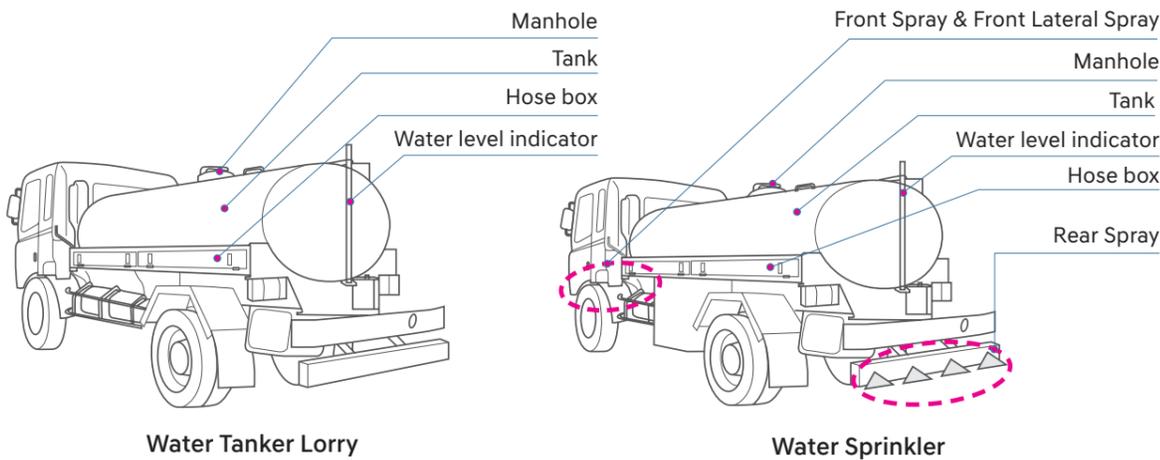


Water Tanker



- Water discharge is gravity-type in standard spec.
- Sprinkler vehicle is fitted with optional sprinklers.
- Tank capacity can be customized (contact the Special Vehicle Team)
- PTO is a mandatory option when ordering tanker trucks

	STEEL	SUS304
Thickness	2.5kl~ 8kl : 3.2mm 10kl ~ : 4mm	2.5kl ~ 8kl : 3mm 10kl ~ : 4mm
Advantage	Lower Cost ver. SUS304	Anti-Corrosive ver. steel
Transport	Industrial water	Drinking Water
Epoxy Coating	O	X



Body



Manhole (16") & walkway
Water tank lorry
HD65 ~ HD310
* Below 5kl: 1EA,
Above 8kl: 2EA
Note: **Standard**



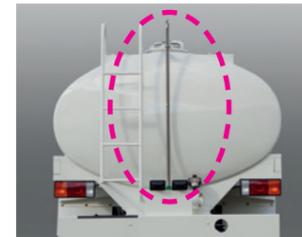
Hose box
Water tank lorry
HD65 ~ HD310
Note: **Standard**



Fender
Water tank lorry
HD65 ~ HD310
* HD65 ~ HD170 : Plastic
HD260 - HD310 : Steel
Note: **Standard**



Rear ladder
Water tank lorry
HD65 ~ HD310
* HD72/78/120 Ladder is attached to the side of tank
Note: **Standard**



Level indicator
Water tank lorry
HD65 ~ HD310
Note: **Standard**



4-way valve
Water tank lorry
HD65 ~ HD310
Note: **Standard**



Pump package
Water tank lorry
HD65 ~ HD310
Note: **Option 1**



Sprinkler - PTO
Water tank lorry
Above HD160
Note: **Option 2 (Water Sprinkler)**

Option 1

- Self-priming centrifugal pump + SUS304 pipe
- 2" water pipe is applied to HD72~HD120 and 3" for HD160 and above.



Suction hose (10m) 1pc
Water tank lorry (HD65 ~ HD310)
* Below 5kl: 2" Dia.
Above 8kl: 3" Dia.



