

Specification

MODEL		Water Tank Lorry							Water Sprinkler					
		HD65 4X2	HD72 4X2	HD120 4X2	HD170 6X4		HD260 6X4		HD310 8X4	HD170 4X2	HD260 6X4			
Chassis	Cab type	Width	Wide	Wide	-	-		-		-	-	-		
		Length	Long	Long	-	-		-		-	-	-		
	Wheel Base(mm)		Short	Short	Short	Short		Short		Short	Short			
			2,750	2,750	3,795	4,395		5,650(4,350+1,300)		7,040(5,470+1,300)	4,395	5,650(4,350+1,300)		
	Engine	Model		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)		D6AV(EURO1) D6CA(EURO2) D6CA3H(EURO2)	D6AV(GENERAL) D6AV(EURO1) D6AB-D(EURO2)	D6AC(EURO1/EURO2) D6CB3H(EURO3)	
			Power(ps/rpm)	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	235/2,200 220/2,200 290/2,200		340/2,200 340/2,000 380/1,900		340/2,200 340/2,000 380/1,900	235/2,200 220/2,200 290/2,200	340/2,200 340/2,000 380/1,900	
			Torque(kg.m/rpm)	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		140/1,400 148/1,200 160/1,500	78/1,400 75/1,400 110/1,200	140/1,400 148/1,200 160/1,200	
			Overall(mm)	Length	5,165	5,165	6,765	7,850		9,650		11,395	7,850	9,650
	Wheel Tread(mm)	Width	2,000	2,000	2,195	2,495		2,495		2,495	2,495	2,495		
		Height	2,195	2,195	2,505	3,130		3,130		3,140	3,300	3,300		
Overhang(mm)	Front	1,650	1,650	1,795	2,040		2,040		2,040	2,040	2,040			
	Rear	1,495	1,495	1,660	1,850		1,850		1,850	1,850	1,850			
Capacity	Front	1,075	1,075	1,245	1,495		1,495		1,495	1,495	1,495			
	Rear	1,340	1,340	1,725	1,960		2,490		2,860	1,960	2,490			
Body	Tank	Standard	Material	Stainless Steel 304							Steel (SS400)			
			Thickness(mm)	3	3	3	4	4	4	4	4	4	3.2	4
	Option	Material	Steel (SS400)							-				
			Thickness(mm)	3.2	3.2	3.2	3.2	4	4	4	4	-	-	
	Manhole	Diameter	18"											
			Number	1	1	1	2	2	2	2	2	3	2	2
	Driving method of Pump	Pump	Type	T/M PTO							T/M PTO			
				Self-Priming Centrifugal Pump							Self-Priming Centrifugal Pump			
		Option (Pump Package)	Discharge rate(ℓ/min)	200	200	400	600	600	600	600	600	1,000	600	600
				Pressure(kg/cm ²) at 1,750rpm	Discharge	0.5	0.5	0.7	1.0	1.0	1.0	1.0	1.0	1.0
Suction					0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Max. Suction Head(m)				5	5	5	5	5	5	5	5	5	5	5
Total Head(m)				10	10	12	15	15	15	15	15	15	15	15
Pipe		Diameter	2"											
			Length	Stainless Steel 304							Stainless Steel 304			
Hose		Suction	Diameter	2"	2"	2"	2"	3"	3"	3"	4"	3"	3"	
	Length		10m X 1EA							10m X 1EA				
	Discharge	Diameter	1.5"	1.5"	1.5"	1.5"	1.5"	1.5"	1.5"	1.5"	1.5"	1.5"		
		Length	15m X 1EA							15m X 1EA				
Other Options	Hose Reel	Length	1" X 30m											
		Spray	-									Front, Front Lateral, Rear Spray		
	Roof Monitor	Pump Type	-									Rear Spray		
		Nozzle Diameter(mm)	-									65		
Monitor	Type	-									Manual			

※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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Efficient and Necessary Solution for Water Transportation and Spray WATER TANK LORRY / WATER SPRINKLER

HD65 / HD72 / HD120 / HD170 / HD260 / HD310



HYUNDAI WATER LORRY / WATER SPRINKLER

Hyundai Water Tank Lorries are ideal for transporting large amounts of water to places where emergency water supply is needed to solve problems such as a drought or water service disruption. Their stainless steel tanks are designed to ensure sanitary water storage, and the optional self-priming centrifugal pump improves efficiency by speeding up water suction and discharge.

