



## Grey series

The ideal solution for lifting clean or slightly soiled wastewater in civil and industrial systems.

Top-notch industrial design meets highest quality manufacturing standards to provide for the trouble-free operation and unbeatable efficiency also of the new **Grey series** pumps.

These stand out with innovative, carefully selected materials and their simple, rational structure, that together guarantee easy installation and maintenance,

making them suitable for varied fields of application.

The incorporated motors keep energy consumption and operational noise levels low, and remain cool under operation.

Different hydraulics versions are available to choose from: multi-channel open impeller (**DRENO**), vortex impeller for integral free passage (**DRAGA**), single-channel open impeller (**MA**), a grinding system (**GR**), and high-head impeller (**AP**) too.

0.25 ÷ 1.5 kW

steel blue

Domestic / Residential

0.37 ÷ 22 kW

Grey

Civil / Light industrial

1 ÷ 355 kW

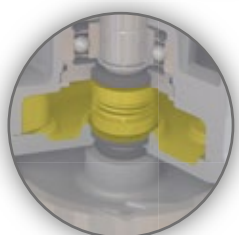
UNIQA

Professional / Heavy industrial / Depuration



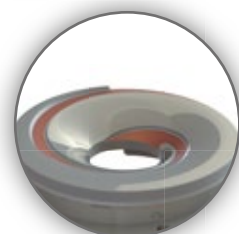
### MECHANICAL SEALS + V-RING

The two silicon carbide mechanical seals in closed, examinable oil chamber remain unaffected by solids and fibers in the wastewater.



### OIL CHAMBER

The large, examinable oil chamber enhances the service life of the mechanical seals.



### ANTI-CLOGGING SYSTEM

A specially trimmed profile in the hydraulics surface expels solids and prevents the obstruction of the impeller.



## UNIQA Chopper series

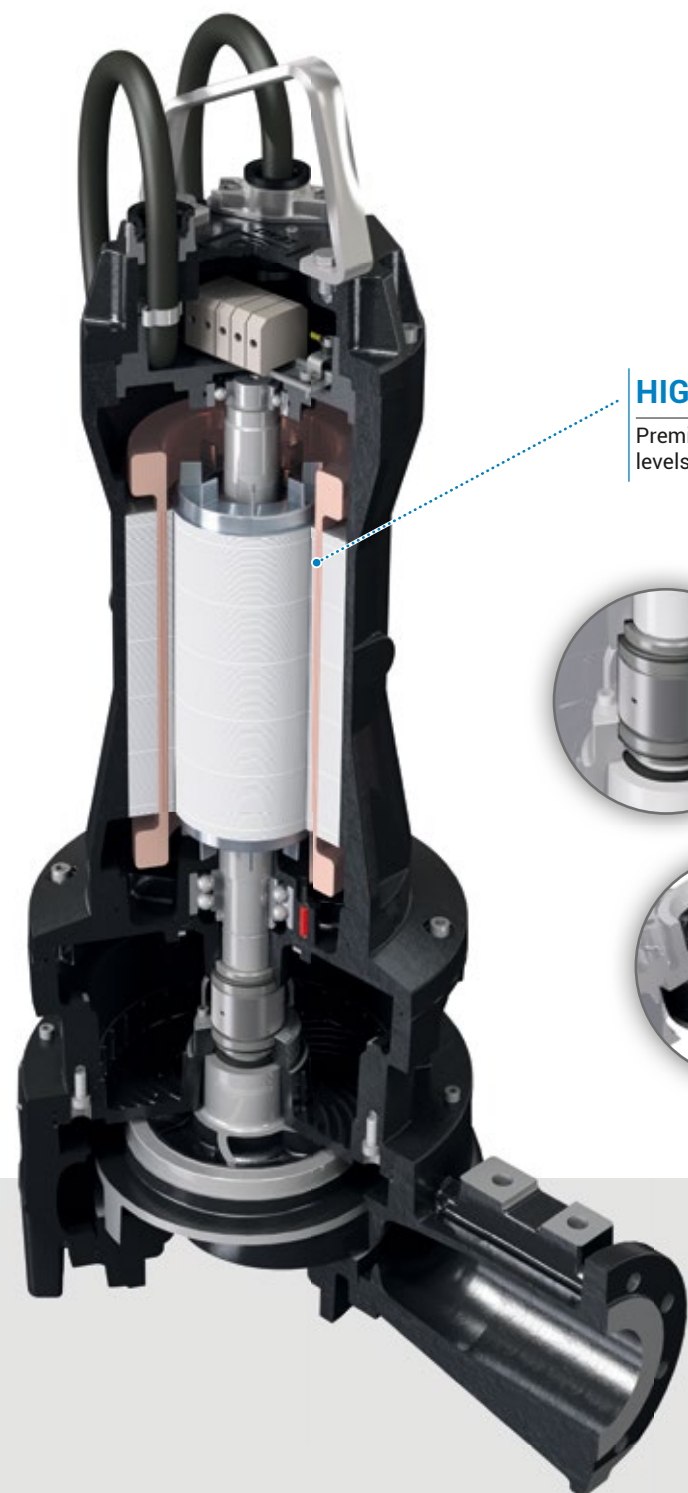
The ultimate solution to combat pump and pipeline fouling when lifting heavily soiled fluids with solid waste contents.

