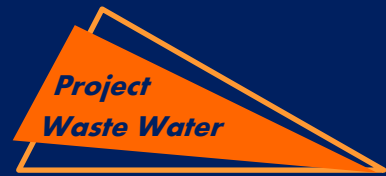


# Project Waste Water Equipment

## Package Pump Stations



The Project Polyethylene Packaged Pump Station is the quick and reliable solution for any situation where sewage or storm water needs to be pumped to a mains connection. Designed to reduce site work and installation time, each pump station is supplied as a complete, factory assembled package, with pumps, pipework and controls selected to meet your site requirements. Site wiring of pumps and controls is required.

### Packaged Pump Stations

Standard Packages comprise

- A Holding Tank
- Range of Trafficable and Pedestrian Lids.
- Single or Dual Submersible Pumps.
- Range of Control Panels in various materials for automatic operation.

**Some of the Applications:** Parks – Industrial Complexes – Hospitals Residential Sub Divisions - Construction Camps Mine Accommodation Sites - Shopping Centres Wharves – Caravan Parks – Picnic Areas Golf Clubs – Hotels / Motels – Service Stations

**Sizes:** The Project Package Pumps Stations are available in a wide range of sizes with holding capacities from 250 litres to 8,700 litres.

**Advantages:** With the ever increasing cost of civil work and site labour, the proposal of having a pump station delivered to site as a complete package is an attractive alternative to the conventional method of a concrete well and separate pump system.



### Pump Types:

A complete range of drainage and sewage pumps are available and include:

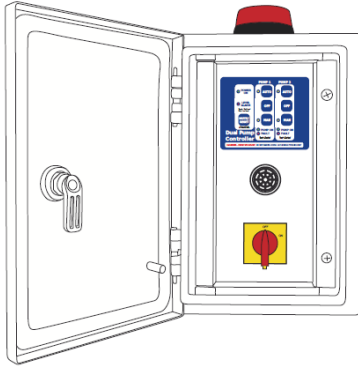
- Drainage pumps – for storm water and sub soil drainage
- Domestic Sewage pumps – with cutter system for sewage from private dwellings and effluent from septic tanks.
- Heavy duty sewage pumps – with grinder system for sewage from apartments, commercial / public toilets.

### Pump Mountings:

- Free standing pumps are cheaper to purchase and install, but removal for maintenance is more difficult than guide rail mounted systems.
- Guide rail mounted pumps are quick and easy to remove for maintenance and are recommended for larger size pumps

250 Litre to 8,700 Litre Holding Capacity

## Pump Controllers



“One Controller.....All Applications”

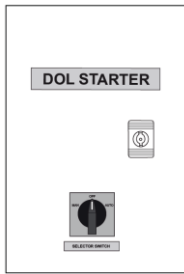
The “**One controller does it all**” concept, while at the same time, makes “simplicity of operation” even more user friendly.

Although many unique features of the controller are common to all pumping applications, many “system specific” optional features, can be enabled or disabled at the flick of a switch.

### Applications

- Submersible Sewage.
- Submersible Storm Water.
- Constant Pressure Systems
- Hot Water Circulation Systems.
- Transfer Pumping Systems

## Starters



The DOL Starter, housed in a robust, powder coated, lockable metal enclosure, provides a very cost effective way of controlling a pump where the usual standard features, typically available in pump controllers, are not required.

Features of the DOL Starter include: Auto/Off/Manual Switching, Low Voltage (24Vac) circuitry for input switches, contactor and overload protection for pumps. In addition to a low voltage switch input, the starter also has provision for a ‘cut out’ switch.

## Float Switches – Cable Lengths 10 to 40 Metres

The 9000 Series Float Switch, which utilises an innovative, yet simple ‘fool proof’ switching concept, has greatly enhanced Float Switch reliability. The positive micro switching eliminates the possibility of more than one circuit being in operation at any one time.



## Liquid Level Alarms

Designed to provide warning indication when storage (Effluent, Grey Water, Rain Water etc) tank is either empty or full.

Warning conditions are determined by a Float Switch. The Warning Alarms are:

- **Audio** - buzzer - The buzzer can be muted via the mute button..
- **Visual** - LED Pilot Light & Strobe - The visual alarms will remain on until the alarm condition is eradicated - If not muted the audible buzzer will automatically silence after 5 minutes. If a continuously sounding audible alarm is required, this can be done by changing the Jumper position.

Controller can be installed up to 50m from the tank being monitored. Float Switch cabling is ‘safe’, low voltage circuitry

