

ENGINEERED PUMP SYSTEMS

for building projects and water harvesting



IT'S OUR ENGINEERING EXPERTISE WHICH MAKES THE DIFFERENCE

{ 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 fifteen 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
- > water harvesting
- > waste water treatment
- > stormwater and sewerage disposal
- > mining
- > paper chemical

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. And we *promise* to support our customers for the life of the system.

{ BUILDING INFRASTRUCTURE }

> 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 buildings. 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 rotor-moulded lightweight polyethylene pits are ideal for easy installation, and incredibly durable.

PACKAGED SYSTEMS



PUMP CONTROLLERS

Our electronic pump pit controllers are run by state-of-the-art software ensuring smooth efficiency of function.



Standard controller features include:

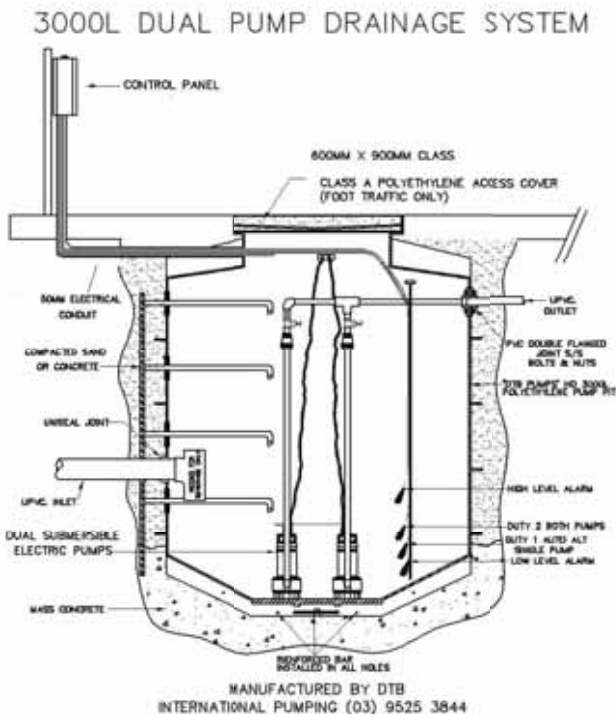
- > Auto/Off/Manual pump selection
- > Audio-visual alarms (Auto mute)
- > Ancillary alarm (BMS) contacts
 - > Systems status LEDs
- > Manual pump selection changes back to auto after 2½ minutes

> 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 cut and pasted into your pre-existing design drawings to produce fully-operational project documents.

Our CAD service is just another way DTB makes your job easier.



> INSTRUCTIONS

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.

> ALTERNATIVE WATER SOURCES

DTB has vast expertise in alternative water source management such as bore water installations and grey water treatment systems. We also 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



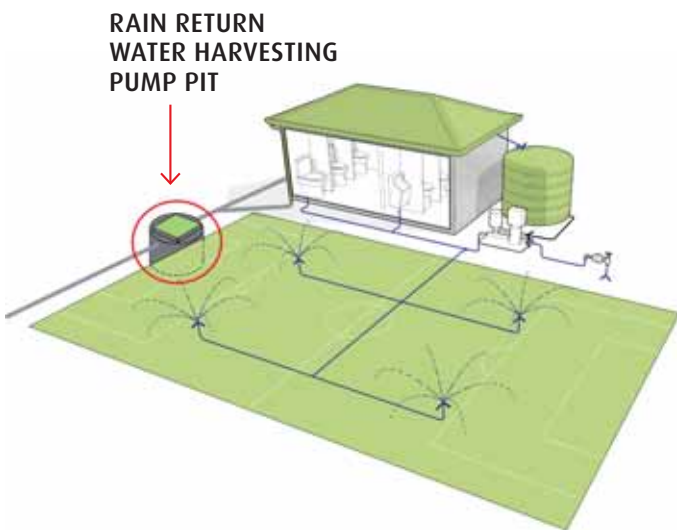
DESALINATION UNIT



> COMMERCIAL RAIN WATER 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 commercial and civic building applications. They are also ideal for installation in domestic applications.



> DOMESTIC RAIN WATER HARVESTING



> COMMERCIAL RAIN WATER SUPPLY

DTB creates pre-packaged rain water pump systems for use in a variety of commercial and civic 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 job is too big, no application is too big – DTB pumps are fully engineered to cope with any volume of water without compromising performance, and to distribute it any distance or height.



- > 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

> DOMESTIC RAIN WATER SUPPLY



> 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



> 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



> 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.

DTB INTERNATIONAL PUMPING PTY. LTD.

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