



**HEBEI YUANDA SPECIAL PURPOSE  
VEHICLE MANUFACTURING CO., LTD**



# BRIEF INTRODUCTION

Hebei Yuanda Group was established in 2014, located in Jing county, Hengshui city, Hebei province, China. There are three subsidiaries below the group: Hebei Yuanda Xinte Rubber & Plastic Co., Ltd, Hebei Yuanda Special Purpose Vehicle Manufacturing Co., Ltd and Hebei Yuanda Environmental Engineering Co., Ltd. The total asset is 500million RMB, it has over 9000 employees and annual sales 1 billion RMB.

Hebei Yuanda Special Purpose Vehicle Manufacturing Co., Ltd is co-found by Yuanda Group and Changchun FAW Group. It is used for Vehicle technology development, equipment manufacturing and automotive marketing. There are three series of products: Sanitation Vehicles, Construction Vehicles and Special Vehicles.

We are using modular design and digital design and we are accepting OEM. The company's main components are purchased by China, America, Italy and Germany.

All the products sold by our company have been tested by China Quality Certification Center and the State Vehicle Quality Supervision and Inspection Center, and have passed the international ISO9001 and CCC.

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- Garbage Bin (Steel & Plastic)
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# 6 CBM Rear Loading Compactor Garbage Truck





## 6 CBM Rear Loading Compactor Garbage Truck

### Introduction

The compactor garbage truck adopts PLC machine Electro-hydraulic integration, control system. Through the car filler device and other special equipment to achieve garbage into, strong filling. Put the garbage into the compartment and then compaction and propulsion it, sewage into the sewage tank, solving the secondary pollution by garbage transport process.

### Purpose

Compactor garbage truck is the new type of sanitation vehicle that for collects and transfers the garbage, avoid secondary pollution. Mainly for the sanitation sector, apartment and school, etc. Carrying all kind of living waste, avoid loading the construction waste.

- Turn the barrel mechanism; it can be used on garbage bin for 120L, 240L, and 480L
- Optional dustpan mechanism

*We can provide OEM if the customer need*



<b>Vehicle name</b>	<b>6 CBM Rear Loading Compressed Garbage Truck</b>
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Engine Model	YYD5080ZYSD5
Vehicle brand name	Heng Ba
Manufacture	Hebei Yuanda Special Purpose Vehicle Manufacturing Co., Ltd
Motor model	EQ1080SJ8BDC
Chassis brand	DongFeng Motor Co., Ltd
Tyre size	7.50R16
Wheel base (mm)	3800
Fuel Type	Diesel
Emission Stand	Europe IV
Over Dimension (mm)	7140*2100*2460 7365*2100*2460
Appe/Dep(°)	20 14
Number of axes	3
ABS	yes
Maximum speed (Km/h)	103
Engine Rated Power(kw)	115
Reflective marking enterprise	3M China Ltd
Trademark	3M,well-illuminated
Product Type	983D;TM1200-1
Maximum gross mass (kg)	8275
Complete vehicle kerb mass (kg)	6680 , 6300
Rated load (kg)	1400/1780
Axle load	3310/4965





# 6 CBM Side Loading Compactor Garbage Truck







## 6 CBM Side Loading Compactor Garbage Truck

### Introduction

Side-loading compactor garbage truck automatically put the garbage to the garbage bin is through the pull rod to take-up the garbage bin, and push extrusion the garbage to behind of the carriages, to achieve the purpose of compressed garbage.

The principle of compression is the use of machine, electricity, hydraulic linkage control system and manual operating system.

Through the lifting system and push the shoves to achieve garbage into, and put the garbage into the carriages to push and compaction, this way have a large compression ratio.

### Purpose

- Using in narrow streets and apartment, etc.
- Advantage: high pressure, good sealing, easy to operate and safe.
- The back door is using fully enclosed, avoids secondary pollution during transport process.
- It is easy to transfer to large-scale transit equipment when open the back door.
- Compression function and high working efficiency.

*We can provide OEM if the customer need*

**Vehicle name****6 CBM Side Loading Compression Garbage Truck**

Engine Model	YYD5070ZYSD5
Vehicle brand name	Heng Ba
Manufacture	Hebei Yuanda Special Purpose Vehicle Manufacturing Co., Ltd
Chassis brand	DongFeng Motor Co., Ltd
Chassis Type	EQ1070SJ3BDF
Tire size	7.00R16
Engine Size	CY4BK551
Engine Rated Power	75kw
Wheel base (mm)	3808
Fuel Type	Diesel
Emission Stand	Europe III
Over Dimension (mm)	8600,8700*2490*2980,3020
Cab seats	2
Anti-lock braking system	Yes
Maximum speed (Km/h)	99
Maximum gross mass (kg)	7360
Complete vehicle kerb mass (kg)	4550
Rated load (kg)	2680
Front/Real Overhang	1040/1287



# 6 CBM Dump Truck







## 6 CBM Dump Truck

### Introduction

Dump garbage truck is to avoid secondary pollution of the new sanitation vehicles; it can be collected and transferred the garbage. The main feature is the garbage collection method is simple, efficient, good environmental protection, high utilization rate. It's used in apartment and urban street processing. With a sealed dump function, hydraulic operation, tilt garbage convenient.

