

SPECIFICATIONS

MODEL		HD390	HD450	HD500	HD540	HD700	HD900	HD1000
Cab Type		Sleeper Cab			Sleeper Cab			
Drive System		LHD, 4×2			LHD, 6×4			
Application Engines		D8AY	D6AC	D6CA 38B	D8AY	D6AC	D8AX	D6CA 41
Dimensions (mm)								
Wheel Base		3,450			4,350			
Overall	Length	5,980	5,880		6,685	6,635	6,685	6,635
	Width	2,495			2,495			
	Height	2,840		2,950	2,840	2,880	2,880	2,950
Wheel Tread	Front	2,040			2,040			
	Rear	1,850			1,850			
Overhang (Body)	Front	1,495			1,495			
	Rear	1,035	935		990	840	990	840
Coupler	Type	2 Axis			2 Axis			
	Capacity	8,500 kg			20,000 kg			
	King Pin Dia	2" / 3.5" (OPT)			2" / 3.5" (OPT)			
	Height	220 / 280 / 330			220 / 280 / 330			
	Ground Height	1,330(STD) / 1,270(OPT)			1,330			
Min. Ground Clearance		250			250			
Weight (kg)								
Curb Vehicle Weight		6,970	6,960	7,110	8,720		8,950	8,830
Max. Gross Vehicle Weight *		17,100			27,900			
On the Front Axle Load		6,300			6,300			
On the Rear Axle Load		10,800			21,600			
* Max. GVW includes the front & rear axle loads based on the permissible tire load.								
Calculated Performance								
Max. Speed	km/h	99	114	121	90	99	107	120
Max. Gradeability	tanθ	0.574	0.847	0.997	0.449	0.537	0.913	0.855
Min. Turning Radius	m	6.2			6.8			
Specifications								
Engine	Model	D8AY	D6AC	D6CA 38B	D8AY	D6AC	D8AX	D6CA
	Number of Cylinder	V8	6 in-line		V8	6 in-line	V8	6 in-line
	Max. Power/Torque (ps/kg,m)	320/110	340/140	380/148	320/110	340/140	410/170	410/173
Battery		12V×2, 150AH			12V×2, 150AH			
Transmission	Model	M12S 2×5		H160S 2×5	M12S 2×5		ZF 16S151	
	Type	10 forward and 2 reverse speed			10 forward and 2 reverse speed		16 forward and 2 reverse speed	
Rear Axle Ratio		5.571	4.875	4.875	6.166	5.571 / 4.875 (OPT)	4.333 / 3.909 (OPT)	4.111
Tire		11.00 × 20 - 14PR						
Brake	Service Brake	Full air with dual circuit						
	Parking Brake	Spring loaded type chamber						
	Exhaust Brake	Air operated, butterfly valve type						
Suspension		Taper springs / Laminated leaf springs with shock absorber (front)						
Fuel Tank		400 liter		380 liter	400 liter		380 liter	

Annotations

- 1) This vehicle specifications may differ per country and allow for production tolerance.
- 2) Curb vehicle weight includes weight of oil, fuel, coolant and spare tire carrier & bracket, spare tire but exclude 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.