

Pioneering for You

wilo

Drainage and sewage

Wilo-Rexa PRO-S

**Chopping solids for more  
operational reliability**



# Pump technology for the future

## Our promise to you

WILO SE is one of the world's leading premium pump and pump systems suppliers for building services, water management and the industrial sector. With around 8000 employees in more than 60 subsidiaries around the world, we develop smart solutions that connect people, products and services to effectively support you in your daily work. "Pioneering for You" is our lasting commitment to clear customer focus, unrelenting pursuit of quality and our special passion for technology.

As the digital pioneer of the pumps industry, we understand the challenges that will shape the future. As an innovation and technology leader, we provide integrated solutions to address them. We know that these issues play a major role in your daily work – and in turn, they play a major role in ours.

## Sustainably better for you

One of the most pressing tasks in times of limited natural resources is the responsible management of increasingly scarce resources. Efficiency, connectivity and safety will become more and more important in the future. We aspire to offer you sustainable, user-friendly, high-tech and high-performance solutions for building services and water management that are ahead of their time.

We work closely with our customers to create innovative products and systems that perfectly match their requirements and are rounded off with convenient services. The result is integrated solutions you can rely on at all times.



# Wilo grinder pumps with optimised hydraulics for reliable pressure drainage

The removal of sewage from houses or large building complexes is becoming more and more of a challenge. The reason for this is the continuous reduction of water consumption – and the associated increase in problematic solids in sewage. More and more hygiene items, such as wet wipes or other solids, are being flushed down the toilet. This causes clogging, which often results in high costs. With the new Wilo-Rexa PRO-S, we are facing this challenge head on.

## Non-clogging

→ **Wilo-Rexa PRO-S**



Thanks to their high delivery head, Wilo-Rexa grinder pumps cover all building types – from single and two-family houses to commercial buildings and applications in industry and water management.

## Wilo-Rexa PRO-S

Robust, durable and reliable for pressure drainage in continuous operation for municipal and industrial applications.

For industrial and municipal applications, the Wilo-Rexa PRO-S is the perfect solution: the submersible sewage pump with macerator ensures fault-free pressure drainage. The standard FM approval of the motor makes it possible to use it in Ex-zones. Equipped with a radial macerator with double shear effect, the pump guarantees reliable and, thanks to the high efficiency, cost-effective continuous operation. The high delivery heads guarantee efficient pressure drainage for installations with high static delivery head. The smallest possible pipework reduces installation costs. Its robust motor made of grey cast iron is designed for continuous operation and is easy to maintain. A high-quality seal with two mechanical seals and optional monitoring of the sealing chamber ensure a long service life for the pump.