### Purpose

- Good sealing performance. To make sure that the transport process will not cause dust or leakage, to avoid secondary pollution.
- It's easy to load and can be mechanically or manually loaded.
- Easy to tilt, the vehicle built-in tipping mechanism, when the garbage shipped to the designated location, put a force drop
- Loading capacity, vehicle structure is simple, light weight, load relative increase.
- It is easy to maintain, long service life.

*We can provide OEM if the customer need*



Vehicle name		6 CBM Dump Truck	
Engine Model	YYD5070ZLJD5		
Vehicle brand name	Heng Ba		
Manufacture	Hebei Yuanda Special Purpose Vehicle Manufacturing Co., Ltd		
Chassis brand	DongFeng Motor Co., Ltd		
Chassis Type	EQ1070SJ3BDC		
Engine Size	CY4BK551		
Engine Rated Power	75kw		
Wheel base (mm)	3800		
Fuel Type	Diesel		
Emission Stand	Europe III		
Over Dimension (mm)	5515*1980*2250		
Appe / Dep(°)	20 21		
Front Truck (mm)	1503, 1519		
Rear Truck (mm)	1494		
Maximum speed (Km/h)	99		
Maximum gross mass (kg)	7360		
Complete vehicle kerb mass (kg)	3560		
Rated load (kg)	3670		
Front/Real Overhang	1040/1167		
		Engine Model	Power (Kw)
		YC4FA115-50	85
		4B2-115C50	85
		ZD30D13-5N	96
		D28D11-5DA	85
		4DW93-84E5	64
		YN27CRE1	70
		YN33CRE1	85
		SD4D25R-70	70
		4DX23-120E5	90

Engine can be choose



## 2 Tons Car Detachable Garbage Truck







## 2 Tons Car Detachable Garbage Truck

### Introduction

Detachable carriage garbage truck, also known as hook arm car, is equipped with a special vehicle hydraulic loading and unloading mechanism, can be a special car towed to the car or inclined to a certain angle to unload the garbage, and can be used for car unloading, collection and transportation of garbage. Detachable carriage of garbage truck in waste collection and transportation functions, using the "self-contained discharge" mode of operation; to realize the separation, a car can be equipped with multiple compartments, flexible, improve the utilization rate of equipment and vehicles, reduce operating costs; the area is small, without soil construction or only simple civil, economic and practical.

Detachable carriage garbage truck with its easy handling, high utilization rate, fast and efficient features have been widely used in the field of sanitation in China, mainly for the garbage transfer station, garbage disposal plant, the residents living garbage collection points in places such as garbage transport.

### Purpose

- Detachable carriage truck is in the two types of automobile chassis is provided with the car pull arm frame device for car with loading and tilting function, it can realize the combination and separation of carriage and automobile, at the same time on the bulk cargo to achieve self-unloading homework.
- The boom is mainly composed of a pull arm and a pull arm, an oil cylinder, a linkage frame, a carriage, an insurance hook, an insurance hook, an oil cylinder and a sub frame.

*We can provide OEM if the customer need*

**Vehicle name****2 Tons Carriage Removable Garbage Truck**

Engine Model YYD5040ZXXY5

Vehicle brand name Heng Ba

Manufacture Hebei Yuanda Special Purpose Vehicle Manufacturing Co., Ltd

Chassis brand Shenyang Jinbei Vehicle Manufacturing Co., Ltd.

Chassis Type SY1045HMCZA

ABS YES

Maximum speed (Km/h) 100

Engine Rates Power (KW) 50

Fuel Type Diesel

Emission Stand Europe IV

Over Dimension (mm) 4475\*1780\*2140

axle weight 1485、2645

Approach angle / departure angle(°) 19、23

Wheel base (mm) 2515

Front / rear suspension(mm) 1030、930

Rated load (kg) 1860

Maximum total mass (kg) 4130

Vehicle quality (kg) 2140



# 3 Tons Car Detachable Garbage Truck







## 3 Tons Car Detachable Garbage Truck

### Introduction

Detachable carriage garbage truck, also call hook arm car, it is equipped with a special vehicle hydraulic loading and unloading mechanism. It can drag special car container to the car or tilt a certain angle to remove the garbage, and can remove the car. It can be used for car unloading, collection and transportation of garbage. Detachable carriage of garbage truck in waste collection and transportation functions, it is using the "self-contained discharge" mode of operation to realize the separation, a car can be equipped with multiple compartments, flexible, improve the utilization rate of equipment and vehicles, reduce operating costs; the area is small, without soil construction or only simple civil, economic and practical.

Detachable carriage garbage truck is easy handling, high utilization rate and fast. It's mainly for the garbage transfer station, garbage disposal plant, the residents living garbage collection points in places such as garbage transport.

### Purpose

- Detachable carriage truck can achieve the car and car container combination and separation. At the same time on the bulk cargo is to achieve self-unloading homework.