Discharge hose (15m) 1pc
Water tank lorry (HD65 ~ HD310)
* Free fall type (Dia. : 1.5")
* Include Coupler

Option 2 (Water Sprinkler)

- This option can be selected when the pump package option is ordered.
- Either bar-type or flushing nozzle-type (lateral spray nozzles) are available for front mounting
- Gravity-type is standard for the rear mount while the pump-type is optional.

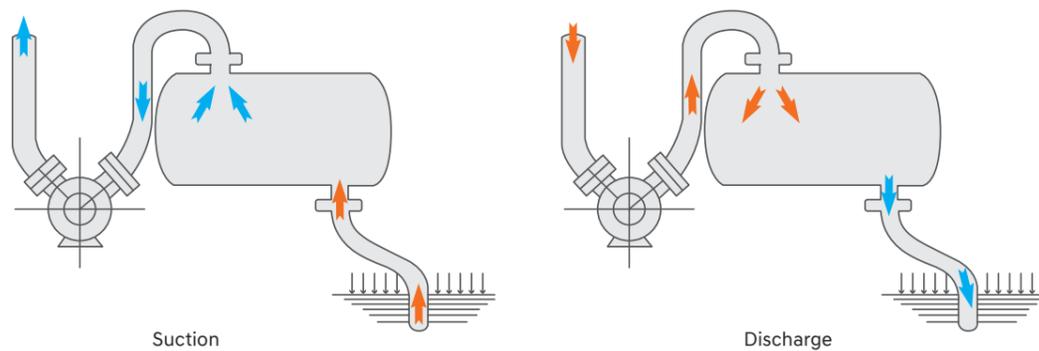
	Standard	Pump
Charge	Through Manhole	Can be vacuumed and purged by hose using pump pressure
Discharge	Free Fall	

Vacuum Lorry



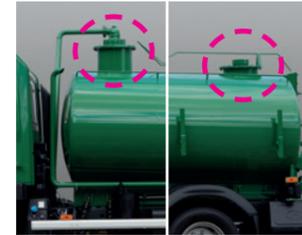
- Vacuum lorry has a hose holder mounted as standard equipment; if the spec/length is changed due to customer requirements, a hose storage box may be required (locally installed)
- Front manhole is equipped with automatic overflow cutoff
- Rear manhole is a manual gas discharge-type with screw fittings
- PTO is a mandatory option when ordering vacuum trucks
- Main usage: excrement, waste oil

Vacuum Lorry Operation Principle



Air inside the tank is forced out by the vacuum pump which creates a pressure differential between the tank interior and exterior thus creating suction to collect waste. For discharge, the flow is reversed: Outside air is pumped into the reservoir which in turn forces the inner waste to be discharged.

Body



Manhole (front/rear)

Vacuum tank lorry
HD65 ~ HD310
* Front manhole : Suction
Rear manhole : Release gases
* Include baffle plates in tank inside
Note: Standard



Pump (vane-type)

Vacuum tank lorry
HD65 ~ HD310
* The color depends on customer needs.
Note: Standard



4-way valve controller

Vacuum tank lorry
HD65 ~ HD310
* Suction / Discharge / Neutral
Note: Standard



2-way valve (2 ea)

Vacuum tank lorry
HD65 ~ HD310
* Suction or discharge under 3way valve set up
* Blow HD120 2.5"
Above HD170 3"
Note: Standard



Control lever

Vacuum tank lorry
HD65 ~ HD310
* Adjust amount of suction or discharge
Note: Standard



