



OverWatch[®]

Direct In-Line Pump System

Changing the world one wet well at a time



MAZE INDUSTRIAL
Process Equipment Solutions



**INDUSTRIAL
FLOW
SOLUTIONS[™]**



Self Monitoring

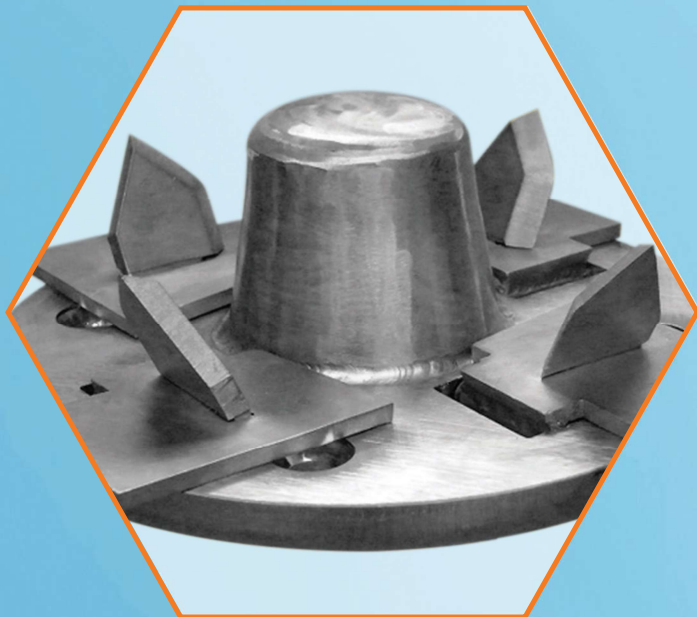
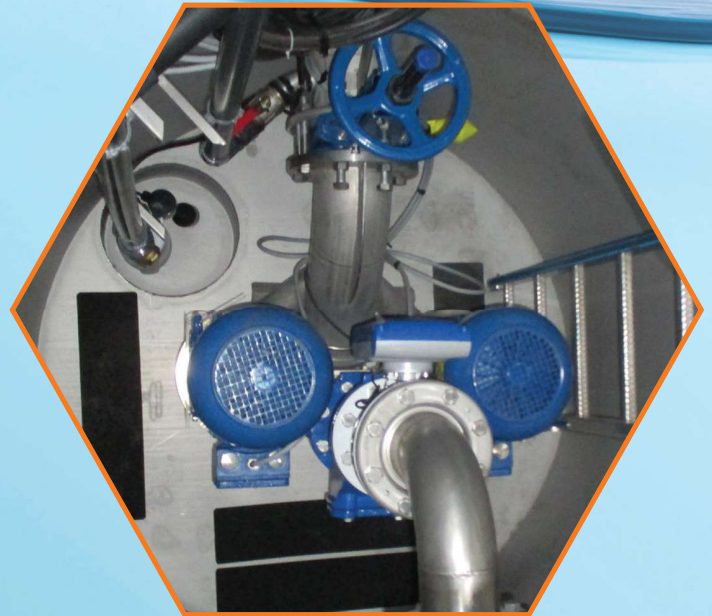
Save Time and Money with Improved Operational Efficiencies

- ⌘ 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



Industrial

Food, Beverage & Pharmaceutical Processing

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

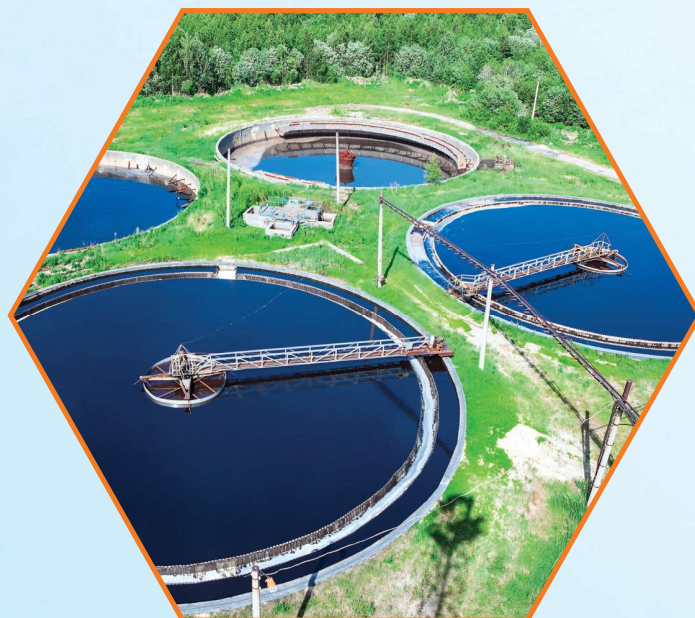
- ⊗ High temperature wash-down / Clean in Place (CIP)
- ⊗ Fats, Oils, Greases (F.O.G.)
- ⊗ Solids handling
- ⊗ Acidic and caustic processing