The Zenit **UNIQA** range has been enhanced by new series of high-efficiency pumps with chopper-knife hydraulics that are designed especially to eliminate by maceration any destructible solids in the wastewater.

The meticulously engineered pumps show excellent resistance to mechanical stress and wear thanks to

carefully selected innovative materials, such as molybdenum carbide.

The heart of the system is a strong knife with sharp edge that is set flush against the grinder impeller blade and is thus capable to finely chop solids of any shape and material. This not only prevents the impeller from jamming but also hinders the build-up of residues inside the hydraulics and along the pipeline surface, and guarantees the care-free operation of the lifting station.



### HIGH EFFICIENCY MOTOR

Premium IE3 efficiency motors guarantee high performance levels and low energy consumption.



### MECHANICAL SEALS

The two silicon carbide mechanical seals in examinable oil chamber are protected from the solids and fiber contents in the wastewater.



### HYDRAULICS

High-efficiency hydraulics with channel impeller and chopper system macerates any solids or filaments in the wastewater and eliminates the risk of blockages and fouling.



## UNIQA Mixer series

New range of cast iron mixers with self-cleaning propellers from 200 to 800 mm diameter.

High-efficiency motors with direct transmission (0.75-4 kW) with 4, 6 or 8 poles and reduction gears in the range from 4 to 18.5 kW, in 4 and 6 poles.

Featuring.

- Low running costs through the incorporated premium efficiency IE3 motors;
- Suitable for tanks of any shape and size;

- Wide variety of installation accessories allows for the correct positioning at any point in the tank.
  - Easy installation and maintenance.
- They are mainly used in equalisation, homogenisation and denitrification processes, for phosphate extraction and where liquids have to be mixed or stirred to reduce sedimentation.

0.75 ÷ 4 kW

Propeller Ø 200 mm  
Propeller Ø 300 mm  
Propeller Ø 450 mm

4 - 6 - 8 poles  
DIRECT TRANSMISSION

4 ÷ 18.5 kW

Propeller Ø 550 mm  
Propeller Ø 650 mm  
Propeller Ø 800 mm

4 - 6 poles  
REDUCTION GEARS



### MECHANICAL SEALS

Double silicon carbide mechanical seal in oil chamber with leakage sensor.

### RUNNER

Stainless steel runner for installation on square post of 50, 60, 80 or 100 mm.

