cargo Extra Long Wheelbase

Vehicle Type				Cargo		
Cab Type				Sleeper Cab		
Deck Height				High		
Wheel Base				Extra Long		
Drive System				LHD / RHD, 4 X 2		
Application Engines		D6GA2B	D6GA224	D6GA2E	D6GA253	D6GA25A
Dimensions (mm)						
Wheel Base				4,900		
Overall (Chassis Cab / Cargo)	Length			8,615 / 8,785		
	Width			2,320 / 2,420		
	Height	STD		2,605 / 2,685		
Wheel Tread	Front / Rear			ST 1,935 / 1,800 AL 1,945 / 1,813		
Overhang (Chassis Cab / Cargo)	Front			1,415 / 1,415		
	Rear			2,300 / 2,435		
Deck size (Cargo)	Length			6,250		
	Width			2,280		
	Height			400		
	Floor Height			1,150		
Deck Offset			750			
C.A (Cab to rear Axle)			4,010			
C.E (Cab to end of frame)			6,270			
Min. Ground Clearance			205			
Min. Turning Radius	m	0.0				
Weight (kg)						
Curb Weight		5,065 / 6,070	5,125 / 6,130	5,065 / 6,070	5,065 / 6,070	5,200 / 6,205
(Chassis Cab/Cargo)	Front	3,405 / 3,570	3,450 / 3,615	3,405 / 3,570	3,405 / 3,570	3,520 / 3,685
	Rear	1,660 / 2,500	1,675 / 2,515	1,660 / 2,500	1,660 / 2,500	1,680 / 2,520
** Max Gross Vehicle Weight				15,500		
	Front / Rear			6,000 / 9,500		

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

PAVISE D1 4x2 Cargo Ultra Long Wheelbase

Vehicle Type				Cargo		
Cab Type				Sleeper Cab		
Deck Height				High		
Wheel Base				Extra Long		
Drive System				LHD / RHD, 4 X 2		
Application Engines		D6GA2B	D6GA224	D6GA2E	D6GA253	D6GA25A
Dimensions (mm)						
Wheel Base				5,700		
		Length		9,765 / 9,955		
		Width		2,320 / 2,495		
Overall (Chassis Cab / Cargo)		Height	STD	2605 / 2,685		
			HIGH	2,795 / 2,865		
Wheel Tread		Front / Rear		ST 1,935 / 1,800 AL 1,945 / 1,813		
Overhang		Front		1,415 / 1,415		
(Chassis Cab / Cargo)		Rear		2,650 / 2,775		
		Length		7,400		
Deck size (Cargo)		Width		2,350		
		Height		400		
		Floor Height		1,150		
	Deck Offset			975		
	C.A (Cab to rear Axle)			4,810		
	C.E (Cab to end of frame)			7,420		
	Min. Ground Clearance			205		
Min. Turning Radius	m		0.0			
Weight (kg)						
Curb Weight			5,275 / 6,570	5,325 / 6,620	5,325 / 6,620	5,325 / 6,620 5,400 / 6,695
(Chassis Cab/Cargo)		Front	3,525 / 3,760	3,560 / 3,795	3,560 / 3,795	3,560 / 3,795 3,630 / 3,865
		Rear	1,750 / 2,810	1,765 / 2,825	1,765 / 2,825	1,765 / 2,825 1,770 / 2,830
** Max Gross Vehicle Weight				15,500		
		Front / Rear		6,000 / 9,500		

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

HYUNDAI HD Series_Pavise Cargo

Calculated Performance

Wheel Base	Short				Long				Extra Long				Ultra Long						
Application Engines	D6GA2B	D6GA224	D6GA2E	D6GA253	D6GA2B	D6GA224	D6GA253	D6GA25A	D6GA2B	D6GA224	D6GA2E	D6GA253	D6GA25A	D6GA2B	D6GA224	D6GA2E	D6GA253	D6GA25A	
Max. Speed	km/h	116	116	134.5	134.5	116	116	134.5	134.5	116	116	134.5	134.5	134.5	116	116	134.5	134.5	134.5
Max. Gradeability	tan0	0.268	0.268	0.336	0.336	0.268	0.268	0.336	0.306	0.268	0.268	0.336	0.336	0.306	0.268	0.268	0.336	0.336	0.306

