

Kaiser. Performance counts.



# *Hercules*

Premium range dry vacuum vehicle

**DRY SUCTION**

# ALL DETAILS AT A GLANCE



High-pressure water pump



Head filters



High-tipping system



Suction boom



Control panel



Pump compartment



Access filter chamber



Filling sensor



Blowing ejector

## TECHNICAL SPECIFICATIONS AND EQUIPMENT

# Hercules

	3-Axle Truck	4-Axle Truck
Tank volume (l)	9000 - 12000	12000 - 15000
Payload (kg)	5300 - 7500	9000 - 11000
Dimensions LxBxH (mm)	9000x2500x3960	10200x2500x3960

### Noise and freeze protection

- > Sound-absorbing compartment for positive displacement lobe pump and high-pressure water pump (option) with 2 inspection doors
- > Oversized air intake and exhaust
- > For operating down to -30° Celsius
- > Short and covered tubes and lines

### Options

- > Fan radiators
- > Diesel heater

### Remote control

- > Suction boom control
- > Positive displacement lobe pump on/off
- > Start/stop and speed control of the truck engine
- > Filter cleaning
- > Suction/pressure mode
- > Vibrators on/off
- > Option: water pump on/off

### Vacuum system

- > Positive displacement lobe pump SIAV-8702 with suction capacity of 9690 m³/h free airflow, maximum vacuum rate of 90% and 1 bar overpressure  
or  
screw compressor Aerzen VML 95 with suction capacity of 7260 m³/h free airflow, maximum vacuum rate of 85% and up to 2 bar overpressure
- > Filter system with 72 round-shaped head filters, mounted in stainless steel chamber with hydraulic emptying hatch
- > The blower is driven directly by a cardan shaft, without any belt drive

### Options

- > Suction boom with 8" suction hose, 270° hydraulically slewable, reach up to 6750 mm, 1400 mm hydraulically extendable
- > Hydraulic suction hose reel
- > High-pressure water pump from 30 to 150 litres per minute water flow and maximum 200 bar pressure
- > Self-rewinding jetting hose reel with 18 m of DN10 hose
- > Hydraulic jetting hose reel with 60 m DN13 hose
- > Water tank, stainless steel or aluminium, capacity 350 to 800 litres
- > Shut-off valves for wet material with quick assembly
- > Automatic pressure adjustment valve for blowing
- > High-tipping system with hydraulic supporting legs

### Tank body

- > Tank made of stainless steel
- > Tilting cylinder for complete tank emptying
- > Filling sensor for dry and wet material
- > Hydraulically operated rear door

### Options

- > Blowing ejector
- > Sack-filling device
- > 8" gate valve
- > Boom valve
- > 6" emptying valve
- > Flanged suction pipe
- > Aluminium subframe
- > Double vibrators
- > Automatic filter cleaning

## FOR YOUR APPLICATION THE SUITABLE KAISER PRODUCT

### RECYCLING VEHICLES



Top performance and reliability under the most difficult sewer conditions.

- AquaStar
- Eco 3.0
- EcoCycler
- CityCycler
- EcoCombi
- CityCleaner

### WATER TREATMENT VEHICLES



Water treatment by means of vacuum distillation or flocculation.

- AquaStar WT
- VakuuDestillation
- KoIDry

### COMBINATION VEHICLES



Flexibility to handle a wide range of applications.

- Elegance 2.0
- AquaStar
- Combi Eur-Mark
- Tornado
- BasicLine

### JETTING AND VACUUM VEHICLES



Designed to meet the highest performance requirements in the respective field.

- Tornado
- Elegance 2.0
- Twister
- Special vehicles

### DRY VACUUM VEHICLES



High-performance vacuuming of dry and wet materials.

- Hercules
- Fenix
- Cerberus

### MOBILE-WALKING EXCAVATOR



Impressive technology to master tough challenges.

- S12 Allroad
- S10
- S2

### ROAD-RAIL EXCAVATOR



Perfectly matched to the application of the railway environment.

- S22RR

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