*We can provide OEM if the customer need*



<b>Vehicle name</b>	<b>3 Tons Carriage Removable Garbage Truck</b>
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Engine Model	YYD5070ZXXD5
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Vehicle brand name	HengBa
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Manufacture	Hebei Yuanda Special Purpose Vehicle Manufacturing Co., Ltd
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Chassis brand	Dongfeng Motor Co., Ltd
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Chassis Type	EQ1070SJ3BDF
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Maximum speed (Km/h)	99
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Engine type	CY4BK551
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Engine Rates Power	85
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Fuel Type	Diesel
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Emission Stand	Europe IV
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Over Dimension (mm)	5400*1980*2160
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Hook ability (kg)	3000
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Wheel base (mm)	3308
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control method	Hydraulic + Electric control
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Maximum total mass (kg)	7360
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Vehicle quality (kg)	4230
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# 25 Tons Car Detachable Garbage Truck





## 25 Tons Car Detachable Garbage Truck

### Introduction

Detachable carriage garbage truck, also call hook arm car, it is equipped with a special vehicle hydraulic loading and unloading mechanism. It can drag special car container to the car or tilt a certain angle to remove the garbage, and can remove the car. It can be used for car unloading, collection and transportation of garbage. Detachable carriage of garbage truck in waste collection and transportation functions, it is using the "self-contained discharge" mode of operation to realize the separation, a car can be equipped with multiple compartments, flexible, improve the utilization rate of equipment and vehicles, reduce operating costs; the area is small, without soil construction or only simple civil, economic and practical.

Detachable carriage garbage truck is easy handling, high utilization rate and fast. It's mainly for the garbage transfer station, garbage disposal plant, the residents living garbage collection points in places such as garbage transport.

### Purpose

- Detachable carriage truck can achieve the car and car container combination and separation. At the same time on the bulk cargo is to achieve self-unloading homework.

*We can provide OEM if the customer need*





<b>Vehicle name</b>	<b>25 Tons Carriage Removable Garbage Truck</b>
Engine Model	YYD5250ZXXD5
Vehicle brand name	Heng Ba
Manufacture	Hebei Yuanda Special Purpose Vehicle Manufacturing Co., Ltd
Chassis brand	Dongfeng Motor Co., Ltd
Chassis Type	DFL1250A13
Maximum speed (Km/h)	90
Engine type	ISD245 50
Engine Rates Power (KW)	180
Fuel Type	Diesel
Axle weight (kg)	7000 、 18000
ABS	YES
Emission Stand	Europe IV
Over Dimension (mm)	8380*2500*3070
Hook ability	20000kg
Wheel base (mm)	4350+1350
control method	Hydraulic + Electric control
Maximum total mass (kg)	25000
Vehicle quality (kg)	11980



## 3 Tons Road Sweeper Truck





## 3 Tons Road Sweeper Truck

### Introduction

Road Sweeper Truck can be used in washing and clean city, highway, park, airport, wharf, tunnel, bridge, separating wall, curb and kern.

### Purpose

- The Road Sweeper Truck is using cleaning and high-pressure wash working together, Garbage collection, Sewage recovery to wash and sweep the road. It has 9 ways to work: full wash, left wash, right wash, full sweep, left sweep, right sweep, full wash and sweep, left wash and sweep, right wash and sweep.
- Using highly pressure water pump, fan and working device by vice engine. The function have: sweep road, clean and wash road, high pressure wash, washing curbs, garbage collection, sewage recovery, spray and cleaning road wall.
- Chassis device: In the middle of two legislation sweep, in the middle of Ultra wide mouthpiece, inside have high pressure water spray bar and the high pressure spray bar in left and right side.
- Using ultra wide mouthpiece, inside have long row of high pressure water spray bar is near the ground, have a big water impact force, can be direct make the sewage to suction port, efficient. It can change the long row of nozzle's angle to clean road.
- With advanced technology of high pressure waterway control system, when high pressure water pump working and Working water valve changed, the water pump can automatic unloading. Inside of garbage we setting two systems, one is automatic unloading, another is High pressure spray cleaning device.

*We can provide OEM if the customer need*



Vehicle name	3 Tons Road Sweeper Truck
Engine Model	YYD5070TXSQ5
Vehicle brand name	Heng Ba
Manufacture	Hebei Yuanda Special Purpose Vehicle Manufacturing Co., Ltd
Chassis brand	Qingling Automobile Co., Ltd
Engine Model	4KH1CN5HS
Chassis Type	QL1070A5KAY
Maximum speed (Km/h)	110
Maximum inhalation size (mm)	100
Engine Rates Power	96
Vice Engine	JX493ZG3
Vice Engine Power (kw)	64
Fuel Type	Diesel
Emission Stand	Europe III
Over Dimension (mm)	6330*2000*2600
Sweep width (mm)	≥3000
Wash width(m)	3.1
Wheel base (mm)	3815
Pump Maximum Pressure(Mpa)	10
Operating speed(km/h)	3~20
Pump flow((L/min)	80
Wash rate (%)	≥96
Max Clean (m <sup>2</sup> )	65000
Clear water tank volume (m <sup>3</sup> )	4.5
Garbage Bin Discharge angle	≥48°
Dustbin Volume (m <sup>3</sup> )	3
Maximum total mass (kg)	7300
Vehicle quality (kg)	5520





# 8 Tons Road Sweeper Truck





## 8 Tons Road Sweeper Truck

### Introduction

Road Sweeper Truck can be used in washing and clean city, highway, park, airport, wharf, tunnel, bridge, separating wall, curb and kern.

