



Direct In-Line Pump System

Traditional Wet Well



MODERN ALLIANCE GROUP
Jeddah, Saudi Arabia
www.mag.sa
Phone: +966 55 109 1199

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

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



MODERN ALLIANCE GROUP ©

Direct In-Line Pump System



Jeddah, Saudi Arabia
T: +966 55 109 1199

www.mag.sa



Direct In-Line Pump System

Changing the world one wet well at a time





Industrial

Food, Beverage & Pharmaceutical Processing

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

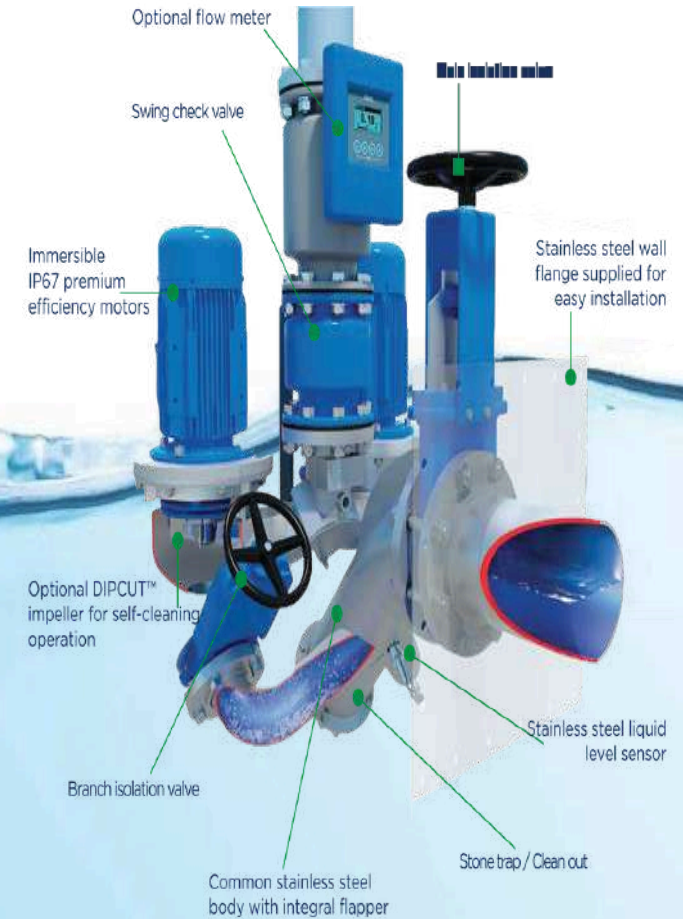
- High temperature wash-down / Clean in Place (CIP);
- Fats, Oils, Greases (F.O.G.);
- Solids handling;
- Acidic and caustic processing.



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.



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.

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!



Hotels, Hospitals, Correctional Facilities, Universities & Residential Complexes

Effluent is contained, eliminating odors and reducing maintenance..

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



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.

Stainless Steel Impeller Options



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

