

Titan Sewer Pump Stations



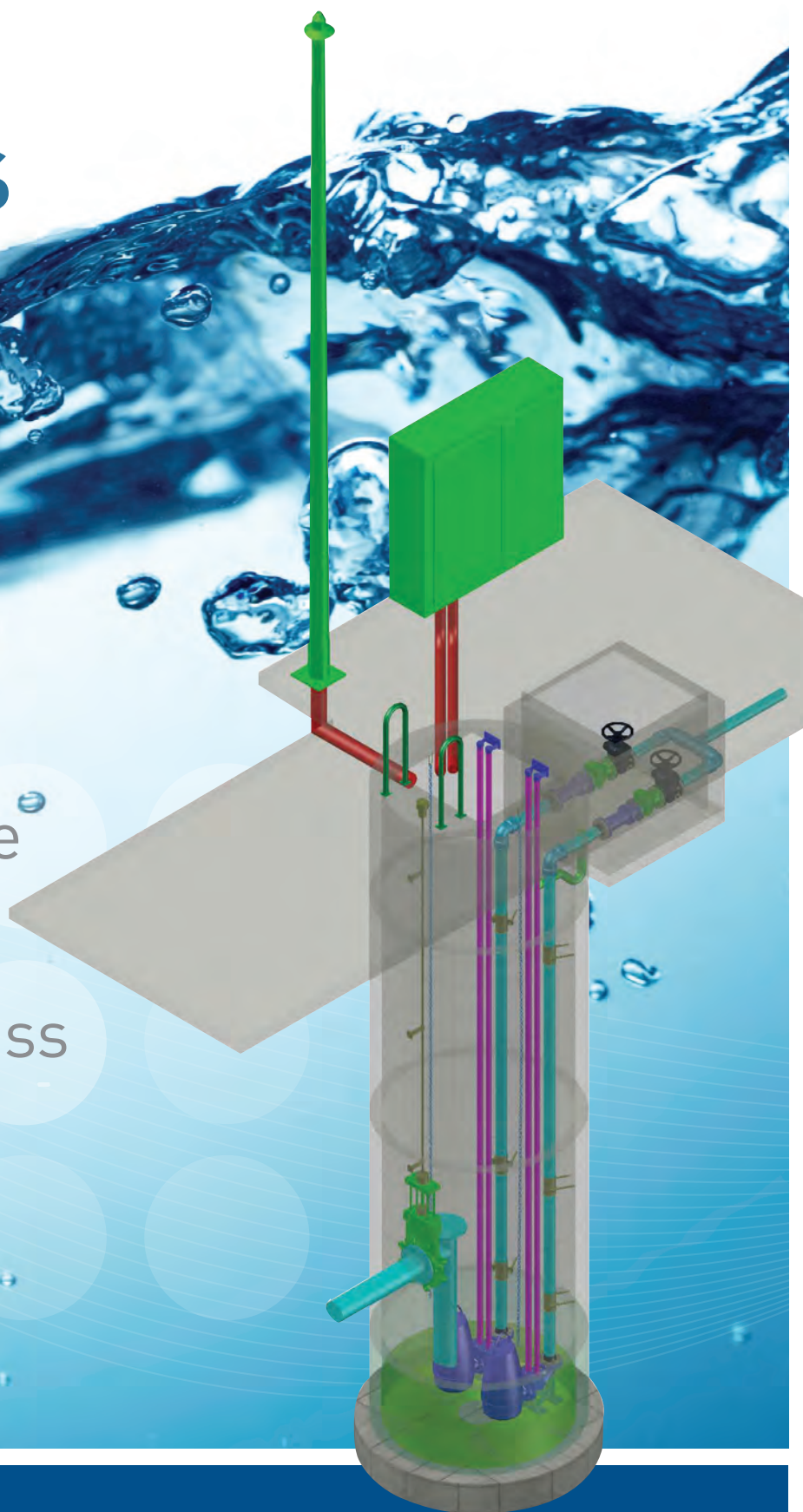
Concrete



Fibreglass



Poly



TITAN PUMPING SYSTEMS
Total Pumping Solutions

Why use a Titan packaged Pump station

Complete Package

TITAN custom-designed Packaged Pumping Systems are built to suit any application. From design to conception, TITAN'S specialised staff will build, deliver & install a turn-key system that suits any requirement.

