

Kaiser. Performance counts.



EcoCycler

Reliable in toughest conditions



**COMBINED SEWER CLEANING
AND WATER RECYCLING**

DETAILS AT A GLANCE



Intuitive vehicle operation with multifunction display and optional radio remote control



Change-over valve for fast switch between vacuum and pressure mode



Telescopic suction boom KSR10 or suction boom KSR71 for joint positioning of suction and jetting hose



Winter safe due to water circulation or additional heating system



Quick and complete tank emptying due to tipping system and integrated cleaning nozzles



Stainless steel tank with ROTOMAX water recycling system



KAISER lock ring for safe tank cover operation and debris splash protection

TECHNICAL SPECIFICATIONS

Dimensions 3-Axle Truck

Sludge/fresh water volume (l)	7500/2700
Payload (kg)	10000
Dimensions L x W x H (mm)	8800 x 2500 x 3450

Data can vary depending on level of equipment and type of chassis

Vacuum system

- KAISER liquid ring vacuum pump KWP2000i with a suction capacity of 2000 m³/h and a maximum vacuum of 0.85 bar
- Telescoping suction boom KSR10 with 300° hydraulically swivel and up/down function
- Change-over head for fast switch from suction to pressure mode

Options

- KWP3100i with a suction capacity of 3100 m³/h and a maximum vacuum of 0.85 bar
- Suction boom KSR71 for joint positioning of suction and jetting hose, 180° swivel, suction hose max. 17.5 m extendable and up/down function



KAISER pressure transformer KDU – Jetting pump

The pressure transformer principle developed by KAISER proves its worth in daily use as the perfect solution for cleaning sewers, especially when combined with water recycling.

High pressure system

- KAISER high pressure water pump KDU148 with a jetting capacity of 320 litres per minute and a maximum pump pressure of 200 bar
- ROTOMAX water recycling system with backflushing device
- Jetting reel with capacity of 220 m 1" high pressure jetting hose and with 180° hydraulically swivel
- Tank cleaning nozzles
- Tank dewatering system

Options

- Hand reel with capacity of 80 m ½" jetting hose
- Jetting capacity 350 litres per minute
- Winter protection, optionally up to -5° or -15° Celsius
- Fresh water spraying system for cleaning applications



KAISER liquid ring pump KWP – Vacuum pump

In the KWP housing, an eccentric rotor produces a ring of water using centrifugal power. This construction type features high resistance to dirt particles and is ideally suited to vacuuming wet and dry media.

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Control system

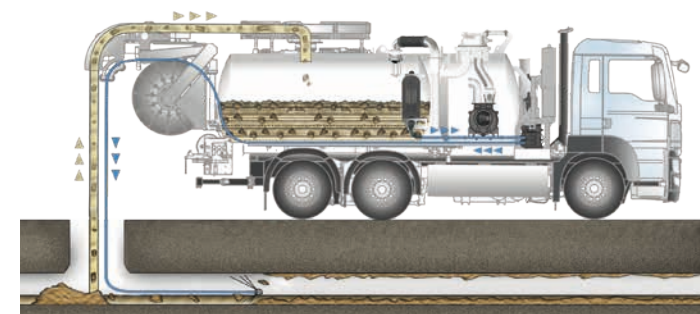
- Integrated control panel at the jetting hose reel and further control elements in the side box
- 4,3" color display

Options

- Radio remote control for suction boom and hose reel operation, for operating the vacuum and high-pressure pump as well as the diesel engine

Tank superstructure









- Debris tank in stainless steel
- Fresh water in stainless steel chamber with built-in vacuum pump
- Separator with automatic drainage
- Tank cover with lock ring
- Tipping system for complete emptying of the tank



KAISER ROTOMAX – Water recycling system

The centrepiece of the ROTOMAX water recycling system is an oscillating rotary filter drum. Built into the front part of the sludge tank, this one-stage filter system separates solids from sewer water.

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	KoDry	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.