Specification

MODEL			HD65 4X2		HD72 4X2	HD120 4X2		HD170 4X2	HD260 6X4		HD310 8X4
Chassis	Cab type	Widgh	Narrow	Wide	Wide	-		-	-		-
		Length	STD	STD	STD	-		-	-		-
	Wheel Base(mm)		Short	Short	Short	Short		Short	Short		Short
			2,550	2,750	2,750	3,795		4,395	5,650 (4,350+1,300)		7,040(1,700+4,040+1,300)
	Overall (mm)	Length	4,900	5,125	5,260	6,765		7,820	9,650		11,395
		Width	1,870	2,000	2,020	2,195		2,495	2,495		2,495
		Height	2,195	2,195	2,500	2,505	2,520	2,955	3,180		3,074
	Wheel Tread (mm)	Front	1,475	1,665	1,650	1,795		2,040	2,040		2,040
		Rear	1,435	1,495	1,495	1,660		1,850	1,850		1,850
	Overhang (mm)	Front	1,075	1,075	1,075	1,245		1,495	1,495		1,925
		Rear	1,275	1,300	1,435	1,725		1,930	2,505		2,430
	Engine	Model	D4AF(GENERAL) D4DB-d(EURO2)	D4AF(GENERAL) D4DC(EURO1) D4DB(EURO2) D4DB-d(EURO2)	D4DC(EURO1) D4DB(EURO2) D4DB-d(EURO2)	D6BR(GENERAL) D6BR(EURO1) D6DA19(EURO2)		D6AV(GENERAL) D6AV(EURO1) D6AB-D(EURO2)	D6AC(EURO1/EURO2) D6CB3H(EURO3)		D6AC(EURO1) D6CA(EURO2) D6CB(EURO3)
		Power (ps/rpm)	100/3,400 120/2,900	100/3,400 120/3,200 130/2,900 120/2,900	120/3,200 130/2,900 120/2,900	185/2,900 167/2,900 196/2,500		235/2,200 220/2,200 290/2,000	340/2,200 340/1,900 380/1,900		340/2,200 320/1,900 380/1,900
		Torque (kg.m/rpm)	24/2,000 30/2,000	24/2,000 30/2,000 38/1,600 30/2,000	30/2,000 38/1,600 30/2,000	51/1,400 46/1,400 58/1,700		78/1,400 75/1,400 110/1,200	140/1,400 148/1,200 160/1,200		140/1,400 160/1,500 160/1,200
U/Body	Capacity(kℓ)		2.5	2.5	3.4	5	6.2	10	13	16	19
	Tank Outer Dimension (mm)	Length	2,640	2,640	3,080	4,020	4,390	4,560	6,460	5,920	8,090
		Width	1,500	1,500	1,700	1,780	1,810	2,300	2,200	2,350	2,300
		Height	870	870	950	990	1,095	1,380	1,250	1,516	1,300
	Tank	Material	Steel, SS400								
		Thickness(mm)	6								
		Epoxy Coating	STD	STD	STD	STD	STD	OPT	OPT	OPT	OPT
	Driving method of Pump		TM PTO								
	Pump	Type	Rotary Vane Type Vacuum Pump								
		Air Discharge Capacity(ℓ/min)	4,000	4,000	4,000	6,000	6,000	6,000	6,000 + 6,000	6,000 + 6,000	6,000 + 6,000
	Pipe	Diameter(")	2.5"	2.5"	2.5"	2.5"	2.5"	3"	3"	3"	3"
	Hose	Material	Polyvinyl Chloride								
		Discharge Diameter	2.5"	2.5"	2.5"	2.5"	2.5"	3"	3"	3"	3"
		Length	50m X 1EA								

※The specific requirements can be customized on consumer's demands
※Hyundai Motor Company reserves the right to make change in specification, equipment and design or to discontinue models or options without notice at any time.
※Images in this catalog may differ from the actual vehicles sold.

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GEN. LHD 1010 ENG

A Sanitary, Economical Solution for Liquid Waste Collection and Disposal

VACUUM LORRY

HD65 / HD72 / HD120 / HD170 / HD260 / HD310

HYUNDAI

HYUNDAI Vacuum Lorry

Hyundai Vacuum Lorries feature a powerful, high-performance vane-type vacuum pump that ensures greater savings for customers in operation time and cost. The pump creates a vacuum in the tank for powerful suction of liquid waste and discharges loads efficiently through high pressure air inside the tank.

Features

High-Tensile Steel Tank

The tank is manufactured of high-tensile steel for sturdiness and durability. Inside, it is coated with epoxy resin for enhanced protection against corrosion.

- Applied as a standard feature for HD65, HD72 and HD120
- Available as an option for HD170, HD260 and HD310

High-Performance Vane-Type Vacuum Pump

The vane-type vacuum pump delivers great savings in operation time by supporting high-speed suctioning and discharging.

Safety and Durability Improvement

The inside of the tank is buttressed with compartments and reinforcing plates to prevent deformation during suction and discharge.

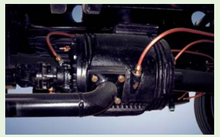
In Focus : How to Choose Tanks

Depending on Tank Capacity

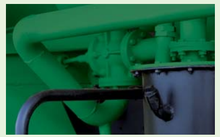
	HD65 Class	HD120 Class	HD260 Class
Tank Capacity	2.5kℓ / 3.4kℓ	5kℓ / 6.2kℓ / 10kℓ	13kℓ / 16kℓ / 19kℓ
Principal Uses	Collecting Liquid Waste in Residential Areas with Narrow Roads	Collecting Waste Water from Septic Tanks in Houses, Apartment Buildings and Office Buildings	Collecting Liquid Waste from Large-Scale Industrial and Apartment Complexes
Transport Distance	Short-Haul	Mid- & Long-Haul	Long-Haul

Primary Components

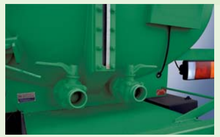
Front & Rear Manhole
The front and rear manholes have features, which enhance the safety of the vacuum lorry. The front manhole is fitted with a float valve that automatically shuts down suction when the tank is filled to capacity. The rear manhole is designed to automatically release gases that may build up inside the tank.



Vane-Type Vacuum Pump
The vane-type vacuum pump, powered by the transmission PTO, works efficiently to create low or high pressure inside the tank for suction or discharge operation.



Three-Way Valve
The three-way valve selects the operation mode of the pump between suction and discharge. It sets the direction of air flow inside the piping to create either low or high pressure inside the tank.



Two-Way Valve & Level Indicator
A pair of two-way valves, located at the back of the tank, are wide enough 2.5 or 3 inches in diameter to support high-speed suction and discharge operations. The level indicator enables the operator to check the amount of waste going into or out of the tank.

Suction & Discharge Control Lever
The control lever, located at the back of the tank, enhances operational efficiency by adjusting the amount of liquid waste that is taken in or discharged to optimal levels.

Oil Tank
The oil tank holds oil used for sealing and cooling the vacuum pump.

Oil Separator
The oil separator filters oil from the vacuum pump before sending it back into the oil tank.

Air Separator
The air separator purifies air supplied to the vacuum pump by filtering out oil vapors and other impurities.

Compound Gauge
The compound gauge monitors the pressure level inside the tank for operational efficiency and safety.

Cleaning Holes
The holes, located on the back and sides of the tank, make a thorough cleaning of the inside of the tank easy to keep it in top form at all times.