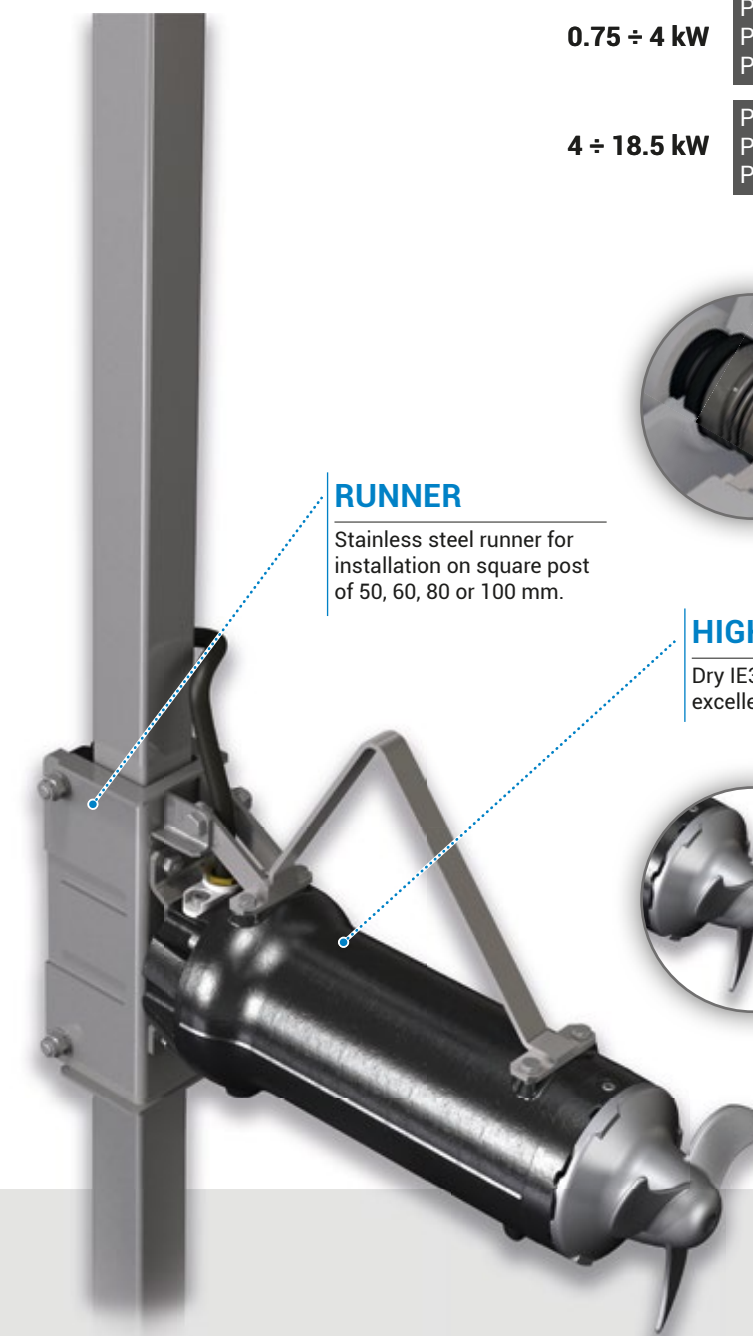


### HIGH EFFICIENCY MOTOR

Dry IE3 premium-efficiency motors with thermal protection for excellent performance and energy saving.

### PROPELLER

Three-bladed self-cleaning AISI 316 propeller guarantees high hydraulic efficiency and low maintenance costs.







## What is ZENIT CUBE

Zenit Cube is our innovation incubator.

It is our new stage where we will be sharing online with you news, ideas, solutions to the challenges you are coming across; a platform to present new conceptual products and services in search of dialog with you, our committed partners around the world.

Zenit Cube is not an outsourced extension of our dynamic R&D department. It is an expression of our corporate philosophy to involve, and to listen to the voice of partners and employees alike in search of product and service improvements. It has naturally evolved from our values:

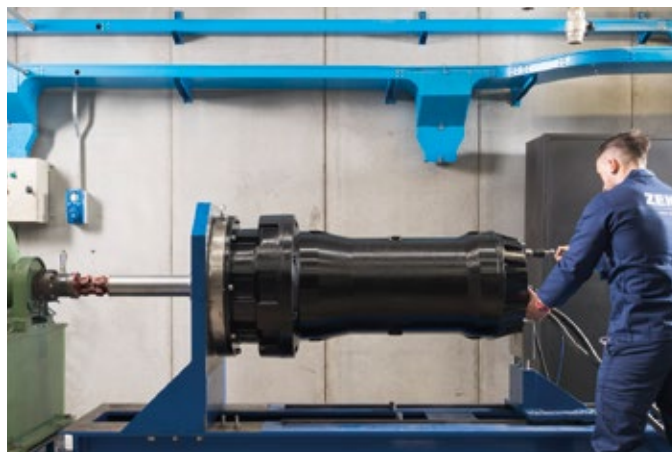
Innovation – Efficiency - Customer Focus

Zeno Cube is inspiration. Your ideas and demands have helped re-shaping and re-creating Zenit throughout the years. On so many occasions your meticulous insights have been translated into the design of new products and have inspired a variety of new services.

