

*Product information*

## Wilo-Flumen EXCEL and Wilo-Flumen OPTI

Minimal cleaning work when draining stormwater retention tanks and pump sumps





# Operational reliability you can trust

Even with high dirt loads and long running times in system operation



## Optimal performance and cost-efficiency

Submersible mixers are subject to high requirements: the challenging field of application demands a low-wearing solution that provides optimal mixing performance and jet effect thanks to a high thrust output. Achieving optimal flow and turbulence input is crucial to prevent solids from settling. Compact hydraulics and installation close to the basin floor enable extended mixing operation and compensate for fluctuating operating statuses. At the same time, improvements to cleaning performance minimise operating costs for wastewater treatment plant operators. The Wilo-Flumen EXCEL and Flumen OPTI offer all of this and are operationally-reliable solutions during basin drainage.

The submersible mixers continuously ensure sufficient turbulence and therefore reliably prevent solids from settling. This also minimises your cleaning work when draining stormwater retention tanks.

Even during periods of low rainfall and shorter running times, the Wilo-Flumen EXCEL and Flumen OPTI have a low clogging rate and demonstrate high operational reliability. The new propellers, made of investment-cast stainless steel, almost completely prevent cavitation and thereby ensure low-wearing operation at all times.

## Technical data:

- Max. thrust (N): 185 – 950
- Nominal diameter (mm): 200 – 400
- Rated speed (rpm): 1450 – 740
- Number of blades: 2 – 3

## Further fields of application:

- Stormwater retention tanks
- Pump sumps
- Small activated sludge tanks
- Mixing and buffer basins
- Special sludge tanks

## Highly efficient, highly advanced

### The advantages of the Wilo-Flumen EXCEL and Wilo-Flumen OPTI

A wide range of possible uses in diverse applications, even at high running times

Low clogging rate and reliable operation thanks to optimised hydraulics

Low wear thanks to investment-cast stainless steel propellers with minimal cavitation tendency

High flexibility thanks to the diverse range of installation options and accessories

Reduced energy and operating costs through use of IE3 motors as standard for an optimal thrust coefficient

Little cleaning required due to prevention of deposit formation through installation close to the basin floor

## Wilo-Services

Try it out for half a year before you decide



#### For us, giving you the best advice means:

We want you to be 100 % satisfied with your chosen product before we sell you a submersible mixer. What could be more informative than trying it yourself?

It's for this reason that we offer a unique service: Try & Buy.

Try out your chosen Wilo submersible mixer before you purchase it.

Six months, no obligation. Get an accurate picture of the pump's quality, ease-of-installation and efficiency. Benefit from "Try & Buy".

Get in touch: we would be happy to provide you with more information.



[www.wilo.com](http://www.wilo.com)

WILO SE  
Wilopark 1  
44263 Dortmund  
Germany  
T +49 231 4102-0  
F +49 231 4102-7363  
[wilo@wilo.com](mailto:wilo@wilo.com)  
[www.wilo.com](http://www.wilo.com)

Pioneering for You

For further contact information,  
visit [www.wilo.com](http://www.wilo.com)