EcoCycler/Combi
High performance under arctic conditions

COMBINED SEWER CLEANING
& WATER RECYCLING
ALL DETAILS AT A GLANCE

- Covered hose reels
- Suction boom
- Tank-in-tank
- Hose cassette
- Tipping system
- Heated front compartment
- Rear control panel with IQAN display
- Side control panel
- Street washing bar
- ROTOMAX filter system
TECHNICAL SPECIFICATIONS AND EQUIPMENT

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

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

<table>
<thead>
<tr>
<th>Fresh water/sludge tank volume (l)</th>
<th>3-Axle Truck</th>
<th>4-Axle Truck</th>
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<tbody>
<tr>
<td>Fresh water/sludge tank volume (l)</td>
<td>6000 - 8000/6000 - 12000</td>
<td>8000 - 14000/6000 - 10000</td>
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<tr>
<td>Vehicle dimensions L x W x H (mm)</td>
<td>9600x2500x3450</td>
<td>10300x2500x3450</td>
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<td>Wheelbase (mm)</td>
<td>4300+1350</td>
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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
- Short and covered tubes and lines

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 ½" 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 1¼" high-pressure hose
- Water recycling system ROTOMAX with backflushing device
- Street washing bar
- Water heater
- Metre counter for jetting hose
FOR YOUR APPLICATION
THE SUITABLE KAISER PRODUCT

<table>
<thead>
<tr>
<th>RECYCLING VEHICLES</th>
<th>WATER TREATMENT VEHICLES</th>
<th>COMBINATION VEHICLES</th>
<th>JETTING AND VACUUM VEHICLES</th>
<th>DRY VACUUM VEHICLES</th>
<th>MOBILE-WALKING EXCAVATOR</th>
<th>ROAD-RAIL EXCAVATOR</th>
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Top performance and reliability under the most difficult sewer conditions.

Water treatment by means of vacuum distillation or flocculation.

Flexibility to handle a wide range of applications.

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

High-performance vacuuming of dry and wet materials.

Impressive technology to master tough challenges.

Perfectly matched to the application of the railway environment.

Subject to change without notice. Technical specifications may change, depending on the chosen options and accessories. Art photos and diagrams are for illustration only.