Chassis Specifications

Engine

Model	D6GA2B	D6GA224	D6GA2E	D6GA253	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	-	-	255 / 2,500
	Euro III	225 / 2,500	-	-	255 / 2,500
	Euro IV	-	225 / 2,500	255 / 2,500	-
	Euro V	-	-	-	250 / 2,500
	Euro V	65 / 1,400	-	-	95 / 1,400
Max. Torque ** (kg.m/rpm)	Euro III	65 / 1,400	-	-	95 / 1,400
	Euro IV	-	65 / 1,400	95 / 1,400	-
	Euro V	-	-	-	87 / 1,400
	Euro V	-	-	-	-
	Euro V	-	-	-	-
Fuel Metering System			Common Rail System Electrical Type by ECU		
Governor			Spin-on type		
Fuel filter			Water-Cooling, Forced circulation by centrifugal water pump		
System			Auto Clutched Type		
Cooling System			Corrugated fin and tube type with pressure cap and condenser tank		
Cooling Fan			Forced Lubrication Oil by gear pump		
Radiator			Full flow filter with paper element		
System			Shell & Plate		
Lubrication System		CD or above (API Classification)	CI-4 or above (API Classification)		
Oil Filter			24V-120AH MF (100AH Australia option)		
Oil Cooler			24V-70A (90A Australia option)		
Oil Grade			24V-5.0KW		
Battery			Single OverHead Cam, 4 Valves per Cylinder		
Alternator					
Starter					
Valve System					

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

Clutch

Type	Hydraulic Control(Air assisted), Diaphragm spring, Single dry plate, Pre-Damper
Facing Material	Non-Asbestos
Facing Size (mm) Outside dia x Inside dia	#395 x #240 (KH10 변속기 적용시 #380 x #240)

HYUNDAI HD Series_Pavlse Cargo

Transmission

Engine	D6GA2B	D6GA224	D6GA2E	D6GA253	D6GA25A
Model (OPTION)	KH10	KH10	T9556 (ZF12AS1210T0)	T9556	T8556 (ZF12AS1210T0)
Type		6 forward and 1 reverse speed, 2nd to 6th synchromesh, 1st & reverse constant-mesh gears			
	1st	6.967	6.967	6.580	10.37 / 8.43
	2nd	4.247	4.247	3.922	6.49 / 5.27
	3rd	2.454	2.454	2.257	4.18 / 3.40
Gear Ratio	4th	1.471	1.471	1.441	2.48 / 2.02
	5th	1.000	1.000	1.000	1.55 / 1.26
	6th	0.769	0.769	0.735	1.00 / 81
	Reverse	6.492	6.492	6.061	10.56/8.58
Gear Oil			GL-3(API Classification) or SAE80W90 (Tropical Zones: SAE90)		
T.G.S. (Transmission Gear Shift)			Floor shift, Mechanical remote control		

Propellershaft

Model	D53500(Ultra-Long)	D53500	D53500
Type		Tubular, Forged steel ends	
Size (diameter x Thickness)	D53500 : ϕ 101.6 x 3t		ϕ 101.6 x 3t

Rear Axle

Model	D50HS	R150HS	R150HS
Type		Full floating type	
Capacity	kg	8,200	9,500
Final Reduction Gear	Type	Single Reduction, Hypoid gear	
	G/Ratio	4.333	3.909 / 4.111
Gear Oil		GL-5 (API Classification) or 80W/90 (SAE Classification)	

Front Axle

Type	Reverse Elliot type * 1 " beam
Capacity	kg
	4,900 / 6,000

Tire & Wheel

Type	Single Front, Rear
Tire	Front, Rear : 245/70R19.5-14PR, 245/70R19.5-16PR, 245/70R19.5-18PR
Wheel	Front, Rear : 19.5X6.75

Steering

Type	4-Spoke, Ball-Nut Type, Tilt & Telescopic Steering Column
Steering Wheel	Manual
Diameter (mm)	Power
Tilting Angle	450
Telescopic Stroke	18 °
Overall Steering Gear Ratio	65
Turning Angle	22.4
	50 °
	35 ° (Dump, short) / 38 ° (Medium이상)