### Purpose

- The Road Sweeper Truck is using cleaning and high-pressure wash working together, Garbage collection, Sewage recovery to wash and sweep the road. It has 9 ways to work: full wash, left wash, right wash, full sweep, left sweep, right sweep, full wash and sweep, left wash and sweep, right wash and sweep.
- Using highly pressure water pump, fan and working device by vice engine. The function have: sweep road, clean and wash road, high pressure wash, washing curbs, garbage collection, sewage recovery, spray and cleaning road wall.
- Chassis device: In the middle of two legislation sweep, in the middle of Ultra wide mouthpiece, inside have high pressure water spray bar and the high pressure spray bar in left and right side.
- Using ultra wide mouthpiece, inside have long row of high pressure water spray bar is near the ground, have a big water impact force, can be direct make the sewage to suction port, efficient. It can change the long row of nozzle's angle to clean road.
- With advanced technology of high pressure waterway control system, when high pressure water pump working and Working water valve changed, the water pump can automatic unloading. Inside of garbage we setting two systems, one is automatic unloading, another is High pressure spray cleaning device.

*We can provide OEM if the customer need*



Vehicle name	8 Tons Road Sweeper Truck
Vehicle Model	YYD5160TXSQ5
Vehicle brand name	Heng Ba
Manufacture	Hebei Yuanda Special Purpose Vehicle Manufacturing Co., Ltd
Chassis brand	Dongfeng Commercial Vehicle Co., Ltd
Engine Model	ISD210 50(State V)
Chassis Type	DFL1160BX1V
Maximum speed (Km/h)	98
Engine Rates Power (kw)	155
Vice Engine	Cummins Automotive Engine Co., Ltd
Vice Engine Power (kw)	118kw/2500rpm
Fuel Type	Diesel
Emission Stand	EuropeIV
Over Dimension (mm)	8730*2490*3050
Sweep width (mm)	≥3500
Wash width(m)	4.1
Low wash width(m)	≥24
Wheel base (mm)	5000
Operating speed(km/h)	3~20
Wash rate (%)	≥96
Suction width(m)	2.4
Max Clean (m <sup>2</sup> )	70000
Maximum inhalation size(mm)	110
Suction nozzle suction wind speed(m/s)	50-65
Clear water tank volume (m <sup>3</sup> )	9
Stainless steel bin volume (m <sup>3</sup> )	7
Maximum total mass (kg)	15800
Vehicle quality (kg)	11650
Tire size	10.00R20





# 6CBM Watering-Cart







## 6CBM Watering-Cart

### Introduction

The water-cart is using on road clearing, wash tree, grass, road, construction of factories and mines and High altitude building rinse. With water, dust, spray, barrier rinse, water, drainage and emergency fire and other functions.

### Purpose

- The tank part is made of high quality manganese plate The tank uses advanced butt welding technology
- After the tank is treated with shot peening
- Oval-shaped tank body has a professional design anti-wave structure, which can effectively prevent the tank inside the water shaking, shock, to ensure that the vehicle center of gravity stability
- Inside the tank with anti-corrosion treatment, can extend the service life
- 

### Achieved

- Front and rear sprinkler, side spray, platform artillery operations
- Self-contained water
- External fire joint operation
- Gravity flow
- High pressure water spray
- Fog spray dust

*We can provide OEM if the customer need*



Vehicle name	6 CBM Water-Cart
Engine Model	YYD5080GSSD5
Vehicle brand name	Heng Ba
Manufacture	Hebei Yuanda Special Purpose Vehicle Manufacturing Co., Ltd
Chassis brand	DongFeng Motor Co., Ltd
Chassis Type	EQ1080SJ8BDC
Tire size	7.50R16
Emission Stand	Europe III
Over Dimension (mm)	6800*2200*2400
Engine Power (kw)	115
Sprinkle width (m)	≥14
Sprinkle water(l/m <sup>2</sup> )	≥0.2
Gun flow (l/min)	≥100
Gun range(m)	≥20
Depth of water absorption (m)	≥6
Maximum speed (Km/h)	103
Maximum gross mass (kg)	8275
Complete vehicle kerb mass (kg)	4190
Effective volume(m <sup>3</sup> )	6
Wheelbase (mm)	3800
Piping configuration	<p>The pipe spray system is arranged in the bottom of the container, which consist of water pipes, front spray nozzles, sprinklers, side spray, high pressure water guns, fog spray, CRJ fittings, fire fittings, rough filters and ball valves.</p> <p>Front Punch Piping Pneumatic ball valve control switch, left and right to install one, independent control</p> <p>Behind the sprinkler system by the five-way manual valve control switch, side spray, after sprinkler, valve control switch, side spray, after sprinkler, high pressure water gun, independent control</p>



# 16 CBM Watering-cart





## 16 CBM Watering-cart

### Introduction

The water-cart is using on road clearing, wash tree, grass, road, construction of factories and mines and High altitude building rinse. With water, dust, spray, barrier rinse, water, drainage and emergency fire and other functions.

