

Kaiser. Performance counts.



EcoCycler/Combi

High performance under arctic conditions

**COMBINED SEWER CLEANING
& WATER RECYCLING**

ALL DETAILS AT A GLANCE



Tank-in-tank



Hose cassette



Tipping system



Heated front compartment



Suction boom



Covered hose reels



Street washing bar



Rear control panel with IQAN display



Side control panel



ROTOMAX filter system

TECHNICAL SPECIFICATIONS AND EQUIPMENT

EcoCycler/Combi

	3-Axle Truck	4-Axle Truck
Fresh water/sludge tank volume (l)	6000 - 8000/ 6000 - 12000	8000 - 14000/ 6000 - 10000
Vehicle dimensions L x W x H (mm)	9600x2500x3450	10300x2500x3450
Wheelbase (mm)	4300+1350	3900+1350+1300

Freeze protection

- > For operating down to -30° Celsius
- > Heated back compartment for hose reel and gate valve protection
- > Heated front compartment for high-pressure water and vacuum pump
- > Heated side compartment for water lines and equipment
- > Short and covered tubes and lines

Options

- > Water circulation
- > 220V fan radiators

Control system

- > IQAN control system with CAN BUS
- > Side control panel
- > Rear control panel with display
- > Optional: GSM module for remote maintenance

Remote control

- > Suction boom and hose cassette
- > Suction hose reel
- > Jetting hose reel
- > Vacuum and jetting pump
- > Start/stop and speed control of the truck engine
- > Suction/pressure mode changeover
- > Gate valves

High-pressure system

- > KAISER high-pressure water pump KDU162 with jetting capacity of 340 litres per minute and 200 bar maximum pressure
- > Jetting hose reels with capacity of 120 m 1" and 60 m 1/2" high-pressure hose
- > Tank cleaning nozzles

Options

- > Jetting performance of 400 up to 700 liters per minute in combination with KDU148
- > Jetting hose 150 m 1 1/4"
- > Water recycling system ROTOMAX with backflushing device
- > Street washing bar
- > Water heater
- > Metre counter for jetting hose

Vacuum system

- > Hibon Roots-compressor VTB810XL with suction performance of 1800 m³/h and maximum vacuum rate of 90%
- > Hose cassette with 15 m of DN100 suction hose
- > Lightweight suction boom

Options

- > Suction performance of 2700 or 4600 m³/h
- > Additional hose reel with 30 m of DN75 suction hose
- > Hose cassette with DN125 suction hose
- > Longer suction boom with 2,2 m extension

Tank body

- > Tank made of stainless steel EN 1.4301
- > "Tank-in-tank" fresh water and sludge compartment
- > Hydraulic tipping
- > Hydraulically operated rear door

Options

- > Tank made of acid-proof steel EN 1.4401
- > Sludge tank divided into 2 different compartments
- > Tank in ADR execution

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

KAISER AG
Vorarlbergerstrasse 220
9486 Schaanwald, Liechtenstein
T +423 377 21 21
F +423 377 21 10
kaiserag@kaiser.li
www.kaiser.it

MORO KAISER S.R.L.
Via Pontebbana, 16
33080 Fiume Veneto (PN), Italy
T +39 0434 951 211
F +39 0434 957 786
infomoro@morokaiser.it
www.morokaiser.it

OY EUR-MARK AB
Jakobstadsvägen 39
66900 Nykarleby, Finland
T +358 20 73 45 800
F +358 6 781 3411
info@eurmark.fi
www.eurmark.fi

KAISER Fahrzeugtechnik GmbH
Gewerbestraße 4
6710 Nenzing, Austria
T +43 5525 641 80
F +43 5525 641 80 10
mail@kaiser-fahrzeugtechnik.at
www.kaiser-fahrzeugtechnik.at

KAISER Eastern Europe s.r.o.
Priemyselná 604/5
922 02 Krakovany, Slovakia
T +421 33 7353 500
F +421 33 7353 510
kaiser@kaiser-ee.sk
www.kaiser-ee.sk