

Kaiser. Performance counts.



# *Elegance 2.0*

Flexibility to handle a wide range of applications



**COMBINED  
SEWER CLEANING**

# Elegance 2.0

## Top performance, outstanding reliability and excellent design

The Elegance 2.0 impresses with modern looks as well as robust and dependable technology. Decades of experience and cutting-edge development work are perfectly matched in this product line. It uses materials which unite low weight and high resistance.

Triplex plunger pumps are available for the high-pressure system, and KAISER vane pumps or positive displacement blowers for the vacuum system. The respective pumps are located between the driver's cab and the tank. The components are hydraulically or mechanically driven depending on power requirements. This is performed by means of the power take-off on the carrier vehicle or a separate intermediate gearbox.

## Versatility and high operator comfort

The well-conceived modular system allows the configuration of a broad spectrum of vehicles, from the compact 2-axle vacuum vehicle to the top-of-the-range 4-axle combination vehicle. The option of side-mounted water tanks in polyethylene or stainless steel enables the tank layout to be optimally adapted to the needs of the individual customer.

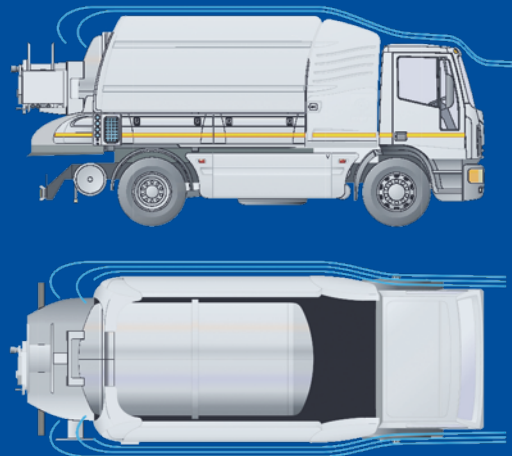
Vehicle operation has been designed with a focus on simple handling. A wide range of additional options as well as different suction boom versions, various jetting hose reels or ADR / ATEX round off the Elegance series.



## DESIGN AND FUNCTIONALITY



INTELLIGENT DESIGN  
ISN'T JUST VISIBLE –  
IT'S ALSO PALPABLE.  
SUPERSTRUCTURE  
AND CARRIER VEHICLE  
FORM A PERFECTLY  
COORDINATED WHOLE.





DETAILS AT A GLANCE



Combined suction/jetting boom



Attractively designed side panels with side-mounted water tanks



Sludge tank dewatering



Additional feed pump



Drainage control



Radio remote control



Street washing bar



Approvals



## TECHNICAL SPECIFICATIONS AND EQUIPMENT

Tank capacity	2-Axle Truck (18 to)	3-Axle Truck (26 to)	4-Axle Truck (32 to)
Sludge tank capacity (l)	5500 - 7300	10000 - 11400	12750 - 15000
Water tank capacity (l)	2700 - 5300	3000 - 5600	3200 - 5500
Wheelbase (mm)	3690 - 4300	3100 - 4500	4300 - 5300

### Operation and control

- Control panel towards the rear of the vehicle
- Radio remote control with all the relevant operating functions
- Memory function for performance parameters (option)

### High-pressure water system

- High-pressure pumps with flow rates of 68 l/min and 50 bar up to 410 l/min and 170 bar
- Jetting hose reel at side with manual or hydraulic drive for HP hoses of 1/2" to 3/4", with manual or forced winding
- Jetting hose reel at rear with hydraulic drive for HP hoses of 3/4" to 1 1/4"; with hydraulically slewable or fixed mounting including forced winding
- Jetting hose reel model KSA for the combination of HP jetting hose and suction hose
- Winter protection for temperatures of -5° to -20° C

### Vacuum system

- Rotary vane vacuum pumps with water cooling and air flow rates of 984 m³/h to 1700 m³/h
- Rotary piston vacuum pumps with air flow rates of 1550 m³/h to 3900 m³/h
- Rear suction hose reel hinged, suction hose reel on tank in simple construction or with hose boom, for suction hoses with a diameter of 80, 100, 120 or 150 mm
- Various hydraulic suction boom types in 4", 5", 6", as basic or extended version

### Tank structure

- Tank in carbon steel or stainless steel
- Tank structure with individual tank layout
- Tipping system for complete emptying of the tank

## SUPERSTRUCTURE DESIGN AND OPTIONS

### Modular superstructure design

The Elegance line offers different versions for the ideal combination of fresh water and sludge tank, while simultaneously ensuring optimal axle load distribution and maximum payload.



Fresh water in front section of the tank, with permanent separation from sludge tank



Fresh water in side-mounted water tanks in polyethylene or stainless steel



Combination of fresh water tanks at front and sides

### High-pressure and vacuum pumps



Rotary piston or rotary plunger vacuum pumps



Triplex high-pressure pumps

### Suction boom



Combined suction/jetting boom



Spiral suction boom



Telescopic suction boom



Standard suction boom



Suction hose reel



Telescopic suction boom 360°

### Jetting hose reel



Slewable reel



Fixed reel

### Accessories



Winter protection



Metre counter



**KAISER MORO ELEGANCE, THE FIRST SEWER CLEANING VEHICLE WITH A CLEAR DESIGN LANGUAGE**

## 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 flocculation.

AquaStar WT

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.

Cerberus

Hercules

### HYDROVACS



High productivity with a rugged and reliable technology.

CV-Series

Urban X

### MOBILE-WALKING EXCAVATOR



Impressive technology to master tough challenges.

S12 Allroad

S12 4x4

S10

S2

### ROAD-RAIL EXCAVATOR



Perfectly matched to the application of the railway environment.

S22RR