

DTB PUMPS

ENGINEERED PUMP SYSTEMS

{ FOR BUILDING PROJECTS AND WATER HARVESTING }



**DTB
PUMPS**

> WHO ARE WE?

DTB International Pumping creates high quality engineered pump and water management solutions for commercial, civic and domestic building infrastructure projects.

With over **30 years experience** in the sector, we possess the most advanced technical knowledge and capabilities in electrical and mechanical engineered pump and control systems.

We design, manufacture, service and supply fully-automated pump systems for:

- > water supply and management
- > stormwater and sewerage disposal
- > waste water treatment
- > water harvesting
- > paper chemical
- > mining



We tailor our pump systems to the specific needs and budget of the customer or project. We pre-package these systems to ensure they are easy and cost effective to install.

With our field experience and engineering expertise, we stake our reputation on the reliability and durability of our pump and water management systems. We promise to support our customers for the life of the system.

> PRE-PACKAGED PUMP PITS

DTB designs and manufactures a wide range of pre-packaged pump pits for the disposal of sewerage and storm water for domestic and commercial applications. The fully engineered, pre-packaged systems come complete with the pumps pre-plumbed and pre-wired, which makes for trouble-free installation on site.

Our PumpmatiX pump controllers manage the operation of the pumps, informing the end user of the status of the system's operation. The rotomoulded lightweight polyethylene pits are ideal for easy installation, and incredibly durable.

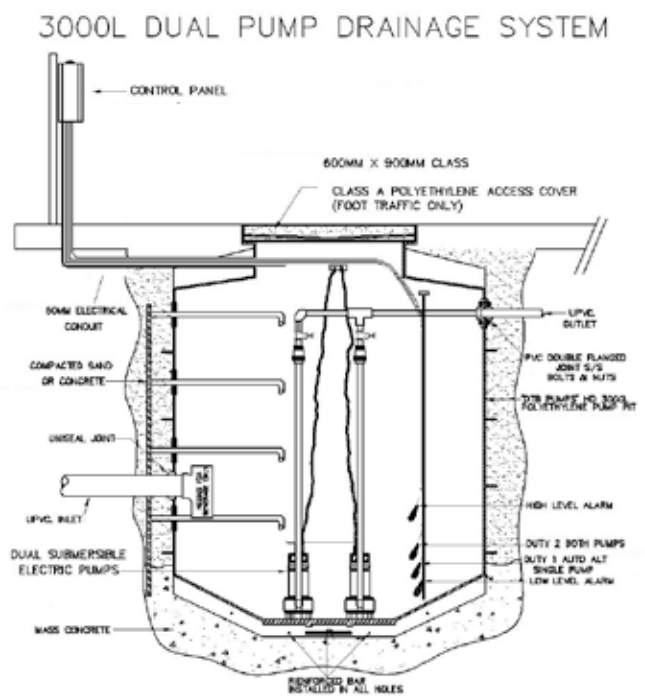


> CAD DRAWINGS & SYSTEM DESIGN

DTB can provide your engineering or architectural firm with completed and fully conceptualised CAD drawings for all our systems. We will work with your organisation to edit these CAD blocks to include the correct specifications for your building project.

These tailored, pre-packaged CAD drawings can simply be imported into your pre-existing design drawings to produce fully-operational project documents. Our CAD service is just another way DTB makes your job easier.

Documentation is an important part of any project. DTB equipment is delivered with operation and service manuals as well as electrical and mechanical schematics to instruct in the precise installation procedure.



{ WATER HARVESTING }

> ALTERNATIVE WATER SOURCES

DTB has vast expertise in alternative water source management such as bore water installations and grey water treatment systems. We have superior knowledge of non-chemical water treatment applications, including UV sterilisation, ozone treatment, and desalination in the form of reverse osmosis and ultra-filtration systems.

Importantly, we possess the appropriate technical expertise to combine these technologies to create pre-packaged pump sets tailored precisely to your needs.

OZONE SANITISING SYSTEMS



UV STERILISING UNITS



DESALINATION UNIT

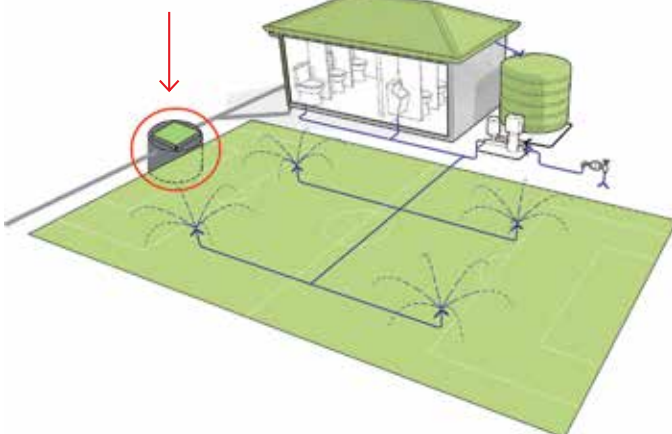


{ RAIN WATER HARVESTING }

> COMMERCIAL RAINWATER HARVESTING

One of the world's fastest growing markets is in the environmental solutions area. DTB has drawn upon its engineering expertise and practical experience to design a range of equipment that can dramatically increase the customer's water harvesting potential. We design, manufacture and supply fully automated, pre-packaged pump systems that maximise the collection of rain water for external irrigation and internal water supply. These water management systems are perfect for all domestic, commercial and civic building applications.