### Purpose

- The tank part is made of high quality manganese plate The tank uses advanced butt welding technology
- After the tank is treated with shot peening
- Oval-shaped tank body has a professional design anti-wave structure, which can effectively prevent the tank inside the water shaking, shock, to ensure that the vehicle center of gravity stability
- Inside the tank with anti-corrosion treatment, can extend the service life
- 

### Achieved

- Front and rear sprinkler, side spray, platform artillery operations
- Self-contained water
- External fire joint operation
- Gravity flow
- High pressure water spray
- Fog spray dust

*We can provide OEM if the customer need*





Vehicle name	16 CBM Water-Cart
Engine Model	YYD5250GSSD5
Vehicle brand name	Heng Ba
Manufacture	Hebei Yuanda Special Purpose Vehicle Manufacturing Co., Ltd
Chassis brand	DongFeng Motor Co., Ltd
Chassis Type	DFL1250A13
Tire size	11.00R20 16PR
Engine Size	ISD245 50
Engine power (kw)	180
Emission Stand	Europe III
Over Dimension (mm)	9480*2500*3070
The length and height of the tank(mm)	6200*2300*1450
Operating speed (km/h)	5~10
Sprinkle width (m)	≥14
Sprinkle water(l/m <sup>2</sup> )	≥0.2
Gun flow (l/min)	≥100
Gun range(m)	≥25
Depth of water absorption (m)	≥6
Maximum speed (Km/h)	90
Maximum gross mass (kg)	25000
Complete vehicle kerb mass (kg)	11460
Effective volume(m <sup>3</sup> )	14.08
Wheelbase (mm)	4350+1350
	The pipe spray system is arranged in the botton of the tank,which consist of water pipes, front spray nozzles, sprinklers, side spray, high pressure water guns, fog spray, CRJ fittings, fire fittings, rough filters and ball valves.
Piping configuration	Front Punch Piping Pneumatic ball valve control switch, left and right to install one, independent control  Behind the sprinkler system by the five-way manual valve control switch, side spray, after sprinkler, valve control switch, side spray, after sprinkler, high pressure water gun, independent control



# 16 CBM Green Spray Truck





## 16 CBM Green Spray Truck

### Introduction

The water-cart is using on road clearing, wash tree, grass, road, construction of factories and mines and High altitude building rinse. With water, dust, spray, barrier rinse, water, drainage and emergency fire and other functions.

### Purpose

- The tank part is made of high quality manganese plate
- The tank uses advanced butt welding technology
- After the tank is treated with shot peening
- Oval-shaped tank body has a professional design anti-wave structure, which can effectively prevent the tank inside the water shaking, shock, to ensure that the vehicle center of gravity stability
- Inside the tank with anti-corrosion treatment, can extend the service life

### Achieved

- Front and rear sprinkler, side spray, platform artillery operations
- Self-contained water
- External fire joint operation
- Gravity flow
- High pressure water spray
- Fog spray dust

*We can provide OEM if the customer need*



Vehicle name	16 CBM Green Spray Truck
Engine Model	YYD5250GPSD5
Vehicle brand name	Heng Ba
Manufacture	Hebei Yuanda Special Purpose Vehicle Manufacturing Co., Ltd
Chassis brand	DongFeng Motor Co., Ltd
Chassis Type	DFL1250A13
Engine Model	ISD245 50
Engine Power (kw)	180
Tire size	11.00R20 16PR
Fuel Type	Diesel
Emission Stand	Europe III
Over Dimension (mm)	9950*2500*3215
The length and height of the tank(mm)	6600*2200*1400
Operating speed (km/h)	5~10
Sprinkle width (m)	≥14
Sprinkle water(l/m <sup>2</sup> )	≥0.2
Gun flow (l/min)	≥100
Gun range(m)	≥25
Depth of water absorption (m)	≥6
Maximum speed (Km/h)	90
Maximum gross mass (kg)	25000
Complete vehicle kerb mass (kg)	11760
Effective volume(m <sup>3</sup> )	13.69
Wheelbase (mm)	4350+1350
Piping Configuration	The pipe spray system is arranged in the bottom of the tank, which consists of water pipes, front spray nozzles, sprinklers, side spray, high pressure water guns, fog spray, CRJ fittings, fire fittings, rough filters and ball valves.
	Front Punch Piping Pneumatic ball valve control switch, left and right to install one, independent control
	Behind the sprinkler system by the five-way manual valve control switch, side spray, after sprinkler, valve control switch, side spray, after sprinkler, high pressure water gun, independent control





# Multi-Function Dust Suppression Car





## Multi-Function Dust Suppression Car

### Introduction

The vehicle is mainly used in anti-aircraft dust (far) process of pesticide spray, coal mine, port, dock dust, industrial and mining enterprises in specific places. Using on epidemic prevention, sterilization and disinfection in disaster area. Also can used in city's haze and dust removal.

