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# Flygt Compit pump stations

THE COMPLETE PUMP STATION FOR PRESSURE SEWAGE SYSTEMS

# The pump station for single or multi-family housing

For more than a quarter of a century, Xylem has designed, installed and maintained pressure sewage systems around the world. We can help you with yours.

One of our solutions is the Flygt Compit pump station. This prefabricated complete pump station enables you to provide a single-family residence, an apartment building or an entire community with a reliable, trouble-free wastewater or groundwater transport system. Best of all, you can choose the pumps, accessories and control equipment to suit your specific requirements.

## Quick installation

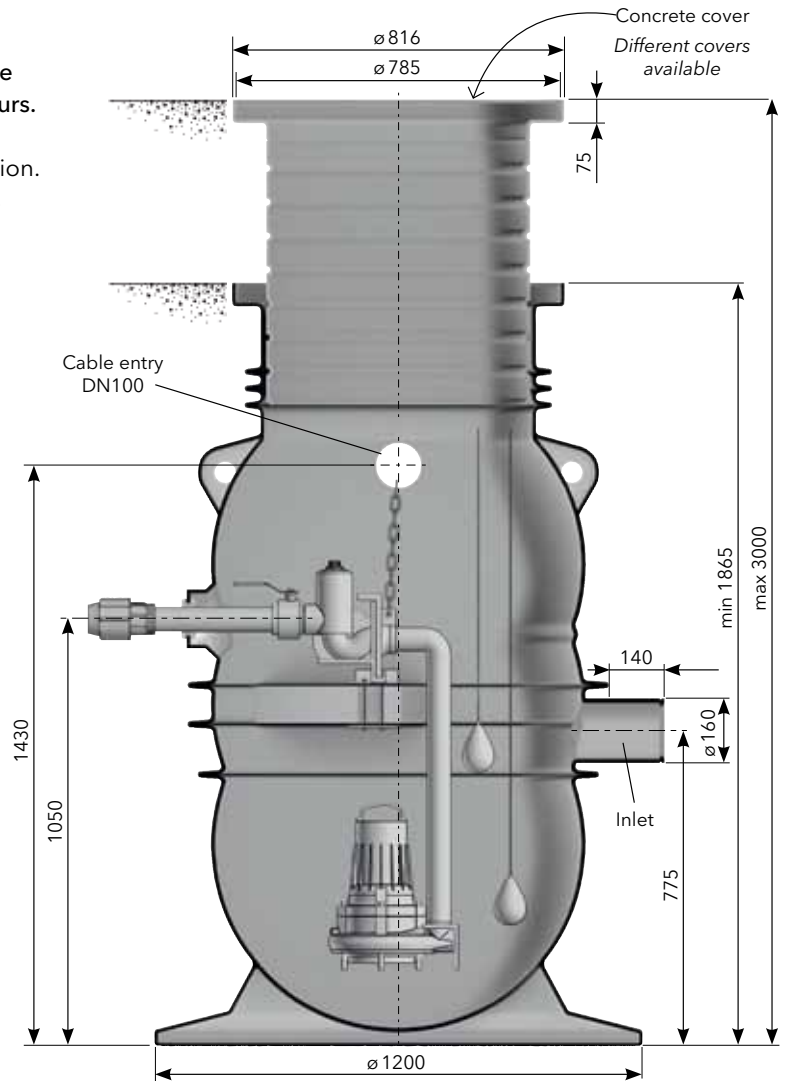
Complete upon delivery, the Flygt Compit pump station is ready for installation and immediate connection. Housed in rotomolded polyethylene, this easy-to-handle integrated system weighs, depending on the configuration, between 181 and 244 kg excluding the pump.

## Flexible design

A convenient extension shaft makes it easy to install the Flygt Compit pump station at depths between 1.9 and 3 meters. Simply cut the shaft to the required length. Each pump station can be equipped with one or two pumps.

## Reliable operation

The bowl-shaped bottom and smooth inner surface of the pump station mean that it is self-cleaning.



## Flygt Compit - Features

- Convenient discharge connection for easy pump installation
- Rubber guide band for quick installation at deeper depths
- Corrosion-resistant stainless steel internal discharge piping and surface-treated cast iron fittings
- Check valve and shut-off valve
- Covers available for different load classes A & B or a lockable polyethylene cover.
- Stainless steel lifting chain

- Extension shaft in polyethylene (20-40 kg)
- DN 150 inlet
- DN 50 connection (Dy 63 mm) on discharge pipe

### Options

- Insulation kit for the upper shaft
- Pipe couplings for other discharge diameters
- Taper for DN 110 inlet



# Non-stop performance with non-clogging pumps and smart control

Whether transporting wastewater, greywater or groundwater, you can equip your Flygt Compit pump station with submersible Flygt pumps and accessories. Then add a Flygt monitoring and control system to ensure your Compit pump stations run continuously in real-time.

## Reliable wastewater grinder pumps

Choose from a broad range of rugged Flygt submersible grinder pumps equipped with specially designed non-clogging cutting impellers. Wear-resistant impeller components grind solids into small particles that easily pass through 32mm pipes. Intermittent starts and high temperatures pose no problems; Flygt pumps handle up to 30 starts per hour and wastewater temperatures up to 40°C.



## Dependable greywater and groundwater pumps

For residential greywater, use Flygt submersible 3045 and 3057 sewage pumps, which are made of cast iron and highly wear-resistant. And for groundwater transport, there's Flygt DX range of stainless steel groundwater pumps with matching stainless steel motor casings. All pumps are supplied with a channel or vortex impeller.



## Complete control

Select Flygt monitoring and control equipment to help you cut operating and maintenance costs and boost energy savings. Take our robust FGC controllers, for instance. Comprehensive functionality gives you a solid overview of system status and immediate access to critical data from sensors.



For use in most any regulatory environment, FGC controllers work just as well with level regulators as well as they do with pneumatic and pressure sensors, giving you total system control.



## The advantage of pressure sewage systems



Connecting one or more pump stations to the municipal sewage network can pose distinct challenges depending on the lay of the land. Large pipes of conventional gravity systems need to be laid on a grade. Smaller pipes used for pressure sewage systems don't. This drastically cuts costs associated with excavation and construction of gravity-flow pipelines compared to gravity flow pipe lines.