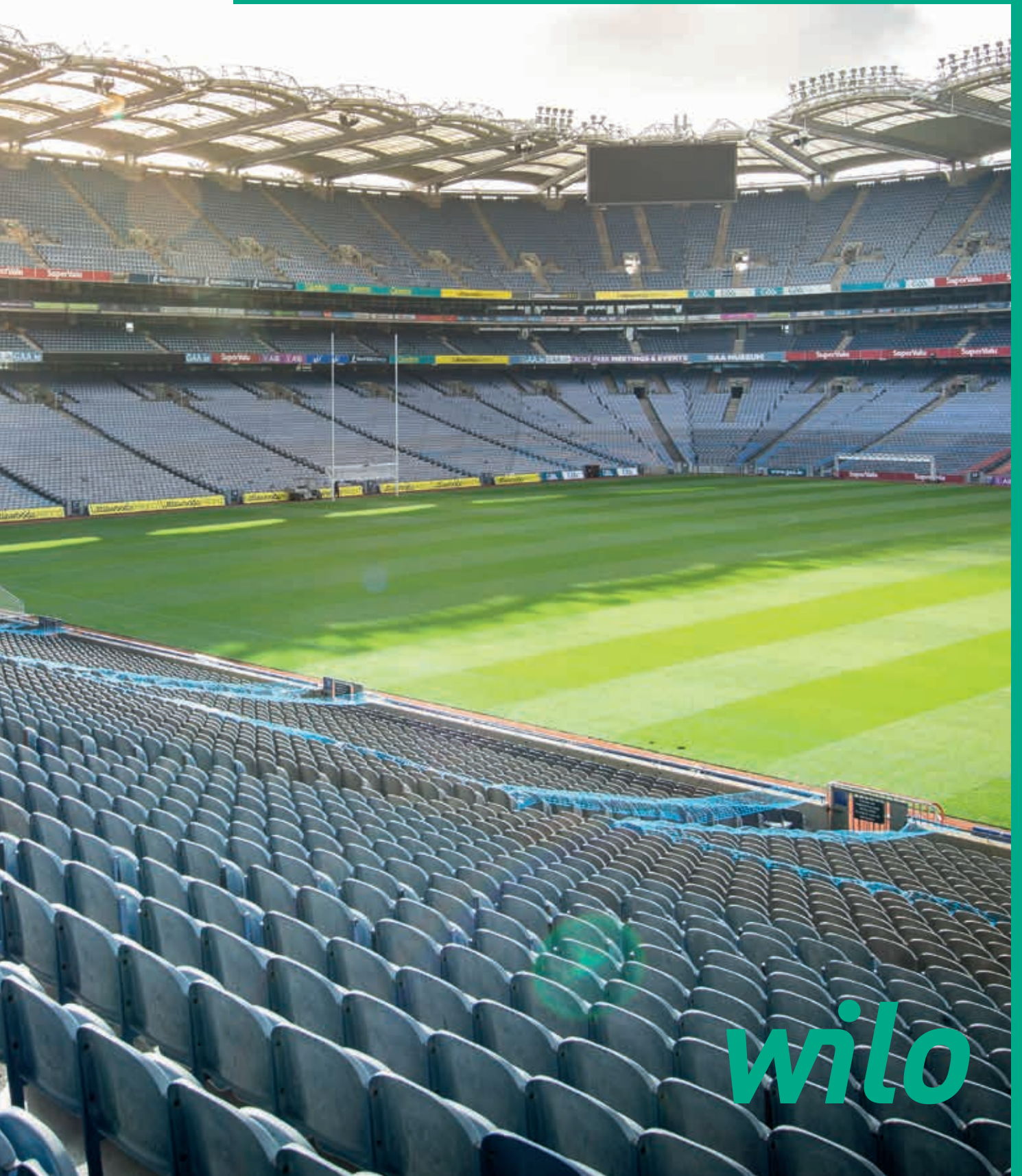


SOLUTIONS

for Smart Urban Areas



Recreation



wilo

GROWING SMART

Urbanisation will advance rapidly in the coming decades. More and more people will move from the country to the city. City infrastructure will be tested to its limits. At the same time, climate change is necessitating a fundamental realignment to CO₂-neutral energy management.

In order to meet these challenges while making the cities of the future fit places to live, people around the world are coming up with intelligent, digital concepts for cities: Smart Urban Areas.

