

FUTURE INSPIRED

By the time you have turned this cover, we would have treated 30,000+ MLD of Water & Wastewater worldwide for a sustainable future!

Equipment | Engineering | Solution Provider



About the theme

Future **Inspired**

Water is a basic necessity.

It is the source of life, health and progress.

At Triveni Equipment, our existence is inspired by the belief that clean water should be a right, not a privilege.

In this spirit, we constantly strive to provide end-to-end, innovative solutions that serve to preserve, conserve and reproduce water by recycling this precious resource.

Our research enables us to explore more efficient and sustainable water, wastewater and recycling treatment equipment and our cutting-edge facilities support us in crafting futuristic and life-changing solutions, in response to the challenges of contaminated and depleting water reserves.

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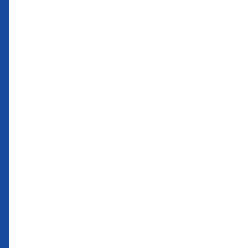


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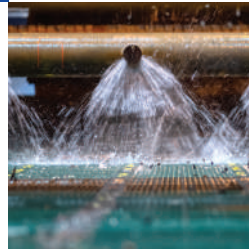


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Inspired Engineering

For almost a century, the Triveni Group has had a presence in sectors that are the building blocks of the economy. Through its listed companies, Triveni Engineering & Industries Ltd. and Triveni Turbine Ltd., it has consistently undertaken and accomplished pioneering work.

Triveni Equipments, which is a part of the water business of Triveni Engineering & Industries Ltd., provides equipment for water and wastewater treatment solutions.

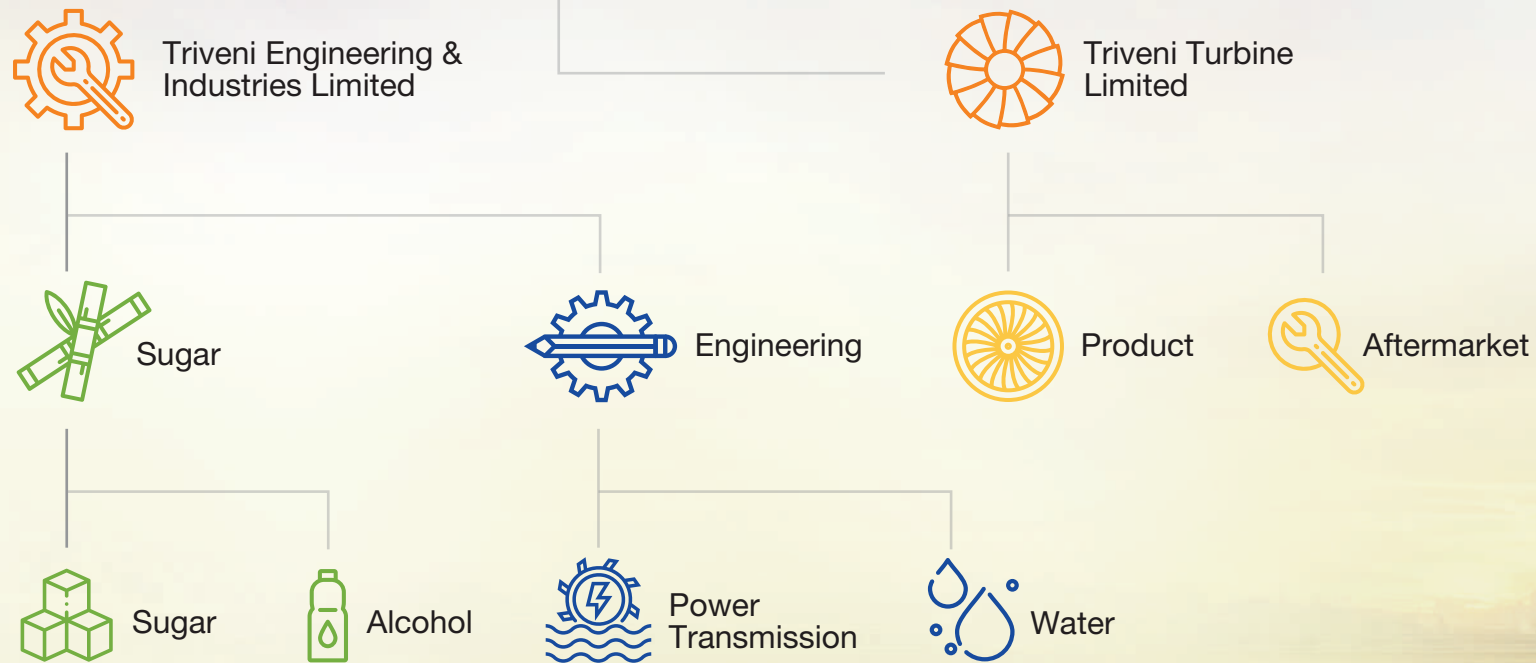
Triveni has come a long way since it started manufacturing wastewater treatment equipment, way back in the 1980s. Today, we manufacture a large spectrum of equipment, such as WTP, ETP, STP, CEPT etc., which finds application in industries such as municipal works, pulp and paper, power, steel, mining, coal, etc.