RAIN RETURN WATER HARVESTING PUMP PIT



> DOMESTIC RAINWATER HARVESTING



{ RAIN WATER HARVESTING }

> DOMESTIC & COMMERCIAL RAINWATER SUPPLY

DTB creates pre-packaged rain water pump systems for use in a variety of commercial and domestic applications. Our state-of-the-art pump systems can be tailored to manage the use of rain water and other alternative water sources, and supplying that water to any building, sports field or commercial applications – whatever the size. We provide pre-wired, pre-plumbed, fully-tested rain water supply systems that are ready and easy to install. No application is too big, no job is too small – DTB systems are fully engineered to cope with any volume of water without compromising performance.



- > Fast and easy to connect to services
- > Pumps are protected from running dry
- > Automatically switch to mains when the tanks are empty
- > Pre-packaged systems ensure lower costs on installation
- > Low level alarm when storage level is low
- > Still supplies water if power supply is off
- > Dual pump systems available

{ WATER SUPPLY }

> VARIABLE SPEED WATER BOOSTING PUMPS

DTB designs and manufactures a wide range of pre-packaged water boosting sets for domestic and commercial water supply systems. Complete and ready to use, comes pre-plumbed, wired and programmed. Just connect to the sites services, saving you time and money.



- > Ideal for commercial building requiring water boosting
- > New innovation in Variable Frequency Drives to save on power
- > Easy to use touchscreen controller interface
- > Quality engineered pump with optimum performance

{ MANUFACTURING }

> TESTING

All DTB-manufactured control systems are tested hydraulically and electrically before shipment. Field conditions and parameters including water pressure and flow rates are simulated and programmed to ensure trouble free installation once the pre-packaged system arrives on site.

ELECTRICAL PROGRAMMING & TESTING



HYDRAULIC TESTING



{ MANUFACTURING }

> FABRICATION

DTB's world-class technicians are highly skilled and experienced mechanical, electrical and instrumentation tradesmen. The designed systems are fabricated under the strictest quality controls.

All projects are supervised by our experienced project engineers. Our in-house design and construction process ensures all DTB equipment is manufactured efficiently resulting in lower manufacturing costs.

ELECTRICAL CONTROL SYSTEMS



MECHANICAL FABRICATION



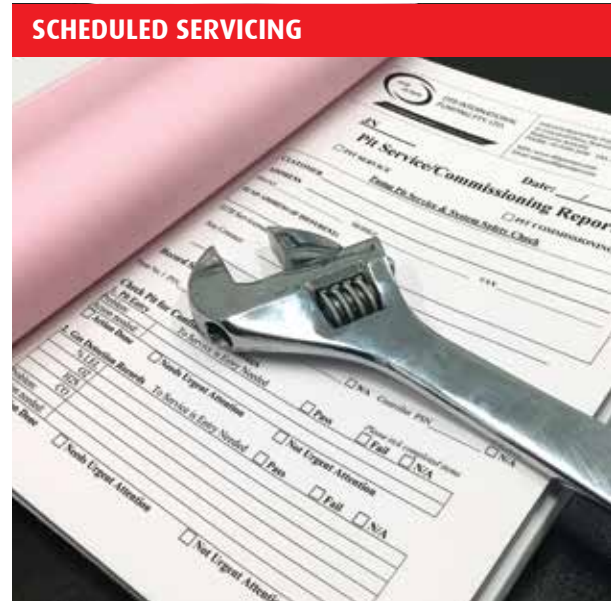
{ SERVICE }

> SCHEDULED SERVICING

At DTB we provide a complete service experience for our customers which include periodic reminders for service at three month, six month or twelve month intervals.

We offer services to ensure your pump station is fully operational, which includes pump assessment, pit cleaning and electrical control testing. To make things more efficient and cost effective, we supply our own cleaning equipment if required. If any parts of the system need replacing or upgrading, they can be done on-the-spot.

Upon completion of service you are provided with a complete system report and a list of recommendations to maintain the health of your pump system until your next service.



{ SERVICE }

> REPAIRS & REFURBISH



As a pump manufacturer, DTB has the engineering knowledge to repair and refurbish all makes and models of pump systems, even those not installed or produced by DTB.

We assess your pump and replace worn out/damaged parts and repaint (if required) to get your pump back to it's original performance.

> SPARE PARTS

DTB source and have access to a large range of high quality parts and products that can be purchased on site or from our warehouse. We specialise in goods related to plumbing fittings, pump and electrical parts.

Competitive prices; fast delivery; and access to a range of premium suppliers are just a few of the benefits of doing business with DTB.



> WHY CHOOSE DTB INTERNATIONAL PUMPING FOR YOUR NEXT BUILDING PROJECT?

DTB International Pumping will keep your building project in-house from the design process through to fabrication, testing and commissioning of the pre-packaged pump system. This means guaranteed reliability, efficiency and durability at a lower cost to you. We offer our vast experience and engineering expertise to help pinpoint your exact water management needs, or those of your customer. This could be a complete fully integrated service or it might be limited to design and manufacturing – the choice is up to you.

Call DTB today... for Quality Service... Every time.



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