### Purpose

- The dust suppression vehicles with mobility, the fog system can be electronically controlled operation. It spray out the atomization uniform, high, far and wide rang. High efficiency and save water.
- The tank is made of high quality manganese plate. Tank interior using advanced butt welding technology, internal use of anti-corrosion treatment, after tank welding, it's checked by gas pressure.
- The tank's shape is square, the internal use of dashboard structure that can prevent the water shaking and impact inside the tank. Enhance vehicle and tank's stability. Increase of service life.
- It has sprinkler's function. The low pressure spray operation and fog gun spray operation can be work together. The fog guns
- have a separate power unit. It can be operated by electronic control

*We can provide OEM if the customer need*



Vehicle name	Multi-Function Dust Suppression Vehicle
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Vehicle Model	YYD5160TDYD5
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Vehicle brand name	Heng Ba
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Manufacture	Hebei Yuanda Special Purpose Vehicle Manufacturing Co., Ltd
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Chassis brand	Dongfeng Commercial Vehicle Co., Ltd
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Engine Model	ISD18050
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Chassis Type	DFL160BX1V
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Maximum speed (Km/h)	98
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Engine Rates Power	132
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Fuel Type	Diesel
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Emission Stand	Europe IV
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Over Dimension (mm)	9000*2500*3810
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Wheel base (mm)	4500
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Approach angle / departure angle(°)	17、12
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Front / rear suspension(mm)	1430 、 2430
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Rated load (kg)	5695
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Maximum total mass (kg)	15800
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Vehicle quality (kg)	9910
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# 5 CBM Sewage Suction Truck







## 5 CBM Sewage Suction Truck

### Introduction

Sewage suction truck is collect, transport, clean up transport sludge, sewage that to avoid the second pollution of environmental sanitation vehicles. Mainly applicable to collecting, transporting sludge, sewage and other liquid matters.

The special part is composed of a force taking device, drive shaft, vacuum suction pump, pressure tank, hydraulic parts, piping system, vacuum pressure gauge, depending on dirty window, composed of special equipment, vehicle configuration for high power vacuum suction pump and the quality of the hydraulic system, a tank head spinning, the tank can be open, double dump. The dirt in the tank can be dumped directly through the rear cover.

The suction hose is always immersed in the liquid, the air in the tank by suction, make the pressure in the tank below the atmospheric pressure. The soiling solution enter the tank through the sewage suction pipe.

Or because of the rainbow Straw near the bottom of the tank, the air is continuously discharged into the tank, and is compressed because there is no way out, causing the tank pressure higher than atmospheric pressure, the dirty liquid under the action of compressed air, the rainbow Straw, suction tube discharge

tank. Pumping full time: less than 5min, the absorption process is not less than 8m. The utility model has the advantages of simple operation, self-suction, self-discharging, high work efficiency, airtight transportation, etc.

*We can provide OEM if the customer need*



Vehicle name		5 CBM Sewage Suction Truck	
Engine Model	YYD5080GXWD5		
Vehicle brand name	Heng Ba		
Manufacture	Hebei Yuanda Special Purpose Vehicle Manufacturing Co., Ltd		
Chassis brand	Dongfeng Motor Co., Ltd		
Chassis Type	EQ1080SJ8BDC		
Maximum speed (Km/h)	103		
Engine type	CY4SK251		
Engine Rates Power	115		
Fuel Type	Diesel		
Front / rear suspension(mm)	1130 、 1570		
Tank volume ( m³)	4.57		
Emission Stand	Europe IV		
Over Dimension (mm)	6500*2100*2520		
Approach angle / departure angle(°)	19、 12		
Wheel base (mm)	3800、 3308、 4100		
Rated load (kg)	3490		
Maximum total mass (kg)	8275		
Vehicle quality (kg)	4590		
Tire size	7.50R16		
Optional engine	Engine type	Engine Rates Power	
		YC4FA130-50	95
		ISF3.8s5141	105
		ZD30D15-5N	110
		4DX23-140E5	105
	YN38CRE1	95	



# Fecal Suction Truck





## Fecal Suction Truck

### Introduction

YYD5070GXED5 fecal suction truck is Hebei Yuanda Special Purpose Vehicle Manufacturing Co., Ltd production of small fecal suction truck, using Dongfeng Motor Co., Ltd. production EQ1070SJ3BDF truck chassis to meet the national standard V. The vehicle is mainly composed of automobile chassis, storage manure tank, vacuum pump transmission system, vacuum piping system, suction manure device, control and control system and safety protection system and so on. Mainly for urban and rural sanitation departments sucking and transporting manure and other waste water. It is suitable for sucking manure, sewage, sludge and liquid with small suspended debris. It is suitable for municipal sanitation, large and small industrial and mining enterprises, district, school, septic tank clean-up, urban pipeline cleaning, factory biogas slurry cleaning and so on.

### Purpose

- The tank part is made of high quality manganese plate. The tank adopts the advanced butt - welding technology. After the tank is welded, the gas pressure leak detection is used to spray the paint, so that the tank has the characteristics of high strength, good sealing and safety balance and so on.
- The tank is oval, the internal use of anti-wave plate structure, which can effectively prevent the tank inside the liquid dirt shaking, the impact of the internal use of anti-corrosion treatment to extend the service life.

