



**DEEP TEC**  
ENGINEERING

**COMPANY PROFILE**

[www.deeptec.lk](http://www.deeptec.lk)

# Welcome

## Who We Are.

DEEP TEC Engineering (Pvt) Ltd. is one of the most prominent water pumping service company in Sri Lanka. We deal with major brands of residential, commercial & industrial pumping equipment's. We have great power in importing, representing and supporting in the pumps and pressure systems sector for domestic, industrial and agricultural use.



## OUR VISION

To be the best Mechanical and Electrical Engineering Solution Provider  
For Water Supply Industry

## OUR MISSION

We focus our customer by providing the necessary technical support and delight the customer by service provided. We maintain high degree of quality in products to fulfil customer requirement. We committed to maintain safe and friendly work environment for all stake holders. To encourage the Involvement of people we empower and enhance the workforce with required knowledge to perform their work productively in cross functional approach.

Moreover, we encourage for innovation to sustainable development of the organization. We develop mutually benefited supplier relationships. We ensure improvement continually to take forward the business efficiently and effectively.

## OUR VALUES

- We develop relationship that make a possitive difference in our customers lives
- We work together across boundaries, to meet the needs of our customers and to help our company win.
- We provide in outstanding product and an unsurpassed service that,together, deliver premium value of our customers





## Why Deep Tec Engineering For Your Projects?

We focus on the complete water system equipment's including drilled water well, fully customizable water well pumping system, tank storage and solar power pump installations that always include our never-ending professional customer support.

Deep Tec engineers are geared up to give you a fast, efficient 'on-site' service for breakdowns, routine maintenance and installation. We have the equipment and experienced personnel to get the job done right, professionally and on time. We offer competitive prices and will work with you to provide what you need at a price you can afford

## OUR PRODUCTS & SERVICES

### Application Of Submersible Borehole Pumps And Motors

- Municipal Water Supply and distribution
- Industrial Application such as cooling, cleaning and production
- Agriculture and Irrigation
- Pressure boosting in high rise buildings
- Dewatering in mines
- Fountains, etc.



### Pressure Booster System Include

- Vertical multistage pumps
- Horizontal multistage pumps
- VSD control panels
- Constant pressure controllers
- Pressure tanks Pressure sensors



### Types of industrial centrifugal Pumps

- End suction centrifugal pumps
- Sprinkler irrigation pumps
- Double impeller centrifugal pumps
- Monobloc horizontal pumps
- Stainless steel centrifugal pumps
- Bare shaft centrifugal pumps



### Types of Drainage Pumps

- Stainless steel submersible pumps
- Open impeller drainage pumps
- Double channel impeller pumps
- Auto coupling pumps
- Sewage water pumps with grinder
- Heavy duty type submersible pumps



### Tube well Service

- GEO - Investigation
- Construction of the tube wells
- Flushing and development of tube wells





# Submersible Pumps

Our durable submersible pumps cater to the varying needs of the clientele and are manufactured in order to ensure the highest level of efficiency. Our main goal is to provide customer-based quality pumps to our clients earning us the name of becoming pioneers in the export of durable submersible pumps of the most premium brands

## Borehole Pumps

Borehole or well pumps are submersible pumps that are commonly used for spraying, irrigation, and pumping water from wells. A wide selection of high-pressure pumps are available for use in agriculture and industry. Borehole water is generally extracted with these water pumps. Multistage centrifugal pumps for wells that are submersible. The delivery outlet has a built-in check valve. Pump flanges for motor coupling are made in accordance with NEMA requirements. Civil and agricultural applications are the most popular



## Submersible Motors

Submersible motors, that can be rewind, in non-toxic oil bath characterised by the high peak torque, mechanical compactness, reliability.

## Submersible Drainage & Sewage

Submersible pumps (also known as stormwater pumps, sewage pumps, septic pumps) are widely used across building services, commercial, domestic, municipal, rural, industrial, and rainwater re-use applications



# Surface Pumps

Our surface pumps perfectly encapsulate client requirements and exceed expectations and are the first choice for many industries and sectors. We strive to achieve standards of quality and maintenance. Our surface pumps are widely sought after and used

## Centrifugal pumps

Centrifugal pump that combine medium head with medium-high delivery ideal for sprinkle irrigation and in applications where quiet operations are requested and a slight pressure change as the delivery changes



## Vertical Multistage pumps

Stainless steel multistage vertical pumps. For non-loaded clean fluids, pressurizing system, irrigation, drinking and glycol water, water treatment, food industry, heating and air conditioning, washing system.

## Horizontal Multistage pumps

Stainless steel multistage horizontal pumps. For non-loaded clean fluids pressurizing system, irrigation, drinking and glycol water, water treatment, heating and air conditioning, washing system



## Pressure Booster pumps

Automatic working pressure systems build-up with centrifugal or self priming electropumps. Each set, ready for the installation, is made by an electropump, a pre-rated and adjustable pressure switch, pressure guage, connector membrane tank and cable with plug. The set specification and performances are related to the adapted electropump, tank capacity and pressure switch rating

## Fire Fighting Pumps

Monobloc horizontal centrifugal pump, constructed to EN 733 standards widely used in water supplies, pressurisation and fire-fighting systems, cooling, heating, irrigation, industrial and agricultural applications standard supply with counter-flange.