Hyundai Water Sprinklers are a necessity for cleaning and covering areas with a spray of water. The front and rear spray bars and roof monitor deliver high performance and the best results in a variety of spraying situations such as sprinkling water on dusty unpaved roads or cleaning noise barriers on elevated highways.

● Features

Big Choice of Tank Sizes

Hyundai Water Tank Lorries and Sprinklers offer a wide range of tank capacities to satisfy varied customer needs. The water tank lorries, built on the chassis of Hyundai medium- and heavy-duty trucks ranging from the HD65 to HD310, vary in tank volume from 2.5kl to 20kl. The sprinklers are equally flexible, ranging from 10kl for the HD170 to 16kl for the HD260. Other size tanks can also be custom made.

Powerful Self-Priming Centrifugal Pump

Hyundai Water Tank Lorries and Sprinklers both offer a powerful, high-performance self-priming centrifugal pump with high head pressure, which is an option on tank trucks and standard with sprinkler trucks. The total head of the pump, measured by combining vertical suction and discharge heights, reaches 15 meters for the HD170, HD260 and HD310 (with 5 meters in suction height and 10 meters in discharge height). The comparable figure is 12 meters for the HD120 and 10 meters for the HD65 and HD72.

Attractive Optional Package

A full pump package is available as an option for water tank lorries. This package combines a self-priming centrifugal pump with necessary hoses and piping for water suction and discharge operations.
* Pump Package : Self-Priming Centrifugal Pump + Pipe + Hose (Suction & Discharge)

● In Focus : How to Choose Tanks

Depending on Tank Material

	Water Tank Lorry		Water Sprinkler
Material	Stainless Steel(SUS)	Steel	Stainless Steel(SUS)
Principal Uses	Drinking water, Soft and Alcoholic Beverages, Regular Water for Household	Gardening and Industrial Uses	Road Sprinkling
Tank Capacity	Available for All Tank Sizes (2.5kl / 4kl / 5kl / 8kl / 10kl / 14kl / 16kl / 18kl / 20kl)		10kl / 14kl / 16kl / 18kl / 20kl

※Tank Capacity : Decided on the basis of the amount of water demanded for the customer's regular jobs

Examples of Major Uses



Transporting Drinking Water



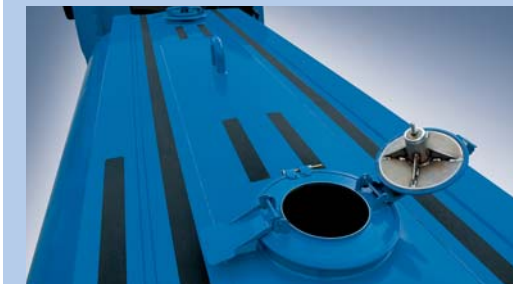
Transporting Industrial-Uses water



Transporting Water for Gardening and Landscaping

● Primary Components

Water Tank Lorry



Manholes & Walkway

The tank has a pair of manholes on the top, one toward the front and one at the rear, as well as a non-skid walkway for safety.



Self-Priming Centrifugal Pump

This pump, the central item in the optional pump package, is powered by transmission PTO via a V belt, with up to 15 meters of total head pressure (5 meters of suction height and 10 meters of discharge height).



Suction Hose

The hose, part of the optional pump package, is 10 meters long, to support efficient suction operation for all models.



Discharge Hose

This hose, also part of the optional pump package, is 1.5 inches in diameter and 15 meters in length, to support efficient discharge operation for all models.



Level Indicator

The level indicator, at the rear of the tank, shows the tank water level.

Water Sprinkler



Self-Priming Centrifugal Pump

This pump, fitted on all Hyundai Water Sprinklers as a standard feature, works to draw water into the tank and supply water to the front and rear bumper sprays as well as the optional roof monitor on the top of the tank.



Roof Monitor(Optional)

The optional roof monitor, located on top of the tank, is operated manually to spray-clean tall structures such as walls on elevated highways or tall trees.

Spray (Option)



Front Spray Bar

The front spray bar, fitted under the front bumper, consists of multiple nozzles. The nozzles use water from the water pump to wash dust off paved roads.



Front Lateral Spray Nozzles

The two front lateral spray nozzles, at both ends of the front bumper, are controlled by the driver to spray either to the sides or forward for improved efficiency on road cleaning jobs.



Rear Spray Bar

Two types of rear spray bars are available. One uses gravity to discharge water through several nozzles under the rear bumper. The other is powered by the water pump to spray water through two nozzles, one under each end of the rear bumper.