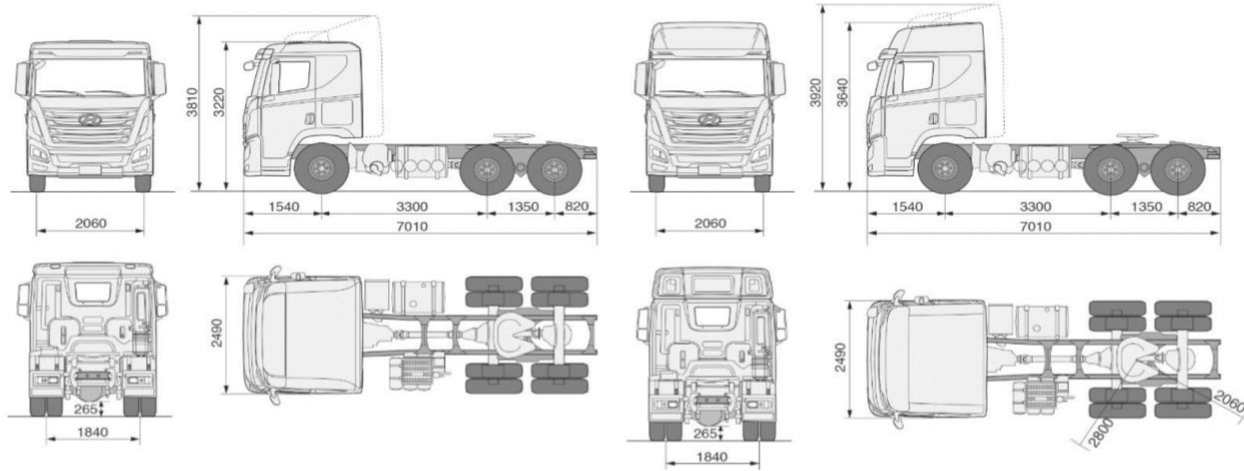


64 Tractor Short Wheelbase

HYUNDAI XGENT



Standard Cab

High Cab

Model		Q340.64 / H380.64 / P410.64 / P500.64 / P520.64						
Vehicle Type		Tractor, LHD/RHD, 6 x 4						
Cab Type		Sleeper Cab						
Wheel Base		Short						
Application Engines		D6AC	D6HB38	D6CA41	D6CB41	D6CC41	D6CE50	D6CE52
Dimensions (mm)								
Wheel Base		4,650 (3,300+1,350)						
Overall	Length	7,010						
	Width	2,490						
	Height	STD	3,220 (3,810)					
		High	3,640 (3,920)					
Ground to frame (topside)		1,100						
Wheel Tread		Front / Rear		2,060 / 1,840				
Overhang		Front / Rear		1,540 / 820				
Fitting Radius Front (F.R.F)		2,800						
Fitting Radius REAR (F.R.R)		2,060						
Fifth Wheel Loading Capacity (kg)		23,385	23,295	23,235	23,295		23,235	
Coupler	Type	1 Axis						
	Capacity	20,000						
	King Pin Diameter	2 inch						
	Height	215						
Min. Ground Clearance		1,315						
Min. Turning Radius		265						
Min. Turning Radius		m						7.1
Weight (kg)								
Cargo Weight *		8,315	8,405	8,495		8,540	8,500	
	Front	4,665	4,750	4,855		4,890	4,850	
	Rear	3,650	3,655	3,640		3,650	3,650	
** Max Gross Vehicle Weight		31,700						
	Front	6,500						
	Rear	25,200						
Max. Gross Combination Weight		70,000						

* For high roof, front +50kg / rear +10kg

** Max. GVW includes the front & rear axle loads based on the tubless radial tires permissible load.

Chassis Specifications
Engine

Engine	D6AC	D6HB38	D6CA41	D6CB41	D6CC41	D6CE50	D6CE52
Type	Turbo Charger Intercooler 4 stroke-cycle, water-cooled, direct-injection diesel engine						
Number of Cylinder	6 in-line						
Piston Displacement (cc)	11,149	9,960	12,920		12,344		
Bore x Stmke (mm)	130 x 140	122 x 142	133 x 155		130 x 155		
Compression Ratio	16.5 : 1						
Max. Power** (ps/rpm)	Eurol	340 / 2,200	-	-	-	-	-
	Euroll	-	-	410 / 1,900	-	-	-
	Euro III	-	380 / 2,000	-	410 / 1,900	-	-
	Euro IV	-	-	-	-	410 / 1,900	-
	Euro V	-	-	-	-	-	500 / 1,700
Max. Torque ** (kg.m/rpm)	Eurol	140 / 1,400	-	-	-	-	-
	Euroll	-	-	188 / 1,500	-	-	-
	Euro III	-	160 / 1,200	-	188 / 1,200	-	-
	Euro IV	-	-	-	-	188 / 1,200	-
Cooling System	Euro V	-	-	-	-	225 / 1,200	255 / 1,200
	General	Pressure type with thermostat, Forced circulation by centrifugal water pump					
	Radiator	Corrugated fin type with pressure cap and condenser tank					
Electrical System	Battery	12V x 2, 150 AH at 20 Hr rates					
	Alternator	24V-60A	24V-70A		24V-90A		
Fuel System	Starter	24V-5.5kW			24V-6.0kW		
	Injection pump	In-line type			EUI system		
	Governor	All Speed type			Electronic Control		
	Fuel filter				Spin-on type		
Oil System	Lubrication	Forced lubrication by gear pump					
	Oil filter	Full flow and bypass type with paper element					
	Oil cooler	Water cooled, plate fin type					
Valve System	Oil grade	API service classification CF-4 or above					
		Single Overhead Valve, Two valves per cylinder					