## Pool Pumps

Electrical self priming pump for pools with large pre-filter which, together with its excellent hydraulic performance, gives a very large filtering capacity. Filter with a transparent, polycarbonate lid that easily allows inspection of the interior of the prefilter sleeve. No possible electrical contact with the water as no part of the motor is open to it. It includes a standard key for effortless opening of the pre-filter lid.



# Water Fountain

Deep Tec is a company dedicated to large fountain water performance art and urban fountain construction. We have experience in fountain design, fountain construction and fountain maintenance. By combining unique culture with modern laser projection and digital imaging technology, we have successfully completed a number of outstanding fountain in Sri Lanka.

We have an exceptional fountain service team, including skilled project design engineers, highly innovative software developers, and experienced installation crews, as one of Sri Lanka's leading fountain and water Feature design businesses.

## Water Fountain Project at BMICH



## Water Fountain Project at Diyatha Uyana





# Solar Water Pumping System

Deeptec Engineering is a master in Solar water pumps systems where they create the entire system for the farmers and other industries to execute their work without interruption. Deeptec Engineering is a pioneer in the Solar water pumps industry in Sri Lanka; they combine their innovative ideas and amalgamate them with traditional systems to give the best outcome for the farmers. Combining the Internet of Things with Solar water pumps has become a cutting-edge technology in the farming industry. The fullest credit should be given to companies for their cutting-edge technology and innovation, creating a whole new dimension in the Solar water pumps industry.

Nowadays, we all look for renewable energy as an alternative energy source to power our industries. Especially in the agriculture industry, solar pumps could be a great help. With the current situation in Sri Lanka, not having Electricity and power outages could be disasters for some sectors. For example, suppose you're managing a farm, and not having the power to start your water pumps could be a disaster for your harvest. Not only that, limited fuel supply is another major problem in the country; in a situation like this, having solar water pumps could be a huge advantage.





## Motor Control Panels

The Motor Control Panels are able to reduce the starting torque and inrush current as well as protect a pump from over-current and other conditions. Our control panels are inside a powder coated MS enclosure to prevent corrosion and provide protection simultaneously.

## Digital Control Panels

Dry run Protection Panel Water level protection for both Well & Tank Intelligent Pump Motor Protector model MP-S1 Plus is an easy to use, programmable protection device for direct start, single phase deep well submersible pump, centrifugal pump, pipeline pump motor etc..

Typical usage - Houses /Flats /Holidays houses  
/Farms /Water supply from wells /Irrigations of greenhouses, gardens, agriculture /  
Rain water reuse /Industrial plants /Waste water tank / Sewage sink



## Control Panels

Pump Control Panels are utilized in motor control applications that are part of water-based systems to automate machinery. This sort of control panel consists of multiple power components that govern the pump motor's function, as well as several operator control devices. The power components that operate the pump motor are managed by a pump control panel (also known as a pump controller or pump control box). It allows for automatic pump operation while also monitoring various aspects of the pump to ensure everything is in working order. It features pilot devices that allow the user to regulate the pump, as well as sensors that protect the pump. Having a pump control panel allows you to quickly and instantly adjust the pump output while also being alerted to any difficulties or changes. On your control panel, you may find the following features and options: main power disconnect, manual/auto selector, pressure setpoint, and speed selector. You may also be able to keep track of the following things: running status, alarm status, System Voltage and System amperage.



## The future of Agriculture IoT Based Smart Agriculture

According to the Food and Agriculture Organization, more than 60% of the world's population depends upon agriculture for their living. It implies the World's economy is heavily dependent upon this sector. IoT which has transformed several industries digitally has been a driving factor for building a Smart agriculture system

### The future of Agriculture is Smart Farming

Smart farming system using IoT is the need of the hour. With AI and machine learning, the current IoT technology in the Agriculture sector has proven to improve the quality and quantity of the crops with increased productivity.





# OUR PROJECTS

## Port City Colombo project

Sri Lankan Government enters into a PPP with CHEC Port City Colombo Ltd.  
Proud to be Partnering with Colombo Port City Project. AUTHORIZED



Agunakolapelessa  
Solar Powers System



Airport Katunayake  
15 Deep Well Project



Monaragala  
Nearest School is best  
School Project



Boyagane  
Army Camp Deep well water project



## Some of our Clients

Deep Tec Engineering has been grateful to have worked with many encouraging clients over the years and here are some of our highlighted clients.







# RESIDENTIAL & INDUSTRIAL Applications



**AUTHORIZED DEALER**



**MADE IN ITALY**



**CUSTOMER CARE HOTLINE**

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