Service Brake

Actuation	DRUM : Full Air S-CAM Brake with diaphragm chamber / DISC : Full Air Disc Brake with diaphragm
Front Size	mm
Rear Size	mm
Vacuum reservior	DRUM : ϕ 360 x 160 x 16 / DISC : ϕ 375 x 45
Adjuster	DRUM : ϕ 360 x 160 x 16 / DISC : ϕ 375 x 45
	-
	Auto Adjuster

HYUNDAI HD Series_Pavise Cargo

Parking Brake			D6GA2B	D6GA224	D6GA2E	D6GA253	D6GA25A
Engine							
Actuation					Spring Chamber		
Size (mm) (Drum dia. x Lining width x Lining thickness)					ø360 x 160 x 16		
Auxiliary Brake							
Exhaust Brake					Air operated, butterfly valve type		
Suspension							
Type	Front				Multi Spring		
	Rear				Multi Spring		
Spring Size (Length x Width x Thickness Number of leaves)	Front				1500 x 80 x 70㎜(14t-3,12t-3, 11t-1)		
	Rear	Main Helper			1300 x 70 x 10㎜(12t-2,11t-8)		
					920 x 70 x 6㎜(11t-6)		
Shock absorber					Hydraulic double acting telescopic type on the front & rear axle		
Cooling system							
Radiator	Type				Tube & Corrugated fin type		
	Size (mm)				삭재요망		
Cooling Fan					Auto clutched type viscos fan		
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		
Exhaust system							
General					EGR + DOC + PMC		
Tail pipe					Droptail type, blowing to chassis rearward		
Fuel tank							
Capacity					200L (s) / 250L (p) (Short : 140L)		
Material					140 liter (Steel), 200 liter (Steel), 250 liter (Aluminum)		
Frame							
Type					"C" type frame with channel sectional side rail & cross members, side rail is reinforced with inner stiffeners		
Main section side rail dimension (mm)					Depth x Flange x Thickness : 240 x 80 x 7t		

HYUNDAI HD Series_Pavise Cargo

Electrical system Specification

Electrical Equipments

Head lamps	M.F.R type (Multi-focus reflection)
Front combination lamps	Turn signal / Hazard-Amber, Position- White
Front Fog lamps	White
Front End outline maker lamps	White
Rear combination lamps	Turn signal / Hazard-Amber, Tail / Stop-Red
Rear Fog lamps	Red
Rear End outline maker lamps	Red
Rear Side maker lamps	Red
Daytime running light lamps	White (Only Europe)
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/ Air/ Tachometer
Warning lamps & indicators	Turn signals & Hazard/ Parking Brake/ Oil Pressure/ Door opening/ Charging/ Main beam/ Cab tilt lock/ Seat belt/ Exhaust brake/ Preheating/ Brake air/ OBD indicator(Euro4~, Except w/o OBD Nations)
Horn	Single, electric flat type

Body

Cab

Type	Manual cab tilting with torsion bar, All Steel welded construction with safety zone design
Mounting	Semi floating
Windshield	One piece type with laminated glass
Windshield Wipers	Dual electric three speed(intermittnt/slow/fast) wipers & washer
Driver's Seat	Urethane foam cushioned adjustable to the front & rear/ reclining, semi cloth or simulated leather material
Passenger's seat	Semi cloth or Simulated leather material

Deck type

General	Wooden body reinforced by steel structure
Floor Cross sill	Steel square tube
Floor Board	Wood plate (Apiton)
Floor Frame	Bended steel (Angle)
Guard frame	Bended steel structure
Side & Rear gate	Steel panel

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.

