



Flygt Dry Horizontal Installations

STRAIGHTFORWARD MAINTENANCE AND SERVICING IN A SAFE WORKING ENVIRONMENT

A safe and smart installation for wastewater pumps

For years we have been there, onsite, day in, day out, helping customers around the world. This has given us a unique understanding when it comes to managing wastewater and sludge. With over 60 years of experience, we can ensure a high degree of predictability when handling challenging media - experience that is easily available and proven through new innovation and groundbreaking technology.

This experience led us to develop and launch a cutting-edge dry installation assortment ensuring the best suction performance and operational efficiency, whilst also allowing ease of service without dismantling the entire pump. Flygt's innovation is consistently evolving to try and solve customer challenges. For example, the new patented telescopic inlet means getting into the pump impeller to check clearance or to service, is now a straight-forward and trouble free operation.

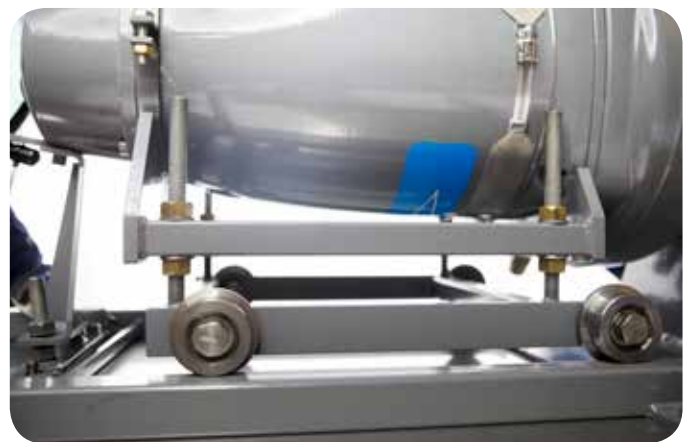


Benefits of a dry horizontal installation



1 Faster maintenance and servicing with the Flygt patented telescopic inlet.

Sometimes you will require access to the impeller without having to dismantle the entire pump. For horizontal installed systems, our patented telescopic inlet provides access to the pump suction end.



2 Safe handling with lifting equipment and service cart/sled.

Horizontal installed Flygt pumps can be equipped with a service cart/sled that ensures safe pump handling.



Plus all the benefits of Flygt's self-cleaning N-technology pumps

N-technology pumps are designed to handle the world's toughest wastewater and sludge applications. Every N-pump is designed, engineered and manufactured with care to optimize operations, delivering efficient and continuous pumping, thereby cutting the total cost of ownership.

Unique solution for large capacity pumps

Pumps with an inlet size above 350 mm (14") use the patented pivoting service inlet providing the same benefits with faster maintenance and servicing as the telescopic inlet. The larger pumps also use a service sled instead of the wheeled cart and a double acting hydraulic actuator providing safe handling and an improved working environment.

Horizontal Installation - Z	3085-3127	Concertor®	3153-3356	3351-3800
Patented telescopic inlet	•	•	•	
Pivoting service inlet				○
Pressure gauge connection	•	•	•	
Lifting equipment	○	○	○	○
Service cart	○	○	○	
Service sled				○
Drainage hole	•	•	•	

(○ = Optional)



3 Enhanced performance and efficiency.

Horizontally installed pumps benefit from higher available NPSH (Net Positive Suction Head) and no need for shaft alignment compared to vertically installed systems. Additionally, we have added a connection valve for a pressure gauge.

4 Improved working environment and better drainage.

Flygt submersible pumps installed in dry installations offer flood-proof motors. If the pump station is flooded, the pump keeps on working. We have also added a drainage port to ensure the pump housing is empty before any work begins on the pump - a simple innovation that makes a big difference to your working day.

Xylem ['zīləm]

- 1) The tissue in plants that brings water upward from the roots
- 2) A leading global water technology company

We're a global team unified in a common purpose: creating advanced technology solutions to the world's water challenges. Developing new technologies that will improve the way water is used, conserved, and re-used in the future is central to our work. Our products and services move, treat, analyze, monitor and return water to the environment, in public utility, industrial, residential and commercial building services settings. Xylem also provides a leading portfolio of smart metering, network technologies and advanced analytics solutions for water, electric and gas utilities. In more than 150 countries, we have strong, long-standing relationships with customers who know us for our powerful combination of leading product brands and applications expertise with a strong focus on developing comprehensive, sustainable solutions.

For more information on how Xylem can help you, go to xylem.com

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Let's Solve Water

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