



Heavy Duty Cleaning And Sewage Suction Truck For Industrial Waste Management

Our Product Introduction

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Basic Information

- Place of Origin: China
- Brand Name: suction truck
- Certification: suction truck
- Model Number: suction truck
- Minimum Order Quantity: 1
- Price: 160000 US dollars
- Packaging Details: not have
- Delivery Time: 100day
- Payment Terms: T/T
- Supply Ability: 1000



Product Specification

- Highlight: Waste Management Sewage Suction Truck,
Industrial Sewage Suction Truck,
Heavy Duty Cleaning Sewage Suction Truck



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Product Description

Product Introduction:

The cleaning and suction truck is a specialized sewer cleaning and suction truck developed and manufactured using European technology. The car adopts the chassis of Heavy Duty Truck Shandeka, imported high flow high-pressure pump system, stable high-pressure water jet, and reliable quality. The Italian Roots vacuum pump system has a high suction capacity, simple maintenance, and can operate 24/7 to meet various harsh working conditions. The suction boom system, fully remote-controlled and automated operation, greatly reduces the workload of operators. This vehicle is widely used for dredging and emergency rescue of urban municipal main drainage pipelines and dredging operations of pumping stations. It can also be extended to hydraulic non-destructive excavation equipment.

Top domestic high-end chassis

Using the heavy truck Shandeka National VI chassis, sourced from German Manca technology, German Manca engine, European style cab, it integrates environmental protection, energy saving, and high efficiency, with high aesthetics and top quality.

Larger tank capacity

The total volume is about 18m³, and the volume of sewage and clean water can be freely distributed. It is recommended that the clear water tank should be no less than 4 cubic meters.

More advanced core technologies

Using a dedicated transfer case for power take-off, both output ports can achieve full power take-off, providing ample power and perfectly matching high-power specialized equipment. The dredging and suction functions can be used simultaneously. Adopting the most advanced vacuum pump system in Europe - air-cooled Roots pump, it has a small volume, light weight, and high pumping force, with a maximum vertical suction range of over 18 meters. It works in all weather and geographical conditions, and is not afraid of severe cold. The cyclone type two-stage shut-off valve ensures the safety of the vacuum pump. Adopting European original imported high-pressure water pump, with stable flow and pressure, reliable quality, and not easily damaged.

More reasonable structural design

Adopting a front mounted hydraulic cylinder design, the overall center of gravity is more balanced and the structure is more reasonable.

A more user-friendly operating experience

Tank lifting, tank door opening; The tilting and lifting of the tank body, as well as the opening of the tank body back cover, are both controlled by electric hydraulic systems, which have a high degree of automation and effectively reduce the labor intensity of operators, ensuring safety and reliability.

Safer protection measures

Intelligent protection system ensures the normal operation of core components. Low water level protection system; Automatic alarm when the water level is low, preventing the high-pressure water pump from working due to water shortage and protecting the high-pressure water pump; Configure quadruple protection device; The quadruple protection system can effectively prevent flooding, and the top of the tank is equipped with a check valve, which can effectively protect the safety of the vacuum pump. The key accessories are all imported brands.

A more comprehensive attachment system

Standard self-developed ceramic nozzle set, optional Italian or Swiss imported special nozzles, imported high-pressure rubber hoses

底 bottom tray	External dimensions:	9600×2520×3910 mm
	Total mass:	25000kg
	Rated load capacity:	9305kg
	Curb weight:	15500kg
	Chassis model:	ZZ5256XXYN504GF1
	Type:	6×4,平 柴油
	Engine model:	MC07H.35-60
	Maximum engine power:	257 kW
	Exhaust emissions:	国六
	wheelbase:	4300+1350mm
	Transmission	HW10档箱
	tire	11.00R20
取力 方 式torque extractio n way	Transfer case	Equipped with four driving windows: 1) one for driving the vacuum pump; 2) One is used to drive a high-pressure water pump; 3) Two are used to drive various hydraulic devices and can operate simultaneously
unmixed wash part	Clear water tank capacity:	5.8m ³
	Tank material:	carbon steel

divide	Internal coating:	Epoxy anti-corrosion coating
	Section shape of clear water tank	rotundity
	Tank thickness:	6mm
	High pressure pump brand	Pratissoli
	High pressure pump model:	MW 45
	Flow rate/pressure	332L/170Bar
	Rated speed:	1800rpm
	Rotation angle of high-pressure reel	$\geq 160^{\circ}$
	Inner diameter of high-pressure rubber hose	25mm
	Length of high-pressure rubber hose	100m
	Nozzle	Ceramic nozzle nozzle three piece set
	Protection system	Low water level electronic alarm with one click speed reduction and water cut-off protection
	Automatic Pipe Arranger	Automatically arrange the rubber hoses neatly into the reel
	Winter antifreeze	Blowing and Drainage System
	Cleaning system	15 meter cleaning small coil with spray gun
absorb slops part divide	Sewage tank capacity:	12m ³
	Sectional shape of sewage tank	rotundity
	Tank thickness	6mm
	Vacuum pump type	High vacuum forced air-cooled Roots pump
	Vacuum pump brand:	JUROP
	Vacuum pump model:	PVT 400
	Vacuum pump flow rate:	2600m ³ /h
	Maximum vacuum degree:	92%
	rated speed	2800RPM
	Suction distance	$\geq 18\text{m}$
	Diameter of inlet/outlet valve	4寸/6寸 气
	Positive and negative voltage switching	Large caliber four-way valve
	Tank lifting method	Front oil cylinder lifting
	Opening method of rear tank door	Hydraulic activation
	Rear tank door locking method	Six point hydraulic lock
	Protection system	Four level protection system (first level anti overflow valve, cyclone type, second level shut-off valve, anti overflow cut-off valve, electronic anti overflow alarm)
absorb slops	function	Can rotate and move back and forth, up and down, left and right (remote control operation)
	Expansion size mm	1500

hang arm	Horizontal rotation angle	270°
	Diameter of boom straw	4 inch
	Suction pipe	One 20m metal jet tube
control system	Integrated electrical control box, manual/remote control, simple and convenient, low learning cost	
Reverse image	When reversing, you can observe the condition behind the car from inside the driver's cab	



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