

Kaiser. Performance counts.



Cerberus

Multifunctional and powerful



**HIGH-PERFORMANCE DRY
AND WET SUCTION UNIT**

Cerberus

High-performance vacuuming

The Cerberus is designed to perform heavy-duty vacuum operations and leaves no room for compromise, no matter if used as a dry or wet suction unit or as a suction excavator. The KAISER MORO vacuum system incorporates high-vacuum blowers with an air flow rate ranging from 6000 m³/h to a maximum level of 16500 m³/h at a maximum vacuum of 93%. The tremendous performance of the twin-boost version pushes the limit of suction applications to the performance of a suction excavator. For maximum versatility, dry and wet material can be sucked through separate vacuum lines.

Quietness and easy servicing combined with maximum efficiency

To guarantee maximum user comfort and enable deployment of the Cerberus in urban surroundings, the stainless steel cowling is internally panelled with acoustic insulating material to reduce noise emissions. The filter bags are cleaned by means of counter-current compressed air jets. The automatic filter chamber cleaning not only allows easy maintenance but also continuous working.

Multifunctionality

The Cerberus can become a multifunctional vehicle thanks to a modular concept that enables the basic range of applications to be extended:

- A high-tipping mechanism allows the loaded material to be discharged at a maximum height of 2350 mm into containers or big bags.
- A fully hydraulic articulated four-segment suction boom/arm with a suction hose diameter of 250 mm can be installed on the rear door of the tank.
- A blow ejector can be fitted to perform blowing operations such as roof gravelling with a max. over-pressure of 1.2 bar.
- A high-pressure water pump makes it possible to carry out even small jetting applications.

The fields of application for the Cerberus are numerous and include, among others, construction sites, oil refineries, cement plants, foundries and chemical industries.



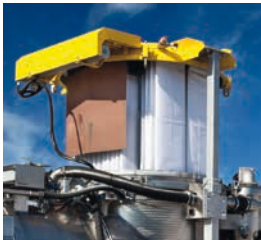
DETAILS AT A GLANCE



Suction boom



Excavation arm



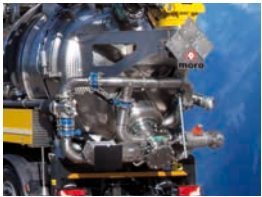
Dry suction filters with filter bag lifting system



Cyclone filter for wet suction application



High-performance vacuum blowers



Ejector



Radio remote control



Control panel



Soundproof cabinet



TECHNICAL SPECIFICATIONS AND EQUIPMENT

	3-axle truck (26 to)	4-axle truck (32 to)
Tank capacity (ltrs)	9000	12000

Operation and control

- Control panel mounted on the side of the vehicle
- Radio remote control with all relevant operating functions

Vacuum system

- High-vacuum blower with an air flow rate of either 6000 m³/h, 10500 m³/h or 16500 m³/h in the twin-boost version at a max. vacuum of 93%
- Max. overpressure of 1.2 bar available as option
- Liquid material suction plant available as option
- Fully hydraulic suction boom DN 200 or fully hydraulic articulated four-segment excavation arm DN 250
- Blow ejector system for roof gravelling operations and silo loading

Tank structure

- Tank in carbon steel or stainless steel
- Filter chamber in stainless steel
- Tipping system for complete emptying of the tank
- High-lift tilting system for discharging material into big bags and containers available as option