PAVISE D2 4x2 Cargo Short Wheelbase

Vehicle Type	Cargo	
Cab Type	Sleeper Cab	
Deck Height	High	
Wheel Base	Short	
Drive System	LHD / RHD, 4 X 2	
Application Engines	D6GA2E	D6GA253

Dimensions (mm)

Wheel Base		3,900
Overall (Chassis Cab / Cargo)	Length	7,015 / 7,135
	Width	2,400 / 2,420
	Height	STD 2,735 / 2815 HIGH 2,925 / 2,995
Wheel Tread	Front / Rear	ST 1,978 / 1,800 AL 1,995 / 1,813
Overhang (Chassis Cab / Cargo)	Front	1,415 / 1,415
	Rear	1,150 / 1,785
Deck size (Cargo)	Length	4,600
	Width	2,280
	Height	400
	Floor Height	1,235
Deck Offset		575
C.A (Cab to rear Axle)		3,010
C.E (Cab to end of frame)		4,670
Min. Ground Clearance		305
Min. Turning Radius	m	0.0

Weight (kg)

Curb Weight		5,185 / 5,930	5,185 / 5,930
(Chassis Cab/Cargo)	Front	3,480 / 3,600	3,480 / 3,600
	Rear	1,705 / 2,330	1,705 / 2,330
** Max Gross Vehicle Weight		17,000	
	Front / Rear	7,500 / 9,500	

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

PAVISE D2 4x2 Cargo Long Wheelbase

Vehicle Type	Cargo		
Cab Type	Sleeper Cab		
Deck Height	High		
Wheel Base	Long		
Drive System	LHD / RHD, 4 X 2		
Application Engines	D6GA2E	D6GA253	D6GA28A

Dimensions (mm)

Wheel Base		4,300		
Overall (Chassis Cab / Cargo)	Length	7,665 / 7,835		
	Width	2,400 / 2,420		
	Height	STD	2,735 / 2815	
		HIGH	2,925 / 2,995	
Wheel Tread	Front / Rear	ST 1,978 / 1,800 AL 1,995 / 1,813		
Overhang (Chassis Cab / Cargo)	Front	1,415 / 1,415		
	Rear	1,950 / 2,085		
Deck size (Cargo)	Length	5,300		
	Width	2,280		
	Height	400		
	Floor Height	1,150		
Deck Offset		625		
C.A (Cab to rear Axle)		3,410		
C.E (Cab to end of frame)		5,320		
Min. Ground Clearance		305		
Min. Turning Radius	m	0.0		

Weight (kg)

Curb Weight		5,215 / 6,110	5,215 / 6,110	5,340 / 6,235
(Chassis Cab/Cargo)	Front	3,520 / 3,660	3,520 / 3,660	3,620 / 3,760
	Rear	1,695 / 2,450	1,695 / 2,450	1,720 / 2,475
** Max Gross Vehicle Weight		17,000		
	Front / Rear	7,500 / 9,500		

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

PAVISE D2 4x2 Cargo Extra Long Wheelbase

Vehicle Type	Cargo		
Cab Type	Sleeper Cab		
Deck Height	High		
Wheel Base	Extra Long		
Drive System	LHD / RHD, 4 X 2		
Application Engines	D6GA2E	D6GA253	D6GA28A

Dimensions (mm)

Wheel Base			4,900
Overall (Chassis Cab / Cargo)	Length		8,615 / 8,785
	Width		2,400 / 2,420
	Height	STD	2,735 / 2815
		HIGH	2,925 / 2,995
Wheel Tread	Front / Rear		ST 1,978 / 1,800 AL 1,995 / 1,813
Overhang (Chassis Cab / Cargo)	Front		1,415 / 1,415
	Rear		2,300 / 2,435
Deck size (Cargo)	Length		6,250
	Width		2,280
	Height		400
	Floor Height		1,150
Deck Offset			750
C.A (Cab to rear Axle)			4,010
C.E (Cab to end of frame)			6,270
Min. Ground Clearance			305
Min. Turning Radius	m	0.0	

Weight (kg)

Curb Weight		5,470 / 6,475	5,470 / 6,475	5,595 / 6,600
(Chassis Cab/Cargo)	Front	3,585 / 3,750	3,585 / 3,750	3,690 / 3,855
	Rear	1,885 / 2,725	1,885 / 2,725	1,905 / 2,745
** Max Gross Vehicle Weight			17,000	
	Front / Rear		7,500 / 9,500	