With a dedicated team of engineers, end-to-end SAP-based solution under one roof and state-of-the-art manufacturing facilities in Noida and the Delhi-NCR region, we leverage technology to provide customized and sustainable solutions to the government, utilities and EPC players.

All the equipment manufactured at our facilities are checked for quality to meet global standards.

Vision

We strive to maintain sustainable business growth through continuous innovation, market development and customer retention while creating long-term value for all our stakeholders



Founding Principles



Professional and transparent business practices

Strong focus on Corporate Governance & Environment, Health & Safety (EHS)



Best in class manufacturing

Internationally benchmarked on quality standards



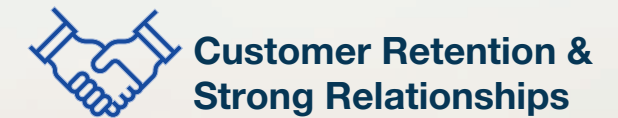
Consistent R&D of technology to surpass customer needs

Experienced team with an Innovation forward mindset



Leadership in all our business lines with sustainability at the core

Enabling environmentally responsive operations



Sustainable solutions that create a high degree of value for our customers

Strong networks in place to enable smooth business operations

Water Matters

26%
of the world's
population lacked
safe drinking water
in 2020

44%
of global household
waste water
is not treated

70%
of global industrial
waste water
is not treated

4,000+
Process equipment supplied
and commissioned in
various applications
and industries

Our water application equipment range is
inspired to improve the source of Life

Engineering



Contract & Service
Management



Rehabilitation
& Upgradation



Manufacturing



Supervision
Services



Research
& Development



Inspired Water Solutions

Intake System

- Stop-Log Gate
- Trash Rack
- Trash Rack Cleaning Machine
- Travelling Water Screen



Skimming

- Dissolved Air Floatation (DAF) Separator – Rectangular
- DAF Separator – Circular
- API Separator



Grit Separation

- Square Tank Grit Collector
- Rectangular Tank Chain & Bucket Grit Collector
- Aerated Grit Channel
- Vortex Type Grit Collector



Screening

- Multi Rake Mechanical Screens
- Cable Operated Bar Screen
- Step Screen



Clarification

Conventional Circular Clarifier

Clariflocculator

High-Rate Solids Contact Reactor Clarifier

Suction Type Clarifier

Rectangular Clarifier -Chain Scraper Sludge Collector

Rectangular Clarifier - Travelling Bridge Sludge Scraper

Thickeners

Lamella Clarifier

Agitators



Biological Treatment

Trickling Filter / Bio - Tower

Low Speed Surface Aerator -
Fixed / Floating



Sludge Handling

Belt Filter Press

Belt Filter Press - Gravity Belt Thickener

Belt Filter Press - COMBI (With Gravity Thickener)