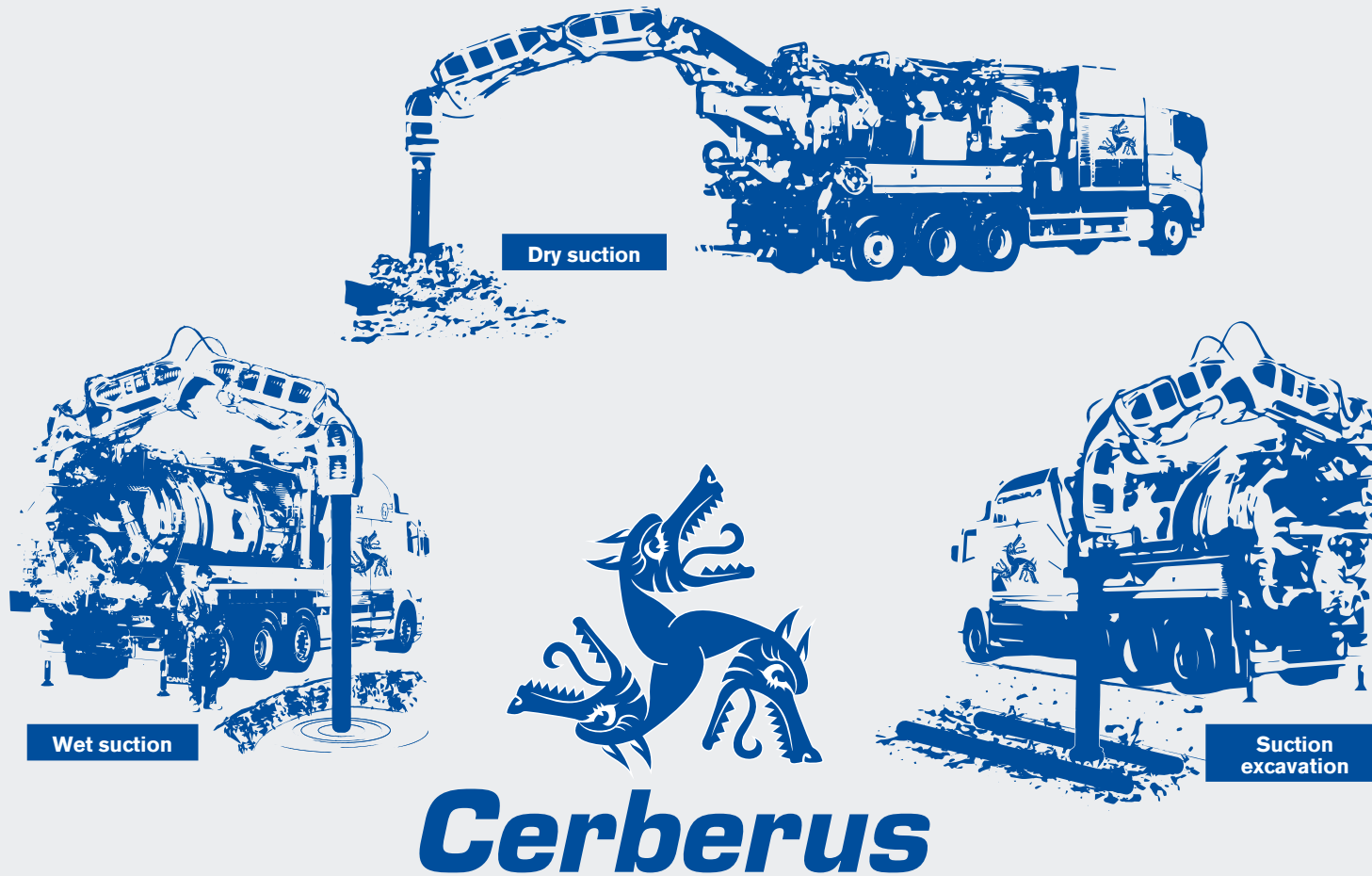
High-pressure water system

- High-pressure pump with a flow rate of 51 ltrs/min and 250 bar or 93 ltrs/min and 200 bar available as option
- Water tank in stainless steel with a capacity of 500 ltrs
- High-pressure hose reel with hydraulic drive for ½" high-pressure hose

Accessories

- Auxiliary air compressor and corresponding tools
- Rotating tube ROTOCRUNCH

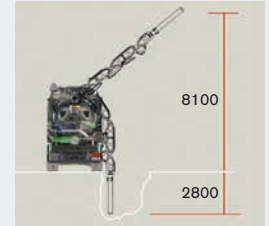
THREE POWERFUL FUNCTIONS UNITED IN ONE VEHICLE



Multifunctionality



High-tipping system



Fully hydraulic four-segment excavation arm



Twin boost



Ejector



High-pressure water system











Approvals



**MODULAR CONCEPT: FROM A DRY SUCTION UNIT
TO A MULTIFUNCTIONAL VEHICLE**

THE RIGHT KAISER PRODUCT FOR YOUR APPLICATION

RECYCLING VEHICLES	WATER TREATMENT VEHICLES	COMBINATION VEHICLES	JETTING AND VACUUM VEHICLES	DRY VACUUM VEHICLES	HYDROVACS	MOBILE WALKING EXCAVATOR	ROAD-RAIL EXCAVATOR
							
AquaStar	AquaStar WT	Elegance 2.0	Tornado	Cerberus	CV-Series	S12 Allroad	S22RR
Eco 3.0	KoIDry	AquaStar	Elegance 2.0	Hercules	Urban X	S10	
EcoCycler		Combi Eur-Mark	Twister			S8 Allroad / S8	
CityCycler		Tornado	Special vehicles			S2	
CityCleaner		MicroCombi					
		BasicLine					



The international focus on modern environmental technologies has led to the growing importance of efficient, high-performance vehicles for sewer cleaning and industrial disposal. The KAISER Group is the leading player in the world market.