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

PAVISE D2 4x2 Cargo Ultra Long Wheelbase

Vehicle Type	Cargo		
Cab Type	Sleeper Cab		
Deck Height	High		
Wheel Base	Extra Long		
Drive System	LHD / RHD, 4 X 2		
Application Engines	D6GA2E	D6GA253	D6GA28A

Dimensions (mm)

Wheel Base			5,700
Overall (Chassis Cab / Cargo)	Length		9,765 / 9,955
	Width		2,320 / 2,495
	Height	STD	2,735 / 2815
		HIGH	2,925 / 2,995
Wheel Tread	Front / Rear		ST 1,978 / 1,800 AL 1,995 / 1,813
Overhang (Chassis Cab / Cargo)	Front		1,415 / 1,415
	Rear		2,650 / 2,775
Deck size (Cargo)	Length		7,400
	Width		2,350
	Height		400
	Floor Height		1,150
	Deck Offset		975
	C.A (Cab to rear Axle)		4,810
	C.E (Cab to end of frame)		7,420
	Min. Ground Clearance		305
Min. Turning Radius	m	0.0	

Weight (kg)

Curb Weight		5,625 / 6,920	0,000 / 0,000	5,750 / 7,045
(Chassis Cab/Cargo)	Front	3,700 / 3,935	0,000 / 0,000	3,805 / 4,040
	Rear	1,925 / 2,985	0,000 / 0,000	1,945 / 3,005
** Max Gross Vehicle Weight			17,000	
	Front / Rear		7,500 / 9,500	

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

HYUNDAI HD Series_Pavise D2 Cargo

Calculated Performance

Wheel Base		Short			Long			Extra Long			Ultra Long		
Application Engines		D6GA2E	D6GA253	D6GA2E	D6GA253	D6GA28A	D6GA2E	D6GA253	D6GA28A	D6GA2E	D6GA253	D6GA28A	
Max. Speed	km/h	127.9			127.9			127.9			127.9		
Max. Gradeability	tan0	0.322			0.322			0.322			0.322		

Chassis Specifications

Engine

Model		D6GA2E	D6GA253	D6GA28A
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	-	255 / 2,500	-
	Euro III	-	255 / 2,500	-
	Euro IV	255 / 2,500	-	-
	Euro V	-	-	280 / 2,500
	Euro II	-	95 / 1,400	-
Max. Torque ** (kg.m/rpm)	Euro III	-	95 / 1,400	-
	Euro IV	95 / 1,400	-	-
	Euro V	-	-	95 / 1,400
	Injection pump		Common Rail System	
Fuel Metering 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)		
Electrical System	Battery		24V-120AH MF (100AH Australia option)	
	Alternator		24V-70A (90A Australia option)	
	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(Air assisted), Diaphragm spring, Single dry plate, Pre-Damper
Facing Material	Non-Asbestos
Facing Size (mm) Outside dia x	ø395 x ø240
Inside dia	(KH10 변속기 적용시 ø380 x ø240)

HYUNDAI HD Series_Pavise D2 Cargo

Transmission

Engine	D6GA2E	D6GA253	D6GA28A
Model (OPTION)	T9556 (ZF12AS1210T0)	T9556	T8556 (ZF12AS1210T0)
Type	6 forward and 1 reverse speed, 2nd to 6th synchronmesh, 1st & reverse constant-mesh gears		
Gear Ratio	1st	6.967	6.580
	2nd	4.247	3.922
	3rd	2.454	2.257
	4th	1.471	1.441
	5th	1.000	1.000
	6th	0.769	0.735
	Reverse	6.492	6.061
Gear Oil	GL-3(API Classification) or SAE80W90 (Tropical Zones: SAE90)		
T.G.S. (Transmission Gear Shift)	Floor shift, Mechanical remote control		

Propellershaft

Model	DS3500
Type	Tubular, Forged steel ends
Size (diameter x Thickness)	ø101.6 x 3t

Rear Axle

Model	R160HS
Type	Full floating type
Capacity	kg 9500
Final Reduction Gear	Type Single Reduction, Hypoid gear
	G/Ratio 4.111 / 3.909
Gear Oil	GL-5 (API Classification) or 80W/90 (SAE Classification)