Design and Construction

TITAN pump stations have been designed by RPEQ engineers to suit Australian applications and soil conditions. With strict controls and the highest quality materials, TITAN pump stations are manufactured to outlast any conditions where the pump station is installed.

Other benefits of a Titan Pump Station:

Titan Pump Stations are available in concrete, fibreglass or poly to suit the application required for the situation. This makes it the perfect solution for all applications. Due to being a packaged unit the system will reduce your purchase cost and installation time.

All TITAN pump stations have been designed to resist any corrosive environment.

Applications

- Industrial
- Municipal
- Commercial
- High pressure sewer pump stations
- High rise
- Mining camps
- Domestic

"For an economical alternative to pump stations poured and built on site, a Titan Pumping System custom designed and built ready to install is the perfect choice"



TITAN PACKAGED PUMP STATIONS are available in:-



CONCRETE CON



FIBREGLASS FRP



POLY PE

Sizes

Industrial range

Diameter 1800mm, 2400mm and 3000mm

Depth up to 10m

Domestic range

Diameter 500mm up to 1800mm

Depth from 500mm up to 3000mm

Horizontal Storage Tanks

Storage tanks are also available and designed to suit the application required.

Concrete

The Titan Concrete Pump station is the flagship leader out of the Titan range due to its robust monolithic base construction and superior wall thickness. No other pump station on the market matches this construction.

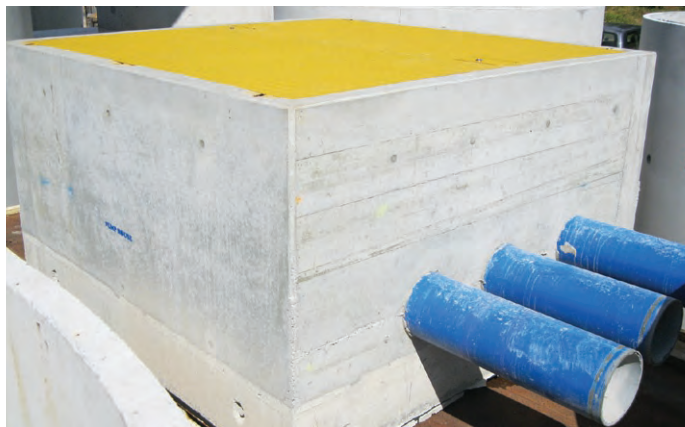
TITAN concrete pump stations have been purely designed for the industrial, municipal and commercial markets. High frequency vibration is used for concrete compaction in state of the art steel mouldings thus eliminating porosity. TITAN concrete pump stations are built to handle high demands, large volumes and offer life span requirements. An important feature of the TITAN concrete pump station is that the base and bottom chamber are poured as one complete casting. With tapered internal walls from 150mm-190mm and a 300mm thick base, the TITAN concrete pump station is in a class of its own.

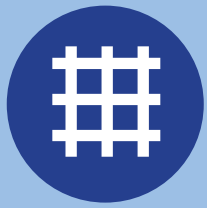
Standard Features

- Valve box built to municipal standards
- Aluminium lids built to municipal standard with safety grates
- Tapered floor to reduce sludge build up
- One piece roof slab which incorporates vent pole and control panel stand
- Stainless steel guide rails, lifting chains and pipe bracketing
- Stainless steel inlet knife valve
- Ductile or poly pipe work
- Dismantling joint or barrel union for removal access of valves
- Sluice valve or water marked isolation valves
- Ball type or municipal flanged non return valves

Easy Installation

The large tapered rebated key joint between each section enables easy placement of units and reduced crane time on site. Each unit is custom made to suit the required depth and pipe penetrations.



