

STRENGTH FOR YOUR SYSTEMS

Submersible pumps: from 5,5 to 520 kW and 9 frame sizes

have divided the range into 9 frame sizes we can make our recommendations. – each of them available with many different motors.

S pumps form the backbone in many sewage need to know is there. systems. They get chosen for their strength, their durability, and for innovative features Begin at: grundfos.com/water-utility such as the SmartTrim impeller clearance adjustment system.

The Grundfos S range consists of submers- When you design systems, we invite you to ible sewage pumps fitted with a channel draw on our experience. We can help you or SuperVortex impeller. The number of ensure the right sizing, avoid structural design *motor sizes – from 5,5 to 520 kW – and* errors, and so on. Often, our recommendations models is wide, but the new, updated can save you substantial sums on construcrange provides an easier overview: We tion. The sooner you call Grundfos, the sooner

> For full details on your options, individual pumps, sizing, etc., go online. Everything you



THE S RANGE AT WORK

For unscreened raw sewage and raw water

S pumps are designed to handle unscreened raw sewage or **Typical application areas** raw water in wastewater/water infrastructure and industrial • Sewage pumping stations applications.

The scope of the S range lets it be used for sewage/liquid • Industry/corrosive liquids handling on any scale. Popular applications include sewage • Large-scale buildings pumping stations – both local and main stations – but cleanwater systems and industries also find uses for the power of

are excellent for corrosive liquids.

- Wastewater treatment plants
- Raw/potable water intake and distribution

- Building facilities (car parks, hotel facilities, etc.)

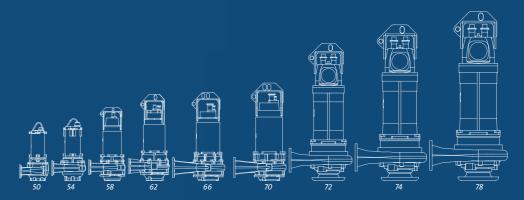
S pumps are suitable in submerged installations for both Stainless steel versions, available with motors up to 21 kW, temporary and permanent use, whereas dry-installed pumps can be installed both vertically and horisontally. Necessary installation accessories are auto-coupling, base stand, and ring stand available for each individual pump.



S pumps are often found in large-scale pumping stations.



S pumps can be used for dry installation when fitted with cooling jackets.



S PUMP FEATURES

- and what they do for you



Double bearings for double safety

Lower bearings are double for double safety Certain models feature an additional radial





No leaks at connection point

system ensures that the S pump



No leaks into motor

The liquid is kept away from the shaft seal system in the intermediate oil chamber. The primary seal has SiC/SiC rings, while the secondary seal has SiC/ carbon rings.

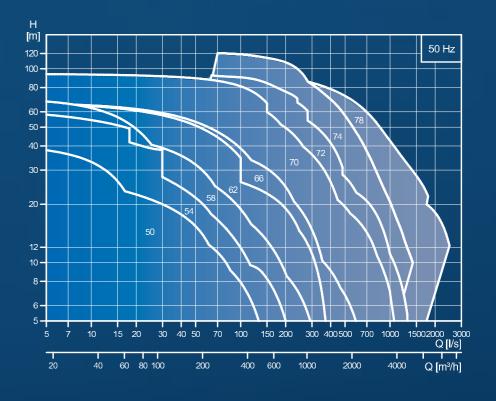




The patented SmartTrim syster lets you adjust the impelle learance by turning a few screws aximum pump efficiency can be restored in a moment



Performance overview



GRUNDFOS WATER UTILITY – OPTIMISED WATER SOLUTIONS

Grundfos Water Utility is a full-range supplier of intelligent pumps and systems for all water supply and wastewater applications. We optimise pumping solutions to provide maximum reliability and resource efficiency for our customers. Our solutions are made with tried and tested technology and our expertise is part of any delivery.

We offer solutions and expertise within the following applications:

- Raw Water Intake
- Drinking Water Treatment
- Water Distribution
- Wastewater Transport and Flood Control
- Wastewater Treatment

Our products are the result of decades of engineering expertise. Supported by a worldwide service network. Visit grundfos.com/water-utility for more.

www.grundfos.com