Front Axle

Type	Reverse Elliot type " I " beam
Capacity	kg 7,500

Tire & Wheel

Type	Single Front, Rear
Tire	Front / Rear nt : 295/80R22.5-16PR, 315/70R22.5-18PR Rear : 245/70R19.5-14PR,245/70R19.5-16PR,245/70R19.5-18PR,295/80R22.5-16PR
Wheel	Front / Rear Front : 8.25X22.5, 22.5X9.00, 19.5X6.75 / Rear : 8.25X22.5, 19.5X6.75

Steering

Type	4-Spoke, Ball-Nut Type, Tilt & Telescopic Steering Column
Steering Wheel	Manual -
Diameter (mm)	Power 450
Tilting Angle	18 °
Telescopic Stroke	mm 65mm
Overall Steering Gear Ratio	24.9
Turning Angle	Inner 44 ° / 46.5 °(ULP-EX3)
	Outer 34 ° / 35.5 °(ULP-EX3)

Service Brake

Actuation	
Front Size	mm ø410 x 156 x 16
Rear Size	mm ø360 x 160 x 16
Vacuum reservior	
Adjuster	Auto Adjuster

HYUNDAI HD Series_Pavise D2 Cargo

Parking Brake

Engine	D6GA2E	D6GA253	D6GA28A
Actuation		Spring Chamber	
Size (mm) (Drum dia. x Lining width x Lining thickness)		ø360 x 160 x 16	

Auxiliary Brake

Exhaust Brake	Air operated, butterfly valve type
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Suspension

Type	Front		Mutli Spring
	Rear		Mutli Spring
Spring Size (Length x Width x Thickness Number of leaves)	Front		1500 x 80 x 8매(14t-2, 15t-6)
	Rear	Main Helper	1300 x 70 x 12매(14t-4, 13t-2, 12t-5, 11t-1) 900 x 70 x 5매(13t-3, 12t-2)
Shock absorber	Hydraulic double acting telescopic type on the front & rear axle		

Cooling system

Radiator	Type	Tube & Corrugated fin type
	Size (mm)	삭제요망
Cooling Fan	Auto clutched type viscos fan	

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

Exhaust system

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

Fuel tank

Capacity	200L (s) / 250L (p) (Extra-long/Ultra-long : 200L + 200L Opt)
Material	200 liter (Steel), 250 liter (Aluminum)

Frame

Type	"C" type frame with channel sectional side rail & cross members, side rail is reinforced with inner stiffeners
Main section side rail dimension (mm)	Depth x Flange x Thickness : 240 x 80 x 7t

HYUNDAI HD Series_Pavise D2 Cargo

Electrical system Specification

Electrical Equipments

Head lamps	M.F.R type (Multi-focus reflection)
Front combination lamps	Turn signal / Hazard-Amber, Position- White
Front Fog lamps	White
Front End outline maker lamps	White
Rear combination lamps	Turn signal / Hazard-Amber, Tail / Stop-Red
Rear Fog lamps	Red
Rear End outline maker lamps	Red
Rear Side maker lamps	Red
Daytime running light lamps	White (Only Europe)
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/ Air/ Tachometer
Warning lamps & indicators	Turn signals & Hazard/ Parking Brake/ Oil Pressure/ Door opening/ Charging/ Main beam/ Cab tilt lock/ Seat belt/ Exhaust brake/ Preheating/ Brake air/ OBD indicator(Euro4~, Except w/o OBD Nations)
Horn	Single, electric flat type

Body

Cab

Type	Manual cab tilting with torsion bar, All Steel welded construction with safety zone design
Mounting	Semi floating
Windshield	One piece type with laminated glass
Windshield Wipers	Dual electric three speed(intermittnt/slow/fast) wipers & washer
Driver's Seat	Urethane foam cushioned adjustable to the front & rear/ reclining, semi cloth or simulated leather material
Passenger's seat	Semi cloth or Simulated leather material

Deck type

General	Wooden body reinforced by steel structure
Floor Cross sill	Steel square tube
Floor Board	Wood plate (Apiton)
Floor Frame	Bended steel (Angle)
Guard frame	Bended steel structure
Side & Rear gate	Steel panel

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.