Zenit Cube is the pulse of our stakeholders around the world. It is your stage too, so make sure to pay a visit regularly and share your opinions with us.



**ZENITCUBE**  
incubating innovation



## ZENO NAVIGATOR

Zenit Cube is not only about products and providing solutions to technical challenges, but is also meant to develop new tools to support our stakeholders in their daily business.

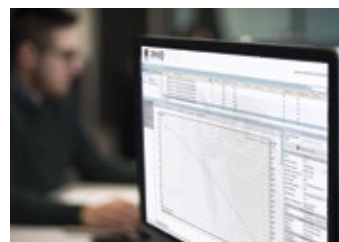
Zeno Navigator is one of those instruments to aid the research and configuration of Zenit products and spare parts in an easy, intuitive manner. It is available offline too.

**Zeno Pump Selector**, also available as smartphone app for Android and iOS, is the new online toolbox that facilitates the extremely precise calculation, selection and configuration of electrical submersible pumps. The process may be initiated either by using the requested duty point and type of application, or by browsing the thesaurus of available models for pump replacement in existing installations or for system upgrade.

The selection software takes care of all necessary calculations and suggests the Zenit pump best suited to your needs. Simultaneously, you are offered access to the full technical documentation for the selected product – curves, data and performance sheets, materials specification, dimensional drawings, manuals, spare parts, etc.

**Zeno Spare Parts** is your original Zenit spare parts selection companion. With the help of several smart filters, based either on the pump's serial number, product code, or description it is an easy task to find the correct spare part. Creating a purchasing order straight from the selection software is a quick and easy task. Zeno Spare Parts saves your time and increases your personal efficiency in the process of pump maintenance.

With your personal user account, in the same welcoming and easy to follow software environment, you can create, save for future use, recover and edit project documents, review reports and statistics on shipments and spare parts.



# zeno

NAVIGATOR SUITE

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GET IT ON Google play

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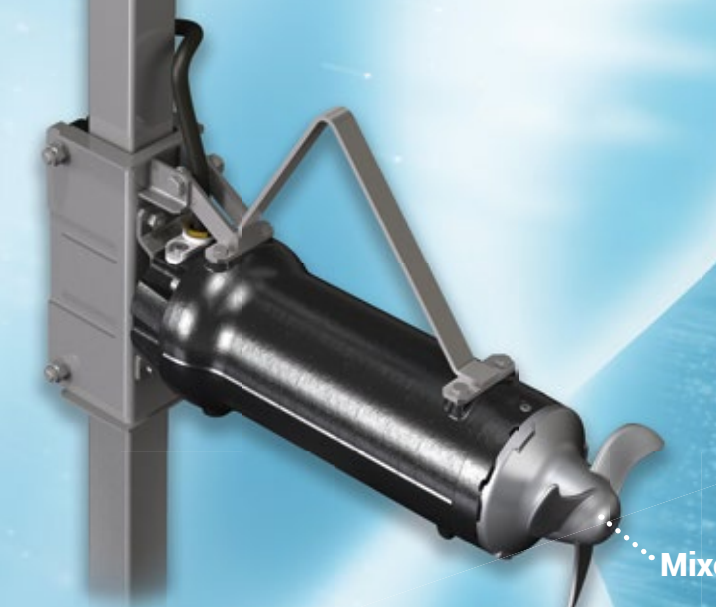


water solutions

Code: 29040021241800000  
Version: 0



water solutions



series  
**Grey**  
**CHOPPER**  
UNIQA  
**Mixer**  
UNIQA

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