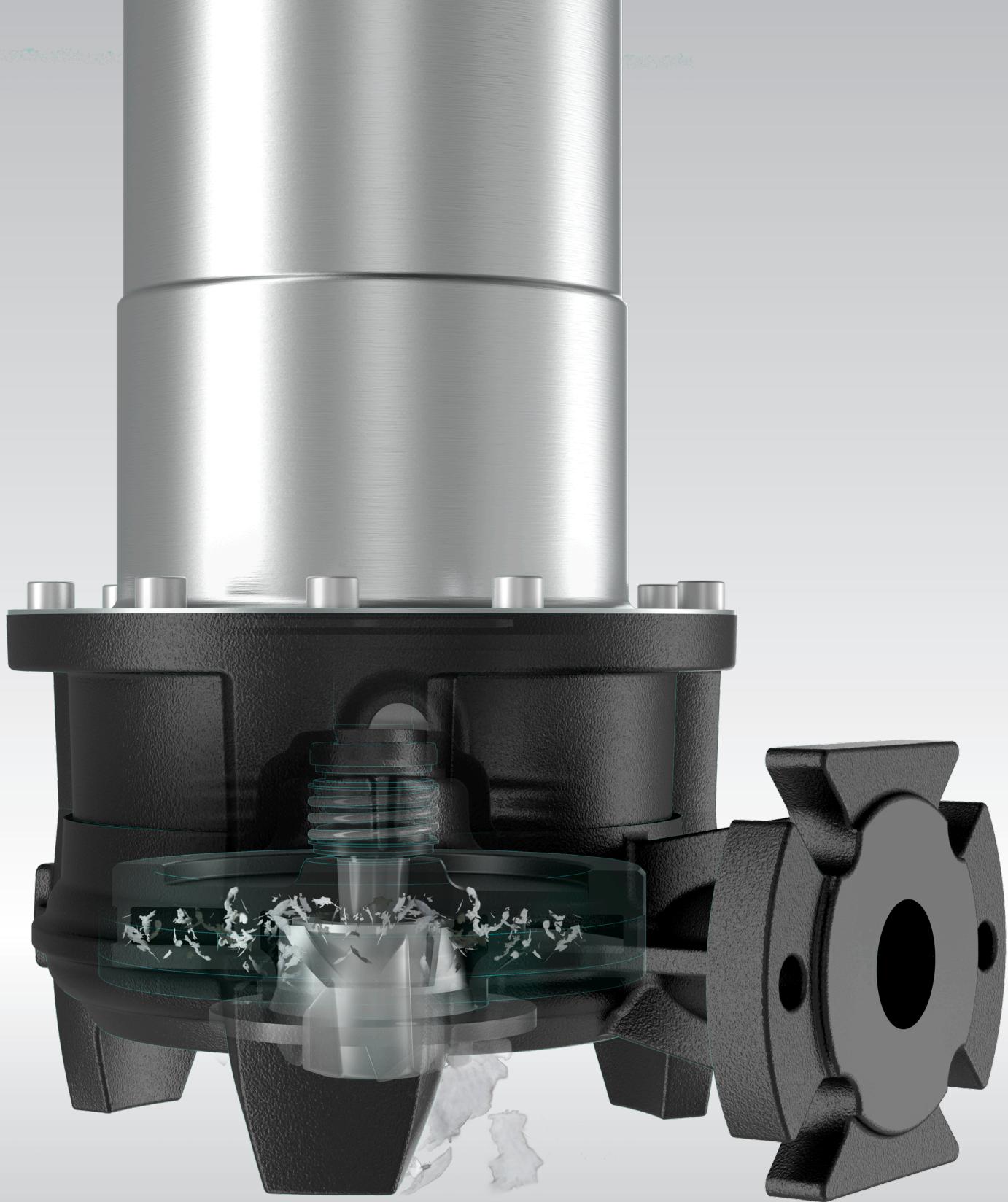
- 1 Radial macerator with double shear effect
- 2 Robust motor housing made of grey cast iron, with FM approval as standard
- 3 Non-immersed operation in operating mode S2-30min
- 4 Two mechanical seals
- 5 Optional monitoring of the sealing chamber
- 6 Customer-specific adaptation: cable length, PTC sensors for frequency converter and soft start operation



Further information on the Wilo-Rexa PRO-S can be found in the Wilo Online Catalogue.

The Wilo–Rexa PRO–S is easy to configure and adapt to your system. It wins customers over thanks to its durability – even in potentially explosive atmospheres.





## A look inside the macerator

All grinder pumps from the Wilo-Rexa PRO-S series have a durable, hardened macerator made of stainless, martensitic chrome steel (1.4528-59 HRC). The radial macerator with double shear effect chops solids at a speed of 78 ft/s. The optimised hydraulic/macerator combination provides a higher delivery head with lower energy requirements.

## Series overview

	<b>Wilo-Rexa PRO-S</b>
Discharge port	1½" 125lbs ANSI
Weight	84–113 lbs
Max. delivery head	~ 180 ft
Motor power 1~230 V, 50 Hz	1.5 – 2.3 HP
Motor power 3~400 V, 50 Hz	1.5 – 5.2 HP
Version	Grey cast iron motor housing
Immersed operating mode	S1
Non-immersed operating mode	S2-30 min.
Application examples	Railway stations, industrial building complexes, municipal pumping stations

With the Wilo Rexa PRO-S, you benefit throughout the entire life cycle of the pump: you save on installation costs by using the smallest possible pipes. You reduce your overall costs through optimised hydraulics with very high efficiency. Other than that, you ensure operational reliability at the optimum delivery head for your application – from houses to office complexes and municipal pumping stations.

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