



AERO TOWN

DIMENSION (mm)			
Overall Length		8,930	
Overall Width		2,245	
Overall Height		1,965	
Wheel Base		4,390	
Wheel tread	Front	1,910	
	Rear	1,730	
Overhang	Front	1,815	
	Rear	2,725	
Minimum Ground Clearance		200	
WEIGHT (Kg)			
Engine	Model	D6BR	D6GA
Empty Vehicle Weight		3,800	3,990 (Manual Transmission) / 4,070 (Auto Transmission)
Gross Vehicle Weight*		11,780	
	Front	3,300	
	Rear	8,480	
ENGINE			
Displacement (cc)		7,545	5,899
Bore x Stroke (mm)		118 x 115	103 x 118
Number of Cylinder		6 in-line	
Type		Natural Aspiration	Turbo Charger, Intercooler
Max. Power** (ps/rpm)	General	185 / 2,900	-
	Euro I	167 / 2,900	-
	Euro II	-	225 / 2,500
	Euro III	-	225 / 2,500
	Euro IV / V (Temperate Region)	-	225 / 2,500 (Manual Transmission)
Max. Torque** (kg.m/rpm)	General	49 / 1,400	-
	Euro I	45 / 1,400	-
	Euro II	-	65 / 1,400
	Euro III	-	65 / 1,400
	Euro IV / V (Temperate Region)	-	70 / 1,400 (Manual Transmission)
Electrical System	Battery	24V-120AH at 20hr rate(24V-150AH: Cold Region only)	
	Alternator	24V-70A (120A: OPT)	24V-140A
	Starter	24V-5.0 KW / 24V-5.5 KW (Euro IV / V)	
Cooling System	General	Wax-pellet & bottom bypass type with thermostat, Water-cooling, Forced circulation bt centrifugal water pump	
	Radiator	Corrugated fin and tube type with pressure cap and condenser tank	

TRANSMISSION		D6BR	D6GA	
Model		K505A (D.D)	KH-10R (D.D)	S2500 (ATM)
Type		5 forward and 1 reverse speed, 2nd to 5th synchromesh 1st & reverse constant-mesh gears		
Gear ratio	1st	7.216	6.967	3.510
	2nd	4.629	4.247	1.900
	3rd	2.582	2.454	1.440
	4th	1.479	1.471	1.000
	5th	1.000	1.000	0.740
	6th	-	-	0.640
	Reverse	7.216	6.492	5.090
T.G.S (Transmission Gear Shift)		Floor shift, Mechanical remote control		
REAR AXLE				
Model		D4H	D4H-II	
Type		Full floating type		
Capacity (Kg)		8,800		
Final Reduction Gear	Type	Single Reduction, spiral bevel gear		
	Ratio	3.909 / 4.444	3.636 / 3.909	
FRONT AXLE				
Type		Reverse Elliot "I" beam		
Capacity (Kg)		3,300		
SUSPENSION				
Tire	Front / Rear	245 / 70R 19.5		
Spring	Type	Rolling robe, air spring with leaf spring / long taper spring		
Stabilizer bar	Front / Rear	Torsion bar type		
Shock absorber		Hydraulic double acting telescopic type on the front & rear axles		
BRAKE				
Service Brake		Air over Hydraulic, dual circuit / Full air (D6GA Euro II / III : OPT, Euro IV / V : STD)		
Parking Brake		Integral expanding type on propellershaft at the rear of transmission for AOH Spring loaded type parking brake on the rear wheels for full air brake		
Exhaust Brake		Air operated, butterfly valve type		
FUEL TANK				
Capacity		200 ℓ (Steel)		
FRAME				
Type		Semi-monocoque (Front, Rear & Extension frame)		
Main section side rail (mm)		Front : 163 x 60 x 6t / Rear : 160 x 60 x 7t		

* Max.GVV includes the front & rear axle loads based on the permissible tire load.
** Max. power and torque of engine specifications may vary according to each country.

