



Versatile C12500 Waste Water Suction Truck For Industrial Cleaning

Our Product Introduction

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Basic Information

- Place of Origin: China
- Brand Name: Cleaning suction truck C12500
- Certification: Cleaning suction truck C12500
- Model Number: Cleaning suction truck C12500
- Minimum Order Quantity: 1
- Price: 180000 dollar
- Packaging Details: standard
- Delivery Time: 100 day
- Payment Terms: T/T
- Supply Ability: 1000



Product Specification

- Highlight: C12500 Waste Water Suction Truck, Versatile Waste Water Suction Truck, Industrial Cleaning Waste Water Suction Truck



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Product Description

- Cleaning suction truck C12500
- Main purpose and characteristics of the vehicle
- Vehicles are used for the suction, transportation, and loading and unloading of sewage and sludge from various underground sewage pipelines, manholes, and sedimentation tanks of pumping stations. They can also be used for the suction, transportation, and dredging of sewage, industrial waste oil, and wastewater from large factories and mining enterprises, as well as for the dredging and dredging of small rivers. A specialized sewer cleaning and suction truck developed and manufactured using European technology. The car adopts a heavy-duty chassis and an imported high flow high-pressure pump system, with stable high-pressure water jet and reliable quality. The Italian Roots vacuum pump system has a high suction range, simple maintenance, and can operate 24/7. Vacuum pump, with large displacement, low noise, high vacuum degree, suction distance of over 100 meters, and vertical suction range of 10-25 meters.
- Top domestic high-end chassis
- Using the chassis of the heavy truck HOWO National VI, German MAN technology engine, and a novel 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 12.5m³, 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 4.5 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
- The sewage inside the tank is separated and filtered through a vehicle mud water separation and sewage reverse discharge system, and then discharged back into the underground pipeline. The materials can also be sent to a material warehouse at a certain height.
- Hydraulic rotary telescopic boom, capable of horizontal extension, up and down lifting, and left and right rotation, with strong adaptability to working environments.
- Hydraulic open back cover, with high degree of automation, can effectively reduce the labor intensity and danger of operators.

project name		Parameters
Whole vehicle	Vehicle Name	Clean the suction truck
	Product series	C12500系列
	chassis	Heavy Duty Truck HOWO
	wheelbase	5800
	Total weight kg	18000
	Dimensions mm	8430×2530×3400
engine	emission standard	National VI
	Power kw	228
	fuel type	diesel oil
Vacuum suction system (imported)	Tank volume m3	12.5
	Diameter of suction pipe	4英寸
	Air displacement	2600m3/h
	operate	integrated operations
	pumping time	≤4
	Vertical suction distance m	≥20m
	Sewage suction boom system	可伸,旋,俯仰
High voltage section	Imported high-pressure pump	Working flow rate: 270L/min, maximum pressure: 170bar, high-pressure hose length: 100 meters, automatic pipe discharge device.
Mud water separation reverse discharge system	Mud water separation discharge	It can instantly separate mud and water on site without sedimentation waiting, and the separated sewage can be pressurized and discharged back into the sewer pipeline through the suction pipe. Vehicles do not need to travel back and forth, improving operational efficiency and reducing vehicle usage costs

operate		Remote control operation within a range of 50 meters, including suction, reverse discharge, and other functions
Emergency safety protection		Install emergency safety protection switches on the vehicle operation panel to ensure the safety of vehicle equipment and personnel in emergency situations



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