*We can provide OEM if the customer need*





Vehicle name	Fecal Suction Truck
Engine Model	YYD5070GXED5
Vehicle brand name	Heng Ba
Manufacture	Hebei Yuanda Special Purpose Vehicle Manufacturing Co., Ltd
Chassis brand	DongFeng Motor Co., Ltd
Chassis Type	EQ1070SJ3BDF
Engine Size	CY4BK551
Engine Rated Power (kw)	75
Wheel base (mm)	3308, 2800
Fuel Type	Diesel
Emission Stand	Europe IV
Over Dimension (mm)	5998*1980*2500
Appe/Dep(°)	20 16
Tank volume(m³)	4.5
Front Truck (mm)	1503,1485, 1519
Rear Truck (mm)	1494, 1516
Maximum speed (Km/h)	99
Maximum gross mass (kg)	7360
Complete vehicle kerb mass (kg)	3790
Rated load (kg)	3440
Front/Real Overhang	1040/1650

	Engine Model	Power (Kw)
Engine can be choose	YC4FA115-50	85
	4B2-115C50	85
	ZD30D13-5N	96
	D28D11-5DA	85
	4DW93-84E5	64
	YN27CRE1	70
	YN33CRE1	85
	SD4D25R-70	70
	4DX23-120E5	90
	D25TCIE2	96
	4F20TCIE5	70



# Multi-Purpose Garbage Bin





## Multi-Purpose Garbage Bin

### Introduction

It does can collect bulk garbage and bottled garbage bin to achieve the garbage bin fixed storage and fixed-point delivery.

It's used on garbage treatment in the city, easy and convenient to use. Create a green civilized living environment for human.

### Purpose

- Achieving the garbage fixed point delivery.
- Its can used with 3 tons Hook Arm Car together, become side loading garbage transfer car.
- Closed performance is good. Ensure no dust or leakage during transportation, avoid secondary pollution.  
Convenient loading, mechanical or manual loading, suitable for bulk garbage removal and transportation.
- Easy to dump, the car built-in tipping mechanism, when the garbage to the designated place, hang a force device, a key dumping.
- Large load, vehicle structure is simple, light weight, the relative increase in loading.
- Easy to maintain, long service life.
- Turn the bucket body, can flip 120L, 240L, 480L standard plastic garbage can. Optional dustpan body.

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### Garbage Bin Parameter

appellation	parameter
Over Dimension (mm)	3863*2067*1710
Overall Weight(kg)	1160
Hook box time(s)	≤30
Unloading time(s)	≤30
Bucket on the time(s)	≤10
Bucket under the time(s)	≤10
Dumping time(s)	≤30
Dumping return time(s)	≤22
Hook height(mm)	923

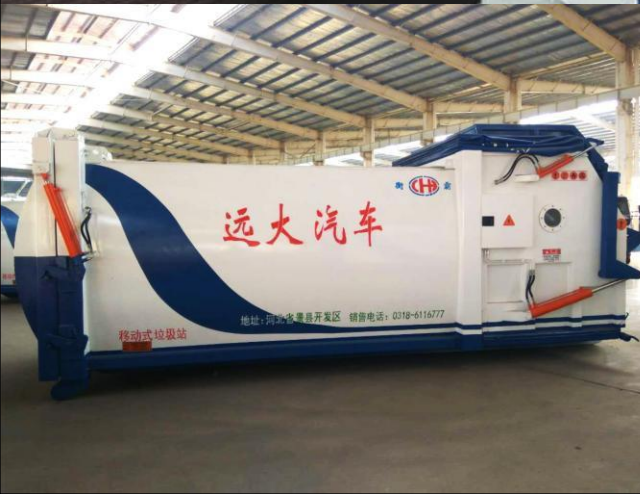
### Hook Truck Parameter

appellation	parameter
Over Dimension (mm)	5400*1980*2160
Maximum gross mass (kg)	7360
Complete vehicle kerb mass (kg)	4340
Rated load (kg)	2890
Wheel base (mm)	3308
Front/Real Overhang(mm)	1040/1167
Axle load	2640/4720
Chassis type	EQ1070SJ3BDF
Engine Size(YUCHAI)	YC4FA115-50





# Mobile Garbage Compression Station





## Mobile Garbage Compression Station

### Introduction

The “Heng Ba” mobile garbage compression is a combination of compressor and box, which is not separated in the process of collecting, compressing and transferring rubbish. Apply to industrial, office, commercial and residential areas, squares, markets, communities and other garbage transport. Don't need to build a specific foundation, both to save the cost of civil construction and convenient and flexible, save time and use of space, and no secondary pollution.

### Purpose

- The use of flexible, do not need a specific foundation and civil construction.
- Supporting the use of high utilization of vehicles, generally a pull truck can be equipped with 4-6 my company's garbage station.
- No secondary pollution, 100% of the anti-sewage leakage.
- Stable structure, large compression ratio, low noise, low operating costs.
- Pull the button box remote control, so that the operator more convenient.