INSTRUMENTS GROUPED ON DASH PANEL

METERS AND GAUGES :

Speedometer with odometer / Voltage meter / Coolant temperature gauge / Fuel gauge / Oil pressure gauge / Engine tachometer / Air pressure gauge

WARNING AND INDICATOR LAMPS :

Oil pressure warning lamp & buzzer / Coolant level pilot lamp & buzzer / Air pressure warning lamp & buzzer / Battery charging warning lamp / Beam indicator lamp / Directional indicator & hazard pilot lamp / Parking brake warning lamp / Exhaust brake indicator / Overheat warning lamp & buzzer

SWITCHES :

Battery relay switch / Lighting directional indicator & dimmer switch / Starter switch / Wiper & washer switch / Hazard lamp switch / Warning lamp check switch / Exhaust brake switch / Parking lamp switch / ENG room lamp switch / ABS diagnosis switch / Air parking brake switch

OTHERS : Throttle control knob / Horn button

ELECTRICAL EQUIPMENT :

Type : 24 volt negative earth
Alternator : Type - with built-in rectifier and separate voltage regulator
Directional indicator & Hazard lamps : Front - 21W x 2, Rear - 21W x 2
Stop / tail lamps : 21/5W x 2

Battery : Number per vehicle - two series connection earth 12V
Headlamps : High / Low beam 75/70W x 2
Licence plate lamp : 5W x 2
Back-up lamp : 21W x 1

ANNOTATIONS

- 1) This vehicle specifications may differ per country and allow for production tolerance,
- 2) Empty vehicle weight includes weight of oil, fuel, coolant and spare tire carrier & bracket, spare tire but excludes standard tool set.
- 3) Hyundai Motor Company reserve the right to make change in specifications, equipments and design, or to discontinue models or options without notice at any time.



SUPER AERO CITY

DIMENSION (mm)					
Overall Length		10,760	10,865	10,760	
Overall Width		2,465	2,440	2,465	
Overall Height		2,063	1,895	2,063	
Wheel Base		5,400			
Wheel tread	Front	2,010			
	Rear	1,860	1,825	1,860	
Overhang	Front	2,140 (2,120 : Frame)	2,245 (2,190 : Frame)	2,140 (2,120 : Frame)	
	Rear	3,222 (3,155 : Frame)	3,220 (3,155 : Frame)	3,220 (3,155 : Frame)	
Minimum Ground Clearance		235			
WEIGHT (Kg)					
Engine	Model	D6AV	D6AB-D	D6HA	C6AC
Empty Vehicle Weight		5,830	6,005	6,035	7,040
Gross Vehicle Weight*		15,080	16,000	16,000	16,000
	Front	5,480	6,000	6,000	6,000
	Rear	9,600	10,000	10,000	10,000
ENGINE					
Displacement (cc)		11,149	9,960	11,149	
Bore x Stroke (mm)		130 x 140	122 x 142	130 x 140	
Number of Cylinder		6 in-line			
Type		Natural Aspiration	Turbo Charger, Intercooler		
Max. Power** (ps/rpm)	General	235 / 2,200	-	-	-
	Euro I	220 / 2,200	300 / 2,200	-	-
	Euro II	-	280 / 2,000	-	290 / 2,000
	Euro IV	-	-	300 / 2,000	-
Max. Torque** (kg.m/rpm)	General	78 / 1,400	-	-	-
	Euro I	75 / 1,400	110 / 1,400	-	-
	Euro II	-	110 / 1,200	-	110 / 1,200
	Euro IV	-	-	120 / 1,200	-
Electrical System	Battery	24V-150AH (200 AH: OPT)		24V-200AH	
	Alternator	24V-70A (150A: OPT)		24V-180A (Brushless)	
	Starter	24V-5.5 KW	24V-6.0 KW	24V-5.5 KW	
Cooling System	General	Pressure type with thermostat, Water-cooling, Forced circulation bt centrifugal water pump			
	Radiator	Corrugated fin and tube type with pressure cap and condenser tank			