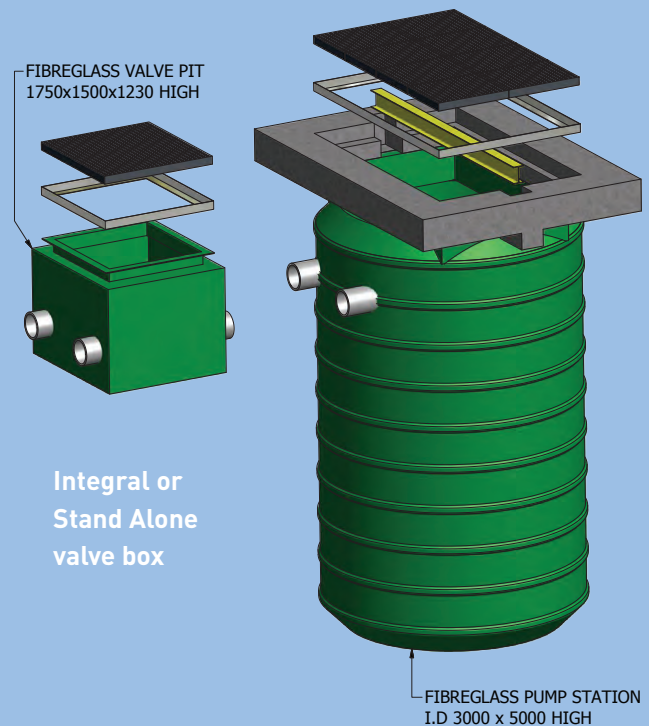
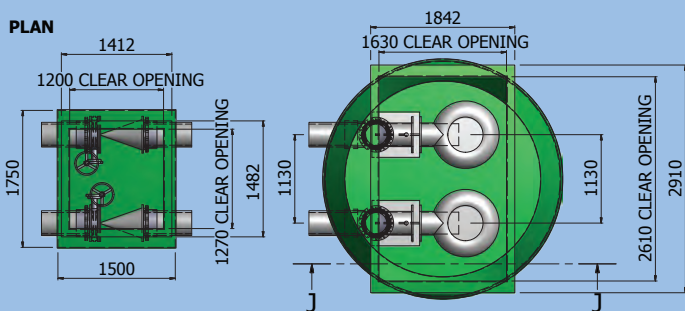


Fibreglass

TITAN FRP PUMP STATIONS

This pump station has been designed for both the high end industrial and municipal market and also as a competitive product to be used in the domestic market .

The Pump Station itself is built to handle the weight and pressure from a trafficable concrete slab in a service station but is also highly resistant to any effects from corrosive products that may come into contact with the product. Being a fibreglass and packaged system complete with guide rails, pipe work and valving, the TITAN FRP pump station is both a simple and cost effective system to transport and install. Similarly, the weight of the TITAN FRP pump station makes it easily transportable and simple to lift into position.