In Smart Urban Areas, urban infrastructure and many areas of life are connected with each other digitally and intelligently. They can be divided into six zones. These zones represent different requirements and functions.

Wilo develops customised, energy-efficient and smart solutions to meet the various challenges.

SMART URBAN ZONES



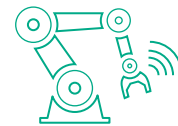
RECREATION



COMMERCIAL
& INSTITUTION



HOUSING & LIVING



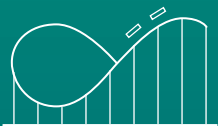
INDUSTRY



TRANSPORTATION
& INFRASTRUCTURE



AGRICULTURE



RECREATION

This zone comprises all recreational areas such as leisure parks, opera houses and sports stadiums. Visitor flows to these facilities typically fluctuate considerably. This places water systems under unusually high strain at short notice and requires them to be able to handle intermittent peaks in demand with maximum reliability so that users do not notice any changes.

Wilo's customised, reliable solutions for this challenging area of water supply ensure the efficient irrigation of green areas in parks and sports stadiums, guarantee functional wet areas even under extremely high stress, and deliver a smooth water flow for whitewater rides and a concentrated water supply for fountains.

When it comes to water disposal, our products provide a particularly dependable solution for wastewater transportation, preventing outages and ensuring continuous operation.