*We can provide OEM if the customer need*



Vehicle name	Mobile Garbage Compression Station
Vehicle brand name	Heng Ba
Manufacture	Hebei Yuanda Special Purpose Vehicle Manufacturing Co., Ltd
Hopper type	one-piece
Box volume (m <sup>3</sup> )	20
System normal pressure (Mpa)	16
Power of motor (kw)	5.5(380V)
Maximum compression force of compressor (KN)	360
Compression head single stroke compression (m <sup>3</sup> )	1.4
A compression cycle time (s)	23~33
Compacted density (t/m <sup>3</sup> )	0.75
Effective volume of compression chamber (m <sup>3</sup> )	3
Over Dimension (mm)	6385*2550*2584
Effective width of hopper(mm)	1870
Hopper lifting mechanism lifting force (t)	2.5
Effective volume of hopper (m <sup>3</sup> )	2.6
Maximum operating noise (dB)	≤65
Oil temperature in the tank (°C)	<60
Insulation resistivity of equipment (MΩ)	350
No-load running pressure of compressor (Mpa)	3
Back door working cycle time (s/1500r/min)	5~8
Hopper garbage delivery cycle time (s/1500r/min)	5~8
Push plate compresses a working cycle time (s/1500r/min)	18~25
Back door open angle (°)	85
Remote control distance (m)	30
Unhook center from the ground height (mm)	1570
The bottom 2 stringers with outer space (mm)	1060
Stop 15 min oil cylinder rod settlement when the hopper lifting mechanism is full load (mm)	2



## 240L Steel Garbage Bin



### Product Parameter

Model: GTL-240L-YD

Material Quality: High quality and high strength steel plate Thickness: 15mm

Volume: 240L

Size: 960×580×635(mm)

### Introduction

Steel garbage bin made of high-quality high-strength steel plate stamping welded. Inside and outside of the garbage bin is resistant acid and alkali, corrosion and high temperature. On the top of the garbage bin is thickened and strengthened. It can be used with mechanical lifting device or sanitation vehicle. Bottom of the garbage bin is thickened and strengthened. It is not easy to deform and wear, extended service life.

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## 240ML Plastic Garbage Bin



### **Product Parameter**

Model: STL-240L-YD

Material Quality: HDPE material

### **Purpose**

The garbage bin adopts the HDPE new material one – time injection molding and corrosion resistant. It has sufficient mechanical strength and good impact toughness. The top of the bin can be strengthened with a double reinforcing bar, witch can ensure that the garbage bin and the barrel roll are tightly bonded during the connection operation.

The drop marks on the garbage bin, the mark sprayed used special materials and will not fall off during use.

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## 02LBX Garbage Transfer Bin



### Main Features

- The box is fully enclosed, which avoids the garbage secondary pollution caused by transportation.
- The box body is integrally sealed, the bottom plate is smooth, and the high strength steel plate is adopted in the tail door of the box body to avoid deformation.  
The box is sprayed with antirust paint, so it has corrosion resistance, acid resistance, alkali resistance, the paint film is smooth and appearance is beautiful.
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Product Model	02LBX Garbage Transfer Bin
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Over Dimension (mm)	2150*1490*1248
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Overall Weight (kg)	280
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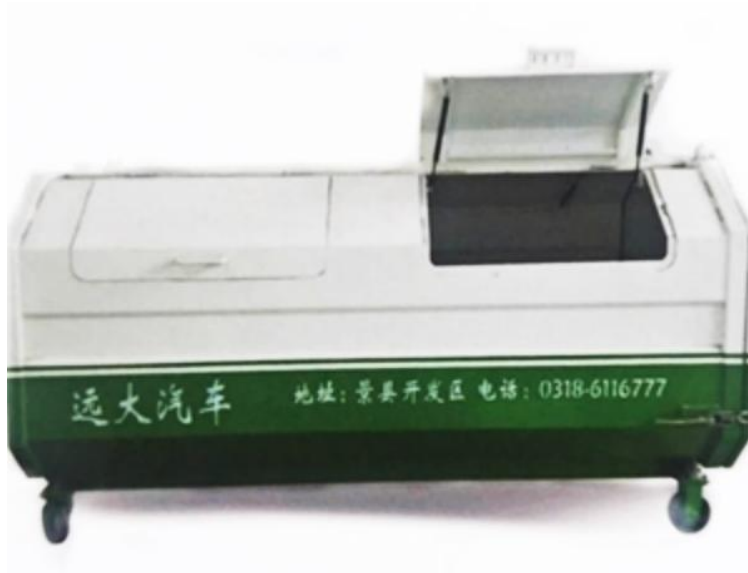
Hook Hight (mm)	1015
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Material	Q345
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## 03LBX Garbage Transfer Bin



### Main Features

- The box is fully enclosed, which avoids the garbage secondary pollution caused by transportation.
- The box body is integrally sealed, the bottom plate is smooth, and the high strength steel plate is adopted in the tail door of the box body to avoid deformation.
- The box is sprayed with antirust paint, so it has corrosion resistance, acid resistance, alkali resistance, the paint film is smooth and appearance is beautiful.

Product Model	03LBX Garbage Transfer Bin
Over Dimension (mm)	2620*1620*1244
Overall Weight (kg)	330
Hook Hight (mm)	875
Material	Q345

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**THANK YOU FOR YOUR WATCHING**