TRANSMISSION					
Model		M8S5 (D.D)	M10S5 (D.D)	T120S5	M10S5 (D.D)
Type		5 forward and 1 reverse speed, 2nd to 5th synchromesh 1st & reverse constant-mesh gears			
Gear ratio	1st	6.552	6.571	6.749	6.571
	2nd	4.178	4.436	4.587	4.436
	3rd	2.415	2.631	2.720	2.631
	4th	1.498	1.567	1.620	1.567
	5th	1.000	1.000	1.000	1.000
	Reverse	6.849	6.240	6.451	6.240
T.G.S (Transmission Gear Shift)		Floor shift, Mechanical remote control			
REAR AXLE					
Model		D8S	R170HS	D8S	
Type		Full floating type			
Capacity (Kg)		11,000			
Final Reduction Gear	Type	Single Reduction, spiral bevel gear			
	Ratio	4.875	3.909		
FRONT AXLE					
Type		Reverse Elliot "I" beam			
Capacity (Kg)		6,000			
SUSPENSION					
Tire	Front / Rear	10.00 x 20-14PR	11.0R22.5-16PR		
Spring	Type	Semi-elliptic, laminated leaf springs (Air : D6AB-D OPT)			
Stabilizer bar	Front / Rear	Torsion bar type			
Shock absorber		Hydraulic double acting telescopic type on the front & rear axles			
BRAKE					
Service Brake		Full Air, dual circuit			
Parking Brake		Spring loaded type parking brake on the rear wheels			
Exhaust Brake		Air operated, butterfly valve type			
FUEL TANK					
Capacity		200 ℓ	876ℓ (1,004 / 1,132 ℓ : OPT)		
Material		Steel	Steel + FRP		
FRAME					
Type		Semi-monocoque (Front, Rear & Extension frame)			
Main section side rail (mm)		Front : 163 x 60 x 6t / Rear : 160 x 60 x 7t			

* Max.GVV includes the front & rear axle loads based on the permissible tire load.
** Max. power and torque of engine specifications may vary according to each country.

INSTRUMENTS GROUPED ON DASH PANEL

METERS AND GAUGES :
Speedometer with odometer / Voltage meter / Coolant temperature gauge / Fuel gauge / Oil pressure gauge / Engine tachometer / Air pressure gauge

WARNING AND INDICATOR LAMPS :
Oil pressure warning lamp & buzzer / Coolant level pilot lamp & buzzer / Air pressure warning lamp & buzzer / Battery charging warning lamp / Beam indicator lamp / Directional indicator & hazard pilot lamp / Parking brake warning lamp / Exhaust brake indicator / Overheat warning lamp & buzzer

SWITCHES :
Battery relay switch / Lighting directional indicator & dimmer switch / Starter switch / Wiper & washer switch / Hazard lamp switch / Warning lamp check switch / Exhaust brake switch / Parking lamp switch / ENG room lamp switch / ABS diagnosis switch / Air parking brake switch

OTHERS : Throttle control knob / Horn button

ELECTRICAL EQUIPMENT :
Type : 24 volt negative earth
Alternator : Type – with built-in recifier and separate voltage regulator
Directional indicator & Hazard lamps : Front – 21W x 2, Rear – 21W x 2
Stop / tail lamps : 21/5W x 2
Battery : Number per vehicle – two series connection earth 12V
Headlamps : High / Low beam 75/70W x 2
Licence plate lamp : 5W x 2
Back-up lamp : 21W x 1

