

# Sewage Pumps

## GRUNDFOS S RANGE

The Grundfos S range of highly dependable, powerful sewage pumps are designed for handling unscreened raw sewage. Acknowledged for their strength, their durability, and for innovative features such as SmartTrim impeller clearance adjustment system and SmartSeal for leakage prevention, the S pumps form the backbone of many sewage systems.

### Key Features and Benefits

- High efficiency and excellent non-clogging capabilities with large free passage of up to 5.7 in. (145 mm)
- Patented SmartTrim system for extremely easy impeller adjustment without dismantling the pump, to maintain peak performance and keep lifecycle costs low
- The SmartSeal auto-coupling gasket provides a completely leak-proof connection between the pump and the base unit of the auto-coupling system
- Lower bearings are doubled for additional safety and select models feature an additional radial bearing
- Leak free design keeps liquid away from the motor by a double mechanical shaft seal system in the intermediate oil chamber,
- Watertight cable entry point prevents liquid from entering at this often vulnerable spot, while rounded edges also prevent cable wear
- Sensors available for monitoring the pump, including bearing and winding temperature, vibrations and water in oil
- Stainless steel wet components available as variants



#### APPLICATIONS

- Municipal wastewater
- Wastewater treatment
- Raw water intake
- Industry/corrosive liquids
- Commercial wastewater
- Stormwater

## S RANGE Technical Data

S Range Information	
Flow, Q:	max. 39,500 gpm
Head, H:	max. 280 ft
Liquid temp.:	32°F to 104°F
Motor size:	max. 608 hp
Discharge diameter:	4 in. to 24 in.
Free passage:	max. 5.80 in.
Insulation class:	H
System pressure:	max. PN 10
Hydraulic Efficiency:	max. 85%