Oil tank / oil separator

Vacuum tank lorry
HD65 ~ HD310
Note: Standard



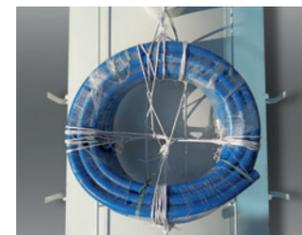
Air cleaner

Vacuum tank lorry
HD65 ~ HD310
Note: Standard



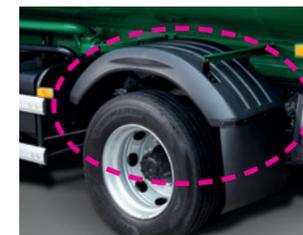
Gauge / cleaning hole

Vacuum tank lorry
HD65 ~ HD310
Note: Standard



Hose (50m)

Vacuum tank lorry
HD65 ~ HD310
* HD72 ~ HD120 : 2.5" Dia
Above HD160 3" Dia
Note: Standard



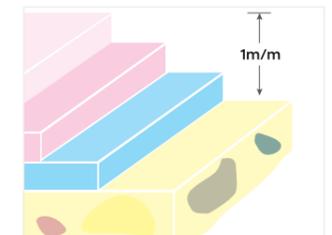
Fender

Vacuum tank lorry
HD65 ~ HD310
* HD65 ~ HD170 : Plastic
HD260 - HD310 : Steel
Note: Standard



Rear step / level indicator

Vacuum tank lorry
HD65 ~ HD310
Note: Standard



Epoxy coating

Vacuum tank lorry
Above HD170
* Surface coating of Vacuum tank Inside
Note: Option 1

Option 1

- Applied as standard equipment to HD72~HD120

Fuel Tanker Lorry



- The size of the compartment can be ordered only after the number and capacity of Individual compartments have been reviewed and confirmed to be in accordance with the local laws and weight regulations
- Not to be used for other types of stored fuel (LPG or other toxic/chemical/ corrosive liquids; for special fuels other than gasoline, diesel kindly contact the Special Vehicle Team)
- PTO is a mandatory option when ordering fuel tankers

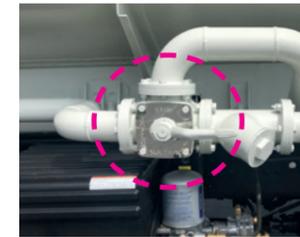
Body



Pump (gear)

Fuel tank lorry
HD72 ~ HD260
* Adjust amount of suction or discharge

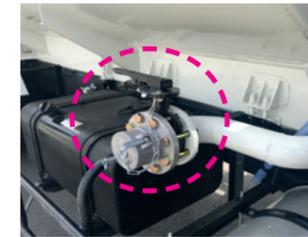
Note: **Standard**



4-way valve controller

Fuel tank lorry
HD72 ~ HD260
* Set up between suction / discharge / stop / gravity

Note: **Standard**



2-way valve

Fuel tank lorry
HD72 ~ HD260
* Suction or discharge under 4way valve set up
* HD72 ~ HD120 : 2" Dia
Above HD160 3" Dia

Note: **Standard**



Hose

Fuel tank lorry
HD72 ~ HD260
* HD72 ~ HD120 : 2" Dia
Above HD160 3" Dia

Note: **Standard**



Fire extinguishers

Fuel tank lorry
HD72 ~ HD260
* 4.5kg 2ea

Note: **Standard**



Fender / rear ladder

Fuel tank lorry
HD72 ~ HD260
* HD65 ~ HD170 : Plastic Fender / HD260 : Steel Fender
* Mighty, Ladder is attached to the side of tank

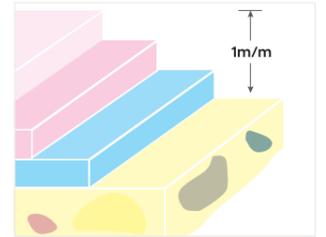
Note: **Standard**



Flow meter

Fuel tank lorry
HD72 ~ HD260

Note: **Option 1**



Epoxy coating

Fuel tank lorry
Above HD160
* Inside coating of Fuel tank

Note: **Option 2**

Body



Manhole

Fuel tank lorry
HD72 ~ HD260

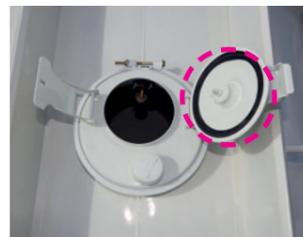
Note: **Standard**



Valve

Fuel tank lorry
HD72 ~ HD260
* HD65 ~ HD78 : Bottom Valve
HD120 ~ HD260 : Main Valve