Rotary Vacuum Drum Filter

Rotary Vacuum Disc Filter

Digester Gas Mixing Lancing Mechanism

Futuristic Innovations in Water Conservation

Reverse Engineering

Services

Erection & Commissioning

Furnish spare parts for (Own & Other manufacturer) equipment in running plants

Technical assessment of plant for planning upgradation

Renovating/upgrading existing equipment

Advantages of Renovation / Modernisation & Upgradation

Plant Downtime Lowering

Power & Operating

O&M Cost Reduction

Upgrade Equipment as per Latest Technology

Increase system/equipment output & efficiency

Increase overall safety of the system/equipment along with various environmental benefits

Process Flow

Inspection/Diagnose

Expert Visit site to diagnose the health of the equipment

Examine the existing equipment

Detailed report prepared and submitted to our technical team

Engineering/Analyse

Technical team works on the best possible options

Solutions are based on technically & commercially best viable option

Resolutions are provided as per latest technology trends

Recommend

Solutions/best options are suggested

Recommendations are backed with technical justification

Customised solutions can be provided to meet the site requirements

Replace/Upgrade

Replace existing/old equipment by new upgraded ones

Process carried out in the presence of our experts for perfect fit at site

Review the performance of the replaced equipment

Cutting-edge Water Treatment Facilities

We have our state-of-the-art manufacturing facility equipped with CNC machines at Noida, U.P, India.

Additional manufacturing & storage facility available at New Delhi NCR Region.



Aqua-achievements

850+
Intake System

70+
Screens

220+
Grit Collectors

230+
Aerators

180+
Clariflocculator

220+
Clarifiers

230+
Thickeners

180+
High-Rate Solids
Contact Reactor
Clarifiers

94+
Travelling Bridge
Sludge Collectors

150+
Belt Filter Press

130+
Rotary Vacuum
Filters

20+
DAF

50+
Digester Mixers

8+
Bio Tower/Rotary
Distributor

350+
Various Agitators

Guarding Every Precious Drop for the Future



Municipal



WTP



STP



Mining



Refineries



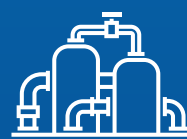
Steel Plants



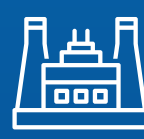
Pulp & Paper



Oil & Gas



Minerals Processing Plant



Thermal Power Plant



Hydro Power Plant



Desalination Projects



Industries with Water System



Infrastructure Projects



Pharmaceutical Industries



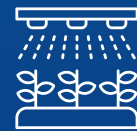
Sugar Industries



Coal



Dairy



Irrigation Projects



Sand Processing Plant

The Inspired **Blue Revolution**

INDIA | THAILAND | CHILE
CHINA | UZBEKISTAN | USA
SRI LANKA | IRAQ | UAE
BANGLADESH | OMAN



Exploring **Blue Boundaries**

Engineering is our core capability and we invest consistently in world-class technology to ensure premium quality solutions for our customers.

Our passion to support them in their mission to protect Blue and go Green has driven us to constantly commit time, effort and capital towards Research & Development.



ISO Certified



**ISO 9001:2015
Certified Company**

Consistently providing products and services that meet customer's and applicable statutory & regulatory requirements. We always aim to enhance customer satisfaction through effective application of the Quality Management System.



**ISO 14001:2015
Certified Company**

Continually improving environmental performance by Identifying and controlling the environmental impact of our activities, products and services.



**ISO 45001:2018
Certified Company**

OH&S management has been established, implemented and maintained to improve occupational health and safety, eliminate hazards and minimize OH&S risks. We thrive to provide safe and healthy workplaces for workers & employees.

Working with Water



Safe & Healthy working environment in our manufacturing facility & Project sites



Regular safety measure trainings conducted for workplace & outside



Provide safe - workplace, access to work, equipment and competent fellow workers with protection from risks

Inspiring Respect for the Blue Planet

The Company has proactively embraced social responsibility to create a positive impact in the communities in which it works and operates. Along with sustained economic performance, Triveni believes in the importance of social stewardship. The Company is committed to creating an environment that contributes to the well-being of communities and the conservation of nature.

We undertook a project during FY 22 "Developing innovative techniques for improved water resource management for informed decision-making". The objective of the project was to raise awareness of diverse stakeholders on usage of innovative methods, state-of-the-art tools and world-class techniques that meet international standards and enable appropriate decision-making for water resource planning in India.





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