

# Cutting-edge grinders



## For wastewater with solids you want smaller

The grinder system used in the SEG pumps cuts up sewage solids so efficiently that you can use pipes with a diameter of down to 40 mm. This, combined with their high-head pumping capabilities, makes them ideal for pressurised systems, minimising the cost of the total solution. They are often used in small pumping stations designed to pump sewage into the public sewage systems.

For high-head pumps, precise impeller action is necessary in order to maintain peak performance. That is why the SEG system has its own SmartTrim system to allow easy adjustment of the impeller clearance. You won't have to dismantle the pump, and you don't need special tools.

## Installation

The SEG models are designed for submerged installation. They can be installed on an auto-coupling system with guide rails or on a hookup auto-coupling system, and are also available as free-standing pumps.

### The SEG pump in brief

Media type:	Effluent, sewage
Max. flow:	5 l/s – 18 m <sup>3</sup> /h
Max. head:	45 m
Motor sizes:	0.9–1.2–1.5–2.6–3.1–4.0 kW
Power supply:	1 x 230V / 3 x 400V
Cutter system:	Hardened stainless steel
Max. liquid temp.:	+40°C
No. of poles:	2
Discharge dim.:	DN 40
Weight:	35–70 kg
Materials:	Cast iron

### Need a pumping station? Get the complete set at Grundfos!

For perfect product compatibility, we recommend that you get your pumping stations from Grundfos, too. The sets consist of a moulded PEHD pump pit, all accessories and controls, and one or two quality pumps (SEG, DP, EF, cast-iron SEV and SE1 models, KP, or AP). The range is regularly updated with new models and sizes – check [www.grundfos.com/pumpingstations](http://www.grundfos.com/pumpingstations) for the latest news

