



OverWatch[®]

Direct In-Line Pump System

Changing the world one wet well at a time



**INDUSTRIAL
FLOW
SOLUTIONS[™]**



Industrial

Food, Beverage & Pharmaceutical Processing

Stainless Steel body designed to withstand the effects of corrosion from harsh materials and solutions.

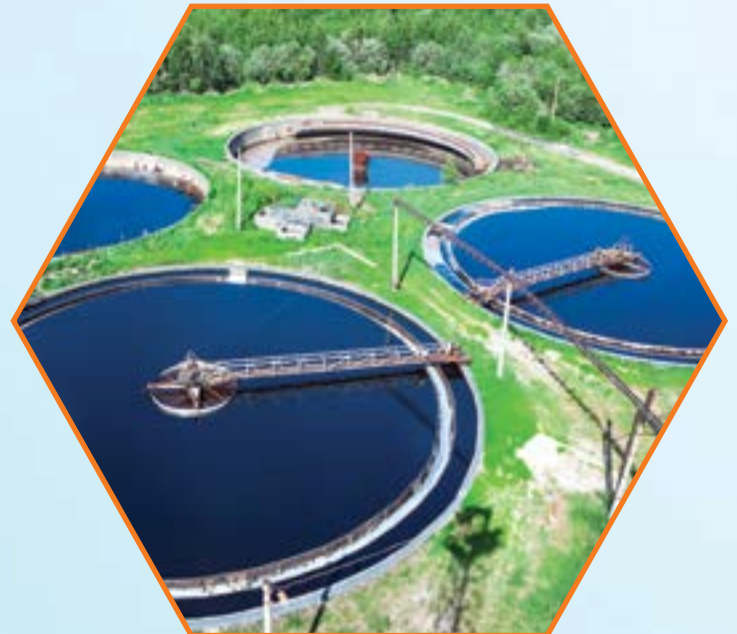
- ⊗ High temperature wash-down / Clean in Place (CIP)
- ⊗ Fats, Oils, Greases (F.O.G.)
- ⊗ Solids handling
- ⊗ Acidic and caustic processing

Municipal

Lift Stations & Wastewater Treatment Facilities

Breakthrough technology designed to lift influent at the point of entry, eliminating the wet well.

- ⊗ Sewage & solids handling
- ⊗ Stormwater management
- ⊗ Wastewater
- ⊗ Lift / Pump stations



Commercial

Hotels, Hospitals, Correctional Facilities, Universities & Residential Complexes

Effluent is contained, eliminating odors and reducing maintenance.

- ⊗ Wastewater
- ⊗ Stormwater management
- ⊗ Boiler condensate handling
- ⊗ Solids handling



Self Monitoring

Save Time and Money with Improved Operational Efficiencies

- ⊗ Smart sensing - adjusts in real time to manage flow
- ⊗ Avoids system failures and downtime with a two pump design
- ⊗ Less fluid detention time
- ⊗ Detects and removes clogs without human intervention
- ⊗ Remote monitoring options

Eliminate the Wet Well

Creates Safer Working Conditions for Maintenance Crews and Reduces Environmental Impact