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

Clutch

Type	Hydraulic control with Air pressure assistance, Diaphragm spring, Single dry plate, Pre-Damper
Facing Material	Non-Asbestos
Facing Size (mm) Outside dia x Inside dia	ø430 x ø242

HYUNDAI XCIENT_64 Tractor

Transmission

		D6AC	D6HB38	D6CA41	D6CB41	D6CC41	D6CE50	D6CE52
Application Engines								
T/M Application	M12S 2X5	•						
	H160S 2X5		•					
• : STD	ZF16S1830			•	•	•		
o : OPT	ZF16S2330						•	
	ZF12AS2540							•
Model		M12S 2x5 / H160S 2x5		ZF16S1830	ZF16S2330		ZF12AS2540 (AMT)	
Type		10 forward and 2 reverse speed		16 forward and 2 reverse speed			12 forward and 2 reverse speed	
Gear Ratio	1st (High / Low)	9.153 / 7.145		13.80 / 11.54		16.41 / 13.80		15.86 / 12.29
	2nd (High / Low)	4.783 / 3.733		9.49 / 7.93		11.28 / 9.49		9.57 / 7.41
	3rd (High / Low)	2.765 / 2.158		6.53 / 5.46		7.76 / 6.53		5.89 / 4.57
	4th (High / Low)	1.666 / 1.301		4.57 / 3.82		5.43 / 4.57		3.47 / 2.69
	5th (High / Low)	1,000 / 0.780		3.02 / 2.53		3.59 / 3.02		2.10 / 1.62
	6th (High / Low)	-		2.08 / 1.74		2.47 / 2.08		1.29 / 1.00
	7th (High / Low)	-		1.43 / 1.20		1.70 / 1.43		-
	8th (High / Low)	-		1.00 / 0.84		1.19 / 1.00		-
	Reverse (High / Low)	8,105 / 6,327		12.92 / 10.80		15.36 / 12.92		14.68 / 11.38
Gear Oil		API service classification GL-4 or SAE service classification 80W (90 ; Tropical zones only)						
T.G.S. (Transmission Gear Shift)		Floor shift, Mechanical remote control						

Rear Axle

		D6AC	D6HB38	D6CA41	D6CB41	D6CC41	D6CE50	D6CE52
Engine								
Type		Full floating type						
Capacity	Kg	13,000 x 2						
Final Reduction Gear	Type	Single Reduction, Hypoid gear						
	G/Ratio	4.875 / 5.571		3.909			3.083	

Front Axle

Type		Reverse Elliot type " I " beam						
Capacity		6,500						

Tire & Wheel

Type		Single Front, Dual Rear						
Tire	Front / Rear	12R22.5-16PR						
Wheel	Front / Rear	22.5 x 8.25						

Steering

Type		2-Spoke, Ball-nut type, Tilt & Telescopic steering column						
Tilting Angle		9 °						
Turning Angle	Inner	49 °						
	Outer	35 °						

Service Brake

Engine		D6AC D6HB38 D6CA41 D6CB41 D6CC41 D6CE50 D6CE52
Actuation		Full Air, Dual circuit fixed S cam with spring loaded chambers
Size (mm)	Front	Drum dia. x Lining width x Lining thickness : $\varnothing 410 \times 56 \times 19$
	Rear	Drum dia. x Lining width x Lining thickness : $\varnothing 410 \times 220 \times 19$
Total lining area		9,635cm ²

Parking Brake

Actuation		DRUM : Spring loaded type chamber on the front wheel and the rear 1st/2nd wheel
Size (mm)		$\varnothing 410 \times 156 \times 19$ (front) / $\varnothing 410 \times 220 \times 19$ (rear)
Total lining area		7,116cm ²

Exhaust Brake

Type		Air operated, butterfly valve type
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Suspension

Type	Front	Multi Leaf / Parabolic Taper (OPT)
	Rear	
		4-Bag

Exhaust system

General		Conventional type muffler
Tail pipe		Droptail type, blowing to chassis rearward

Fuel tank

Capacity		400 liter
Material		Steel

Frame

Type		"H" type frame with channel sectional side rail & cross members
Main side rail (mm)		300 x 90 x 8t