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

Optional flow meter

Swing check valve

Main isolation valve

Immersible IP67
premium efficiency
motors

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

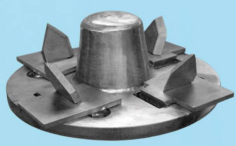
Stainless steel liquid
level sensor

Stone trap / Clean out

Stainless Steel Impeller Options

DIPCUT®

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



Shredding



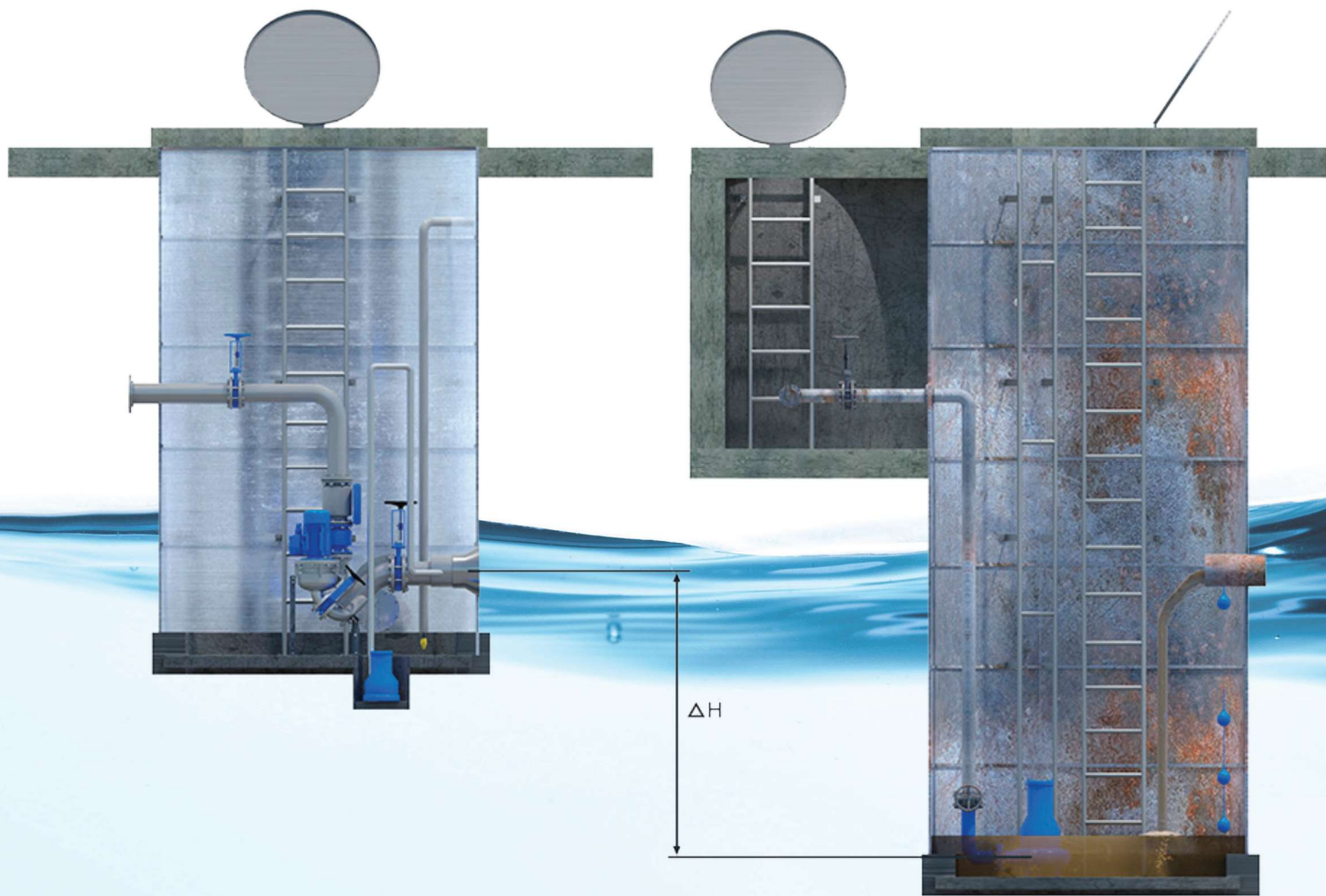
Pumping

Vortex

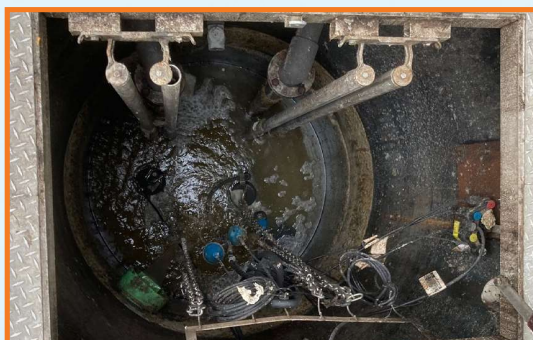


High Efficiency





Traditional Wet Well



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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