SIGNAL IDUNA PARK

DORTMUND, GERMANY

HVAC, Water Supply



CROKE PARK

DUBLIN, IRELAND

Water supply, Drainage
and Sewage, Service



VODAFONE PARK BEŞİKTAŞ, TURKEY

HVAC, Water Supply



AL THUMAMA STADIUM

DOHA, QATAR

Water Supply



STADIUM MOVISTAR

BUENOS AIRES, ARGENTINA

HVAC



OLYMPIC STADIUM CENTRE

BEIJING, CHINA

HVAC



ICEBERG SKATING PALACE

SOCHI, RUSSIA

HVAC, Water Supply



CHESTER ZOO

CHESTER, UNITED KINGDOM

HVAC, Water Supply



THERMAL BATH BUCHAREST

BUCHAREST, ROMANIA

Water Supply, Drainage & Sewage, Service



LOTTE WATERPARK

GIMHAE, SOUTH KOREA

HVAC, Water Supply, Drainage & Sewage



OPERA DUBAI

DUBAI, UAE

HVAC



MUSEO NACIONAL DE BELLAS ARTES DE CUBA

HAVANNA, CUBA

Water Supply



LAND OF LEGENDS

ANTALYA, TURKEY

HVAC, Water Supply, Drainage & Sewage





EXPO 2017
KAZAKHSTAN PAVILION
NUR-SULTAN, KAZAHKSTAN
Water Supply

EXPO 2020 SAUDI ARABIA PAVILION DUBAI, UAE

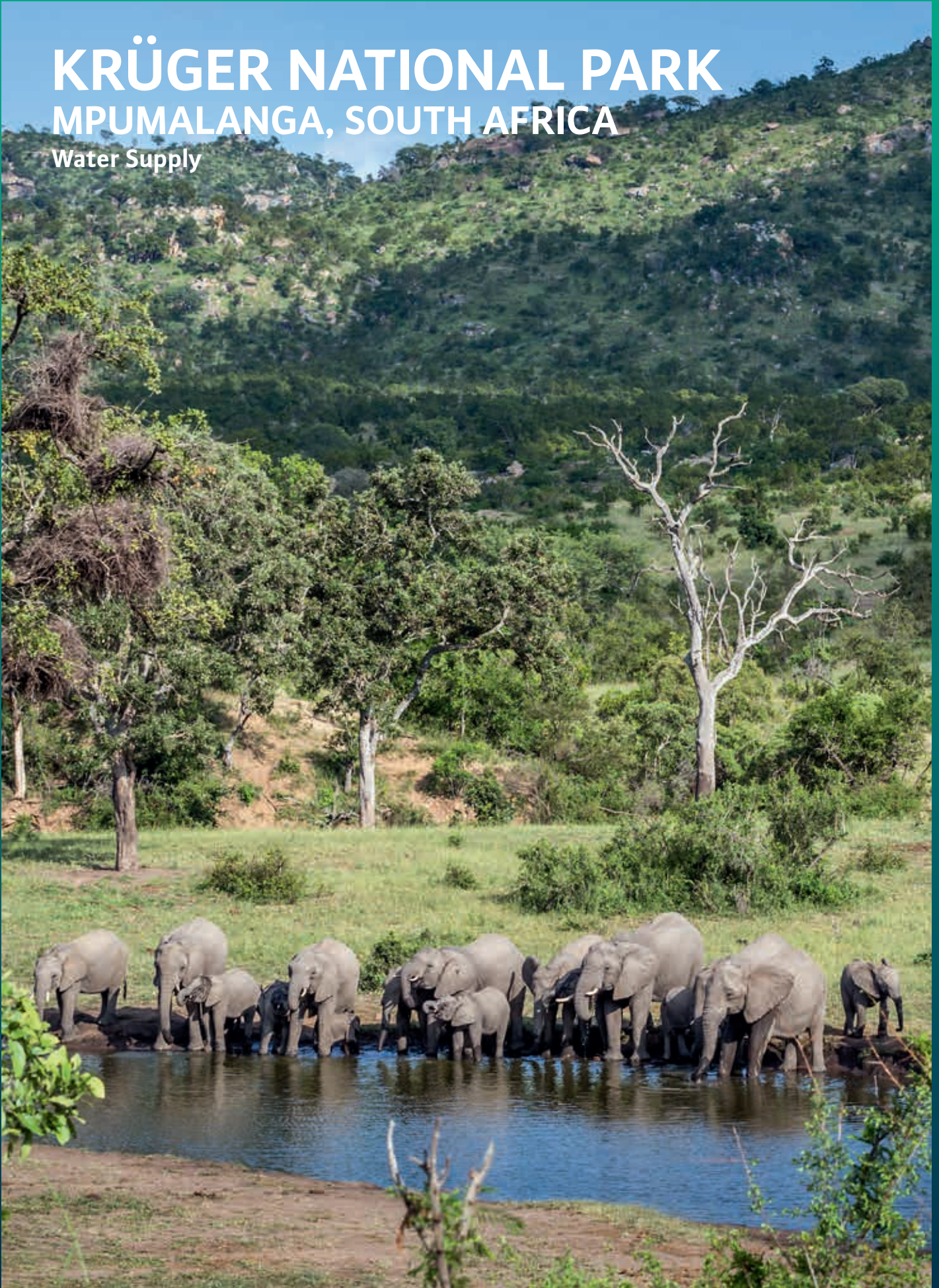
Water Supply



KRÜGER NATIONAL PARK

MPUMALANGA, SOUTH AFRICA

Water Supply



GAME LODGE

HOEDSPRUIT, SOUTH AFRICA

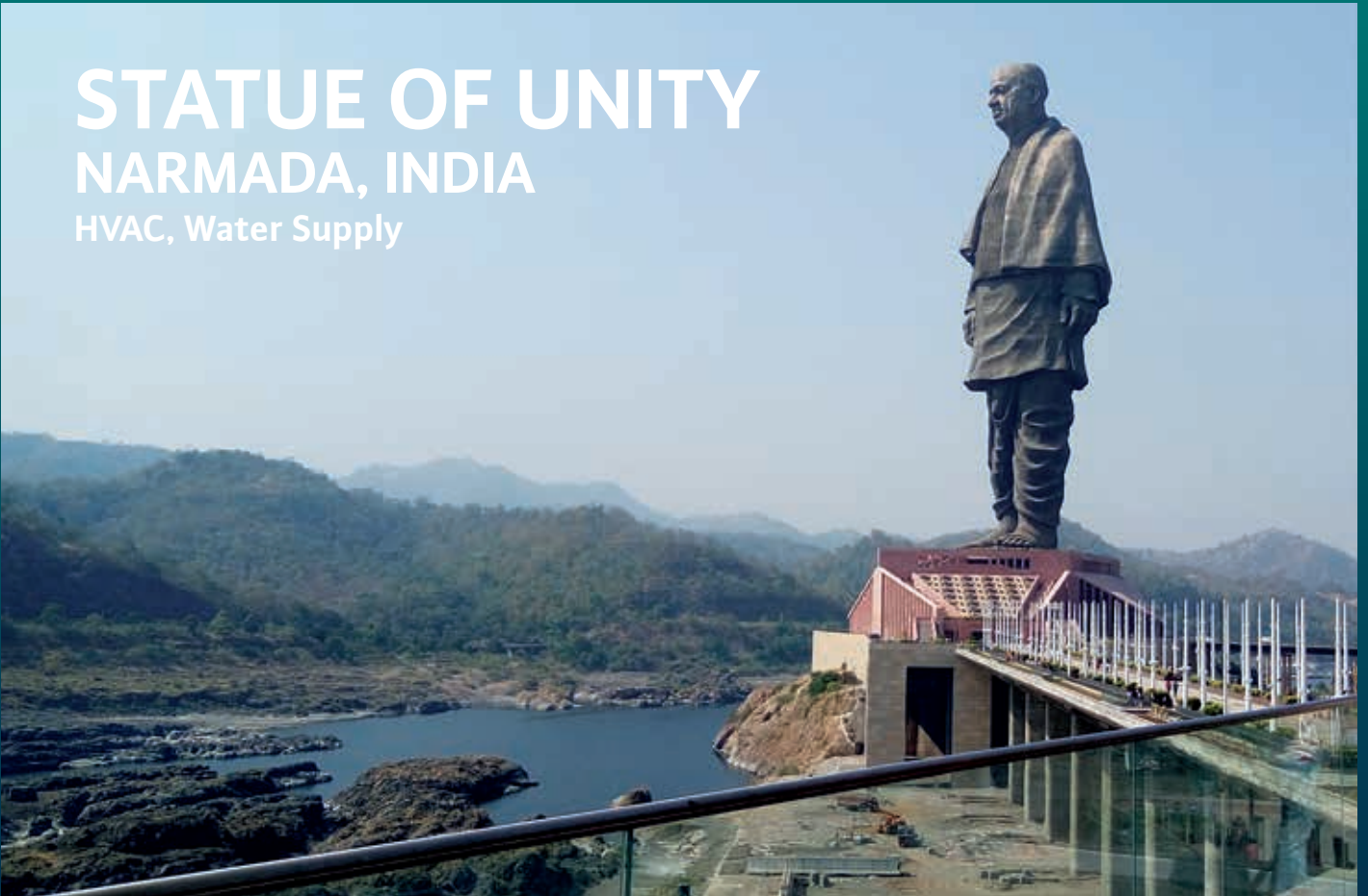
HVAC, Water Supply



STATUE OF UNITY

NARMADA, INDIA

HVAC, Water Supply





Wilo-Stratos MAXO

Smart wet runner pump for heating, cooling, air-conditioning

- Highest system efficiency
- Fully integrated connectivity
- Best networking capabilities
- Intelligent control functions
- Online access



Wilo-Stratos GIGA2.0

Smart dry runner pump for heating, cooling, air-conditioning

- Bluetooth interface and remote access option
- Application-guided setting assistant
- Optimum energy efficiency
- IE5 EC motor technology



Wilo-Helix2.0-VE

Multistage centrifugal pump for pressure boosting

- Quick maintenance
- Optimized design for easy operation
- Communication with BMS
- Lower life cycle costs

PIONEERING FOR SMART SOLUTIONS

Wilo produces pumps that guarantee maximum reliability, flexibility and efficiency. Our key services are positioned in the sectors of Water Management, Building Services and Industry.