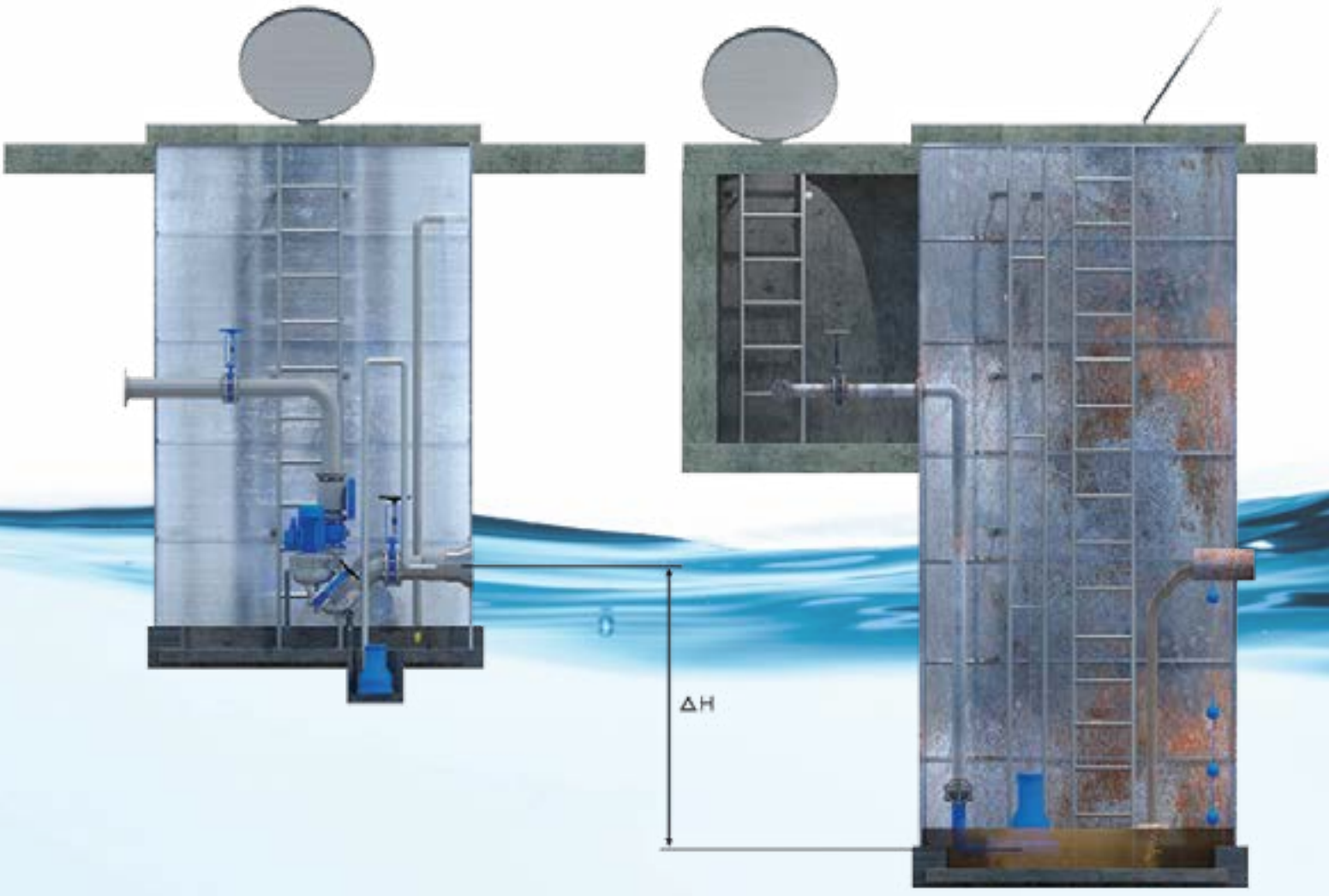
- ⊗ No buildup or exposure to hazardous odors, bacteria, or Hydrogen Sulfide (H₂S) gases
- ⊗ Reduces danger of explosions
- ⊗ Minimizes excavation
- ⊗ Simplified installation & maintenance - no more screen cleaning!



Non-clog

Designed for Reliability. Keeps a Careful Watch so You Don't Have to

- ⊗ No downtime from a clogged pump
- ⊗ Reduces maintenance
- ⊗ Redundant dual pump design minimizes downtime
- ⊗ No debris or trash removal
- ⊗ Extended life expectancy
- ⊗ Optional patented DipCut[®] impeller



 **OverWatch**[®]
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Traditional Wet Well



Optional flow meter

Swing check valve

Main isolation valve

Waterproof IP65 TEFC motors, explosion proof class 1, Div. 1, and CSA® certified.

Stainless steel wall flange supplied for easy installation

Optional DIPCut® impeller for self-cleaning operation

Branch isolation valve

Common stainless steel body with integral flapper

Stone trap / Clean out

Stainless steel liquid level sensor

Stainless Steel Impeller Options

DIPCut®

- Pumping & Shredding
- Consume less energy
- Does not effect hydraulic efficiency



Shredding

Pumping

Vortex



High Efficiency



OverWatch Booster

Having problems with insufficient slope, flow, pipes or damage?
Boost it out, without replacing the entire line!

Features & Benefits

- Standard pipe diameter design
- Increase capacity by boosting flow downstream
- Improve velocity - Accelerate in-line wastewater circulation
- A gravity-fed line of 152 mm (6 in) to 1016 mm (40 in) diameters



Packaged Lift Stations (PLS)

Incorporates all the advantages of the Direct In-Line Pump system into a ready to install, stainless steel pump room.

Benefits:

Economical

- Ideal for transportation and installation costs
- Quick to connect without the need for a valve vault
- Reduces excavation depth required
- Enables future modifications to be made

Robust

- 100% waterproof
- Non-porous, with no fragile tank adapters
- Resistance to ground settlement, poor backfilling, impacts during installation, and stress caused when pouring the upper concrete slab

Sustainable

- Corrosion and erosion resistance prevents systems from degrading over time
- Ecological designed with non-oil-based products



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