

# Tough wastewater pumps for pressurised systems

In areas with no sewer systems or where gravitation systems are unsuitable, pressurised systems can transfer wastewater to the sewer mains. The Grundfos grinder pump range (SEG) is ideal for such systems. The grinder system makes it possible to use smaller pressure pipes and reduce investment costs.

The Grundfos SEG pumps are specifically designed for pumping untreated wastewater from domestic, commercial or municipal sources. The high discharge pressure enables transfer of wastewater over longer distances.

To reduce maintenance time, the effective grinder system is easily and quickly dismantled in the event of replacement. The unique SmartTrim simplifies maintenance adjustments of the impeller clearance for optimum pressure at all times.



## Unique benefits

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Enhanced reliability

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Improved discharge pressure over longer distances

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Highly effective grinder system enables smaller pressure pipes

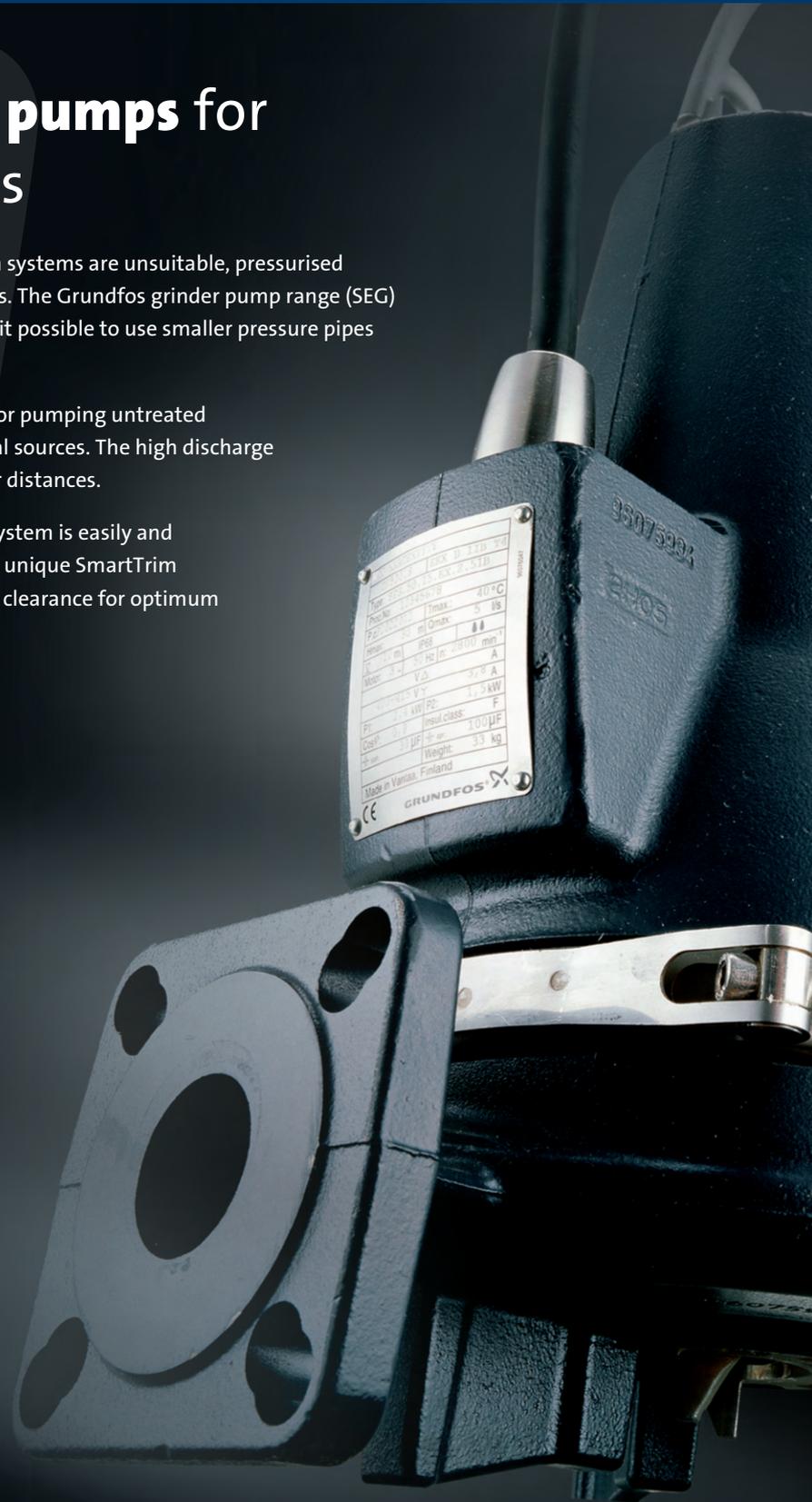
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SmartTrim system maintains high pressure by simple adjustment of impeller clearance

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Cable plug is sealed against moisture entering via the cable core

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## GRUNDFOS SEG SUBMERSIBLE GRINDER PUMPS

# Tough and reliable pumps – with many unique features



**Moisture-proof plug**  
A two-component sealant filling the plug prevents moisture from entering the motor via the cable core.



**Short rotor shaft**  
Compact motor construction reduces vibration to protect bearings.



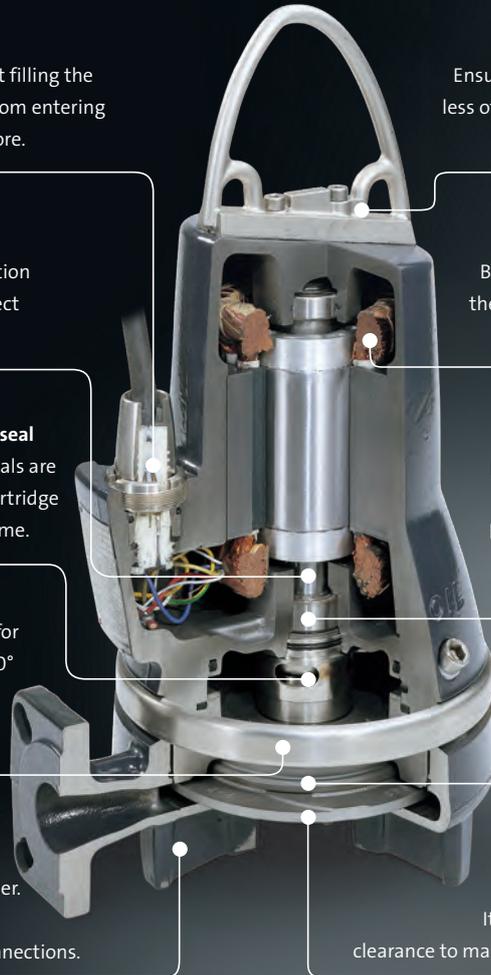
**Double mechanical shaft seal**  
Primary and secondary seals are combined into a single cartridge to reduce maintenance time.



**Easy-to-open clamp**  
Easy to access the pump for maintenance. Enables 180° rotation of the motor housing.



**Cast-iron flange and feet**  
Feet on the pump housing protect the grinder. The discharge flange fits both DN40 and DN50 connections.



**Multiple lifting points**  
Ensures correct lifting regardless of the angle of installation or cable position.



**Motor protection**  
Built-in thermal sensors in the motor windings protect against overheating.



**Heavy-duty ball bearings**  
Maintenance-free ball bearings. Greased for life.



**Highly effective grinder**  
Effective cutting by a highly reliable, patented grinder.



**SmartTrim impeller adjustment**  
It's easy to adjust impeller clearance to maintain peak performance.



## Performance overview