We provide solutions for all scenes of the arena: heating or cooling of the facilities, water supply for the green and the sanitary facilities as well as wastewater treatment and transport within the entertainment areas.

That is why customers from all over the world trust in smart Wilo solutions.



Wilo-Actun ZETOS-K10

Submersible pump for raw water intake

- Maximum energy savings
- Compatible to control systems
- Demand-oriented system control
- Online access to run signals



Wilo-Rexa SOLID-Q

Submersible sewage pump for smart sewage pumping stations

- Maximum operational reliability and reduced service costs
- Lower energy costs
- Corrosion protection provided by an optional Ceram coating
- Optional Digital Data Interface (DDI) with integrated vibration monitoring, data logger, web server and digital rating plate



Wilo-EMUport CORE

Solid separations system for sewage collection and transport

- Maximum operational safety
- Cost-effective and energy savings
- Durable and corrosion-free
- Flexible installation and easy to integrate



ABOUT WILO

The Wilo Group is one of the **world's leading premium providers** of pumps and pump systems for the building services, water management and industrial sectors. In the past decade, we have developed from a hidden champion into a visible and connected champion. Today, Wilo has around 8,200 employees worldwide.

Our innovative solutions, smart products and individual services move water in an **intelligent, efficient and climate-friendly** manner. We are also making an important contribution to climate protection with our sustainability strategy and in conjunction with our partners. We are systematically pressing ahead with the digital transformation of the Group. We are already the digital pioneer in the industry with our products and solutions, processes and business models.



wilo

Pioneering for You

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