ANNOTATIONS

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COUNTY

DIMENSION (mm)											
Body Type	Standard (LHD)					Long (LHD / RHD)					
Overall Length	6,295					7,030					
Overall Width						1,925					
Overall Height						1,724					
Wheel Base	3,350					4,085					
Wheel tread	Front						1,705				
	Rear						1,495				
Overhang	Front						1,175 (1,122 : Frame)				
	Rear						1,770 (1,658 : Frame)				
Minimum Ground Clearance	195										
WEIGHT (Kg)											
Engine	Model	D4AL	D4DC/D4DB/D4DB-d	D4DD	D4GA14	D4GA15	D4AL	D4DC/D4DB/D4DB-d	D4DD	D4GA14	D4GA15
Empty Vehicle Weight		1,905	1,995	1,990	2,245	2,265	1,975	2,025	2,060	2,315	2,335
Gross Vehicle Weight*		6,360			7,400		6,670			7,400	
	Front	2,260			3,000		2,570			3,000	
	Rear	4,100			4,400		4,100			4,400	
ENGINE											
Model		D4DC	D4AL	D4DB-D(LHD/RHD)	D4DB(LHD/RHD)	D4DD	D4GA14	D4GA15			
Displacement (cc)		3,907	3,298	3,298	3,907	3,907	3,933	3,933			
Bore x Stroke (mm)		104 x 115	100 x 105	100 x 105	104 x 115	104 x 115	104 x 115	103 x 118			
Number of Cylinder		4 in-line									
Type		4 stroke-cycle, water-cooled, direct-injection diesel engine									
Max. Power** (ps/rpm)	Euro I	120 / 3,200	-	-	155(Gen), 130(Gen,Cold)/2,900	-	-	-			
	Euro II	-	115 / 3,000	120 / 2,900	130 / 2,900	-	-	-			
	Euro III	-	-	-	-	140 / 2,800	-	-			
	Euro IV	-	-	-	-	-	140 / 2,700	150 / 2,500			
Max. Torque** (kg.m/rpm)	Euro I	30 / 2,000	-	-	-	-	-	-			
	Euro II	-	30 / 1,800	30 / 2,000	38 / 1,600	-	-	-			
	Euro III	-	-	-	-	38 / 1,600	-	-			
	Euro IV	-	-	-	-	-	38 / 1,400	59 / 1,400			
Electrical System	Battery	24V-80AH (24V-100AH: Cold Region only)									
	Alternator	24V-40A (70A : OPT)					24V-55A (80A : OPT)				
	Starter	24-5.0KW									
Cooling System	General	Wax-pellet & bottom bypass type with thermostat , Water-cooling, Forced circulation by centrifugal water pump									
	Radiator	Corrugated fin and tube type with pressure cap and condenser tank									

TRANSMISSION					
Model	M3S5		M035S5		T060S5
Type	5 Forward and 1 reverse speed, over drive				
Gear ratio	1st	5.181	5.380		5.810
	2nd	2.865	3.028		3.281
	3rd	1.593	1.700		1.787
	4th	1.000	1.000		1.000
	5th	0.739	0.722		0.705
	Reverse	5.180	5.380		5.294
T.G.S (Transmission Gear Shift)	Floor shift, Mechanical remote control				
REAR AXLE					
Model	D2H II	D2H II / D2H	D3H / D033H	D033H	R130HS
Type	Full floating type				
Capacity (Kg)	4,100				
Final Reduction Gear	Type	Single Reduction , Hypoid gear			
	Ratio	6.142	6.142 / 6.333	5.375 / 5.000	5.375 / 5.000
FRONT AXLE					
Type	Reverse Elliot type "I" beam / Independent Suspension				
Capacity (Kg)	2,600				
SUSPENSION					
Tire	Front / Rear	7.00R 16 - 10PR (Stanard), 7.00R 16 - 12PR (Long), 205/70R17.5-10PR (D4GA14/15 : STD)			
Spring	Type	Semi-elliptic, laminated leaf springs with shock absorber / Long Taper Spring with independent suspension (D4GA 14/15 only : OPT)			
Stabilizer bar	Front / Rear	Torsion bar type			
Shock absorber	Hydraulic double acting telescopic type on the front & rear axles				
BRAKE					
Service Brake	Hydraulic with vacuum servo assistance, dual circuit				
Parking Brake	Integral expanding type on propeller shaft at the rear of transmission M3S5 : Ø180 x 35 x 5 , M035S5 : Ø190 x 45 x 4				
Exhaust Brake	Vacuum operated, butterfly valve type				
FUEL TANK					
Capacity	95 ℓ				
Material	Steel				
FRAME					
Type	Channel sectional with reinforce & cross members. Side rail is reinforced with outer stiffeners.				
Main section side rail (mm)	170 x 55 x 6t				

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