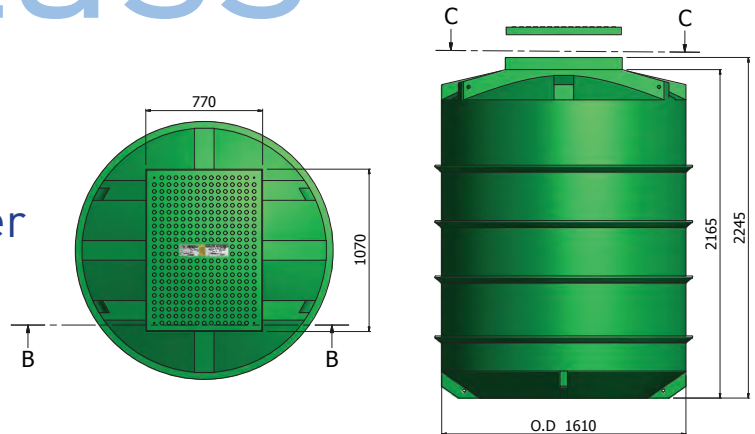
Standard Features/ Options

- Valve box
- Aluminium lids built to municipal standard with safety grates
- Tapered floor to reduce sludge build up
- Stainless steel guide rails, lifting chains and pipe bracketing
- Stainless steel inlet knife valve
- Ductile or poly pipe work
- Dismantling joint or barrel union for removal access of valves
- Sluice valve or water marked isolation valves
- Ball type or municipal flanged non return valve



Fibreglass

It provides an impervious structure for handling sewerage materials and other types of effluents.



Easy Installation

The Titan FRP one-piece fibreglass pump station is also a one-step installation pump station. The fibreglass material enables it to tolerate ground pressure at great depths. As it is delivered as a pre-packaged unit, step by step installation is not necessary. This pumping solution suits municipal, industrial, commercial and domestic customers such as engineers, builders, plumbers and contractors. The TITAN FRP pump station complements concrete and polyethylene pump stations and can be tailored for on-site installation.

Versatile

The Titan FRP pump station can be tailored for immediate on-site use. This pumping solution is suitable for pumping sewerage wastewater and storm water applications. It also provides an impervious structure for handling sewerage materials and other corrosive types of liquids. This pump system also features an electrical control panel for single and dual pump applications, with Building Management System and telemetry options. The TITAN Fibreglass Pumping Station may be equipped with a wide range of covers to suit a versatile range of traffic conditions.





TITAN PE PUMP STATION

This pump station has been designed for the commercial and domestic market which require a small volume pump well or as a temporary pump station for a construction site.

The TITAN PE Pump Station is perfect for use on mining camps and small unit developments which need a lift station to council main or camp treatment plant. Being poly also means that it is resistant to most corrosive products that enter the pump station. It also comes as a packaged unit which means that it is cost effective to transport and install.

Standard & Optional Features

- Valve box built to municipal standards
- Aluminium lids built to municipal standard with safety grates
- Tapered floor to reduce sludge build up
- One piece roof slab which incorporates vent pole and control panel stand if needed
- Stainless steel guide rails, lifting chains and pipe bracketing
- Stainless steel inlet knife valve if needed
- Ductile, poly pipe or PVC pipework
- Dismantling joint or barrel union for removal access of valves
- Sluice valve or water marked isolation valves
- Ball type or municipal flanged non return valve



Options

Pump Stations

Titan Pump Stations come with additional equipment that may be required to meet the design requirements for specific site or to treat a problem where a turnkey solution is required.

Installation team

The TITAN in-house Project Team consists of fully licenced Plumbers, Electricians and C.E. trained personnel: This division specialises in design plus installations from industrial to mining camps and domestic applications

Control panel

Titan also has its own in house division which specialises in the building of control panels. We can offer you a Titan specified control panel to suit your individual requirements and specific site.

Supported Pump Manufacturers

- Flygt
- Caprari
- Davey
- Grundfos

- Internal pipe work and ladder



Pump station options and services

- Odour control
- Well washer
- Inline macerator
- Aluminium lid
- Vent poles
- Site specific control panel
- Site specific communication system
- Turnkey installation
- Site specific level control
- Pump station design with CAD drawing
- Site investigation
- RPEQ engineering where required
- Grab rails
- Internal ladders

For further information please contact the Titan team

- Packaged valve pit with aluminium lid and safety grate

25 years Experience

TITAN offers a complete 'turnkey' solution for your next project, including design, installation, commissioning and maintenance. Talk to us about industrial drainage, industrial wastewater management, pipelines and pipe systems, water treatment, filtration, dust suppression, tank storage, electrical supply and integrated control systems.

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