

DEEP TEC
INNOVATE YOUR WORLD

COMPANY PROFILE

www.deeptec.lk

Welcome

Who We Are.

DEEP TEC is one of the most prominent Solar solution & water pumping service company in Sri Lanka. We deal with **major brands of residential, commercial & industrial pumping equipment**. 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

DEEP TEC

Why Deep Tec Engineering For Your Projects?

We specialize in providing comprehensive water system solutions, including drilled water wells, fully customizable pumping systems, tank storage, and solar power pump installations, all backed by our unwavering commitment to professional customer support. Our skilled engineers are always ready to deliver prompt, efficient on-site services for breakdowns, routine maintenance, and installations. Equipped with advanced tools and a team of experienced professionals, we ensure every project is completed with precision and within deadlines. We offer competitive pricing and will collaborate closely with you to deliver tailored solutions that fit your budget.

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 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



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



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.

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 applications include houses, flats, holiday homes, farms, and water supply from wells/ irrigations of greenhouses, gardens, agriculture / Rainwater reuse / Industrial plants / Waste water tanks, and Sewage sink.



CONTROL PANELS

Pump Control Panels are essential in motor control applications for water-based systems, automating the machinery with a combination of power components that regulate the pump motor and operator control devices. These panels, also referred to as pump controllers or control boxes, enable automated pump operation while monitoring critical pump functions to ensure optimal performance. They include pilot devices for user control and sensors for pump protection, allowing for quick adjustments to pump output and immediate alerts for any issues or changes. Typical features and options on a pump control panel may include a main power disconnect, manual/auto selector, pressure setpoint, and speed selector. Additionally, the panel may track key metrics such as running status, alarm status, system voltage, and system amperage.

PRESSUER BOOSTER PUMPS

Our pressure booster pumps are designed to address low water pressure issues efficiently. Whether you need a solution for a multi-story building, commercial facility, or large-scale industrial system, we provide customisable, energy-efficient, and reliable pump systems to meet your specific needs.

These pumps are widely needed by,

- **Residential Buildings** - Homes, especially multi-story buildings, require booster pumps to maintain adequate water pressure for daily household activities like bathing, cleaning, and cooking.
- **Commercial Buildings** - Hotels, offices, and shopping complexes often use pressure booster pumps to ensure constant water pressure across multiple floors and to meet the demands of numerous occupants.
- **Agriculture and Irrigation** - Farms and agricultural areas use booster pumps to distribute water over large areas for irrigation purposes, ensuring even water distribution to crops.
- **Industrial Facilities** - Factories and industrial operations require consistent water pressure for processes like cooling, cleaning, or production, where water is a crucial component.
- **Hospitals and Health Facilities** - Hospitals need consistent water pressure to maintain hygienic conditions, operate equipment, and provide services to multiple patients simultaneously.
- **Municipal Water Supply** - Water distribution networks in cities and towns may rely on booster pumps to deliver water to higher elevation areas or to distant locations from the source.



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 completed several outstanding fountains 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

Deep Tec offers comprehensive Solar water pumping systems, designing complete ecosystems for farmers and various industries to support agriculture in Sri Lanka. As a leading pioneer in the country's solar water pump industry, Deep Tec integrates innovative ideas with traditional systems to deliver optimal solutions for farmers. These advanced innovations have revolutionized the Solar water pump industry, providing a new dimension of efficiency and sustainability.

In today's pursuit of renewable energy, solar water pumps offer significant advantages, particularly in agriculture. With Sri Lanka facing power outages and fuel shortages, solar-powered pumps are a crucial solution for industries like farming, where a loss of electricity can severely impact operations and harvests. Solar pumps provide reliable and sustainable alternatives and help to mitigate these challenges. We also collaborate with World Bank-funded projects and the ASMP (Agriculture Sector Modernisation Project) to support rural farmers.



WE COVER ALL ISLAND TO DEVELOP AGRICULTURE SECTOR

Main Solar Water Pumps Projects

- Mahaweli Authority of Sri Lanka
- World Vision Lanka
- Ministry of Agriculture - CSIAP
- Ministry of Irrigation - CRIWMP
- Provincial Road Development - Western
- NWSDB - Peradeniya
- Chilaw Plantation Limited
- Seed Production Farm - Walpita
- Department of Animal Production & Health
- United Nation Development Programme

Covered Areas

- Southern Province
- Northern Province
- North Western Province
- Western Province
- Central Province
- Eastern Province
- North Central Province
- Sabaragamuwa Province
- Uva Province



SMART AGRICULTURE

Smart agriculture leverages advanced technologies like IoT, AI, and big data to optimize farming practices, enhancing efficiency and sustainability. By providing real-time data on soil, crops, and weather, it enables farmers to make informed decisions, improving resource management and increasing yields. Smart agriculture reduces waste, conserves water, and lowers the environmental impact through precise interventions such as automated irrigation and GPS-guided machinery. For farmers, especially in challenging regions like Sri Lanka, it enhances productivity, minimizes risks, and ensures sustainable farming practices, addressing both global food demand and environmental challenges effectively.

Solar Water Pump System

solar panel knapsack sprayer

Drone Technology sprayer

Deep Tec Offer

Poli Tunnel Agriculture

Robotic Technology

Drip-Irrigation



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.



SOLAR ON-GRID SYSTEM

A solar on-grid system offers a highly efficient and cost-effective solution for both domestic and industrial energy needs. By harnessing solar energy and connecting directly to the power grid, this system allows customers to significantly reduce their electricity bills while contributing to a greener and more sustainable environment. For industries, the system provides long-term savings by lowering operational costs, while for homeowners, it ensures reliable energy at a fraction of conventional power costs.

Additionally, the system's ability to sell excess energy back to the grid creates an opportunity for generating revenue, making it an attractive investment. With rising electricity prices and growing environmental awareness, adopting a solar on-grid system offers both financial benefits and a future-proof solution, increasing the intention to purchase and switch to renewable energy.



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



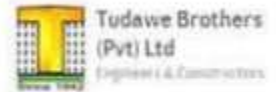
Monaragala
Nearest School is best
School Project



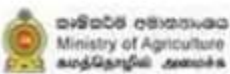
Boyagane
Army Camp Deep well water project

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.



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