Note: **Standard**



Air ventilator

Fuel tank lorry
HD72 ~ HD260
* Set up between suction and discharge

Note: **Standard**



Level indicator

Fuel tank lorry
HD72 ~ HD260

Note: **Standard**

Option 1

- Flow meter is US-made LC brand (pre-set type) with either 2" or 3" pipes (HD72 ~ HD120: 2" dia. HD160 & above: 3" dia.)
- The cover can be specified when ordering the flow meter.

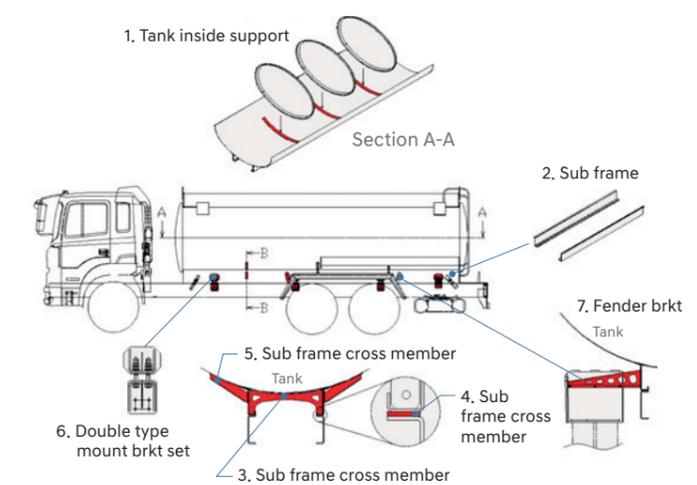


Flow Meter Cover

Option 2

- Applied as basic spec for HD72~HD120.

Option 3_Tank Lorry Reinforcement



※ Mounting reinforcement is highly recommended on the harsh road conditions.

Home Lorry



- Standard equipment includes two units of 2"-dia hose (2.5m) and epoxy coating.
- Two compartments (2KL + 1KL) or (2KL + 2KL)
- The flow meter may be selected instead of the high speed dispenser depending on local oil quality / filling environment
- HMC recommends 3KL or less where regulations permit; compliance with local laws must be reconfirmed
- PTO is a mandatory option when ordering home lorries

High Speed Dispenser vs Flow Meter Comparison

	High Speed Dispenser	Flow Meter	Remarks
Spec.	Standard	Option	
Operation Type	Electronic	Mechanical	
Strengths	Inexpensive price	Resistant to impact and has no minor troubles	
		Less influenced by temperature	
Weaknesses	Low resistance to impact and abrasion; rubber hose cannot be used in extreme cold	High price	
	Minor troubles like filter blockage could occur when low quality oil is used		
KD introduction	Ordinarily sufficient inventory is available	3 months via sea shipment (air 2 months)	

* Air shipment would incur additional cost

Body



Manhole (one-touch)
Home Lorry HD65

Note: Standard



High-speed dispenser
Home Lorry HD65

Note: Standard



Hose reel 50m
Home Lorry HD65

Note: Standard



Fire extinguishers
Home Lorry HD65

Note: Standard



2-way valve
Home Lorry HD65

Note: Standard



Suction hose (2" x 2.5m)
Home Lorry HD65

Note: Standard



Rear cover
Home Lorry HD65

Note: Standard



Tank
Home Lorry HD65
3.2mm, steel, epoxy

Note: Option 1



Ladder
Home Lorry HD65

Note: Standard