

Inspired Engineering

Corporate Brochure

SUGAR

ETHANOL

POWER TRANSMISSION

WATER SOLUTIONS

DEFENCE

BRANDS

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BUSINESS AT A GLANCE

Triveni Engineering & Industries Limited is a diversified, integrated and sustainable organisation, rooted in innovation, quality and customer-centricity. We are one of the largest integrated Sugar and Ethanol manufacturers in India and a dominant player in our Engineering businesses.

Who we are

We are an industry-leading organisation, with extensive expertise in delivering quality products and solutions to a growing clientele across geographies. The foundation of our profitable growth and sustained value delivery is built on our network of strong relationships, research & development capabilities, excellence in manufacturing, engineering efficiency and stringent quality controls. We run our operations with strict adherence to all Environment, Health & Safety (EHS) norms to provide clean, safe and healthy working conditions to our employees, and total protection to the communities around which we operate.

With our continuous investments in world-class technology and Industry 4.0 best practices, we ensure premium quality products with fast deliveries and cost efficiencies.

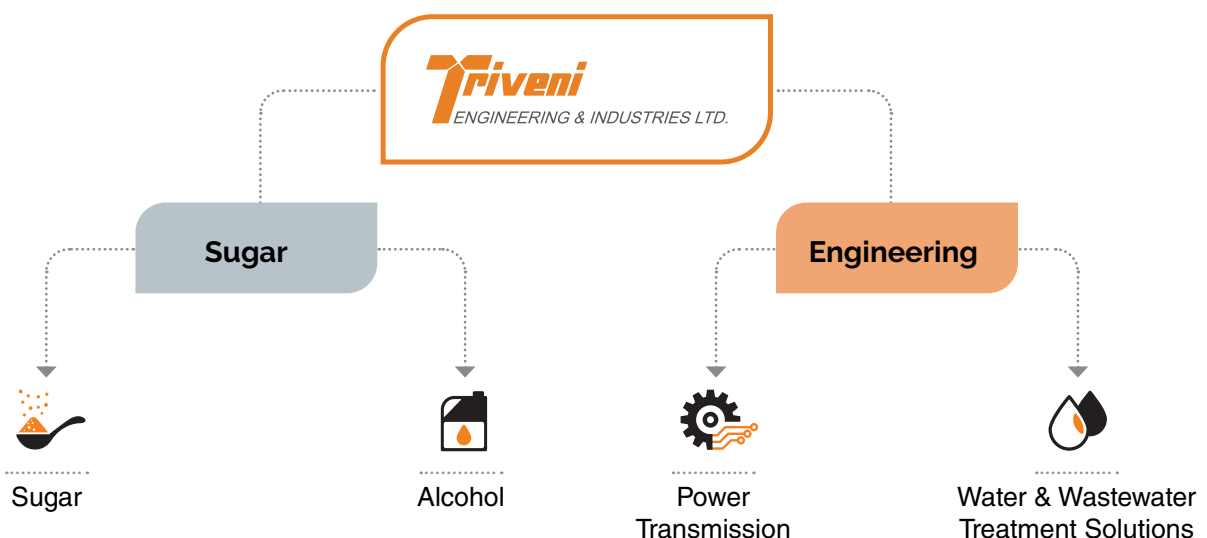


18+

World-class facilities

What we do

Our leadership spans the key segments of Sugar and Engineering, with an expanding presence across some of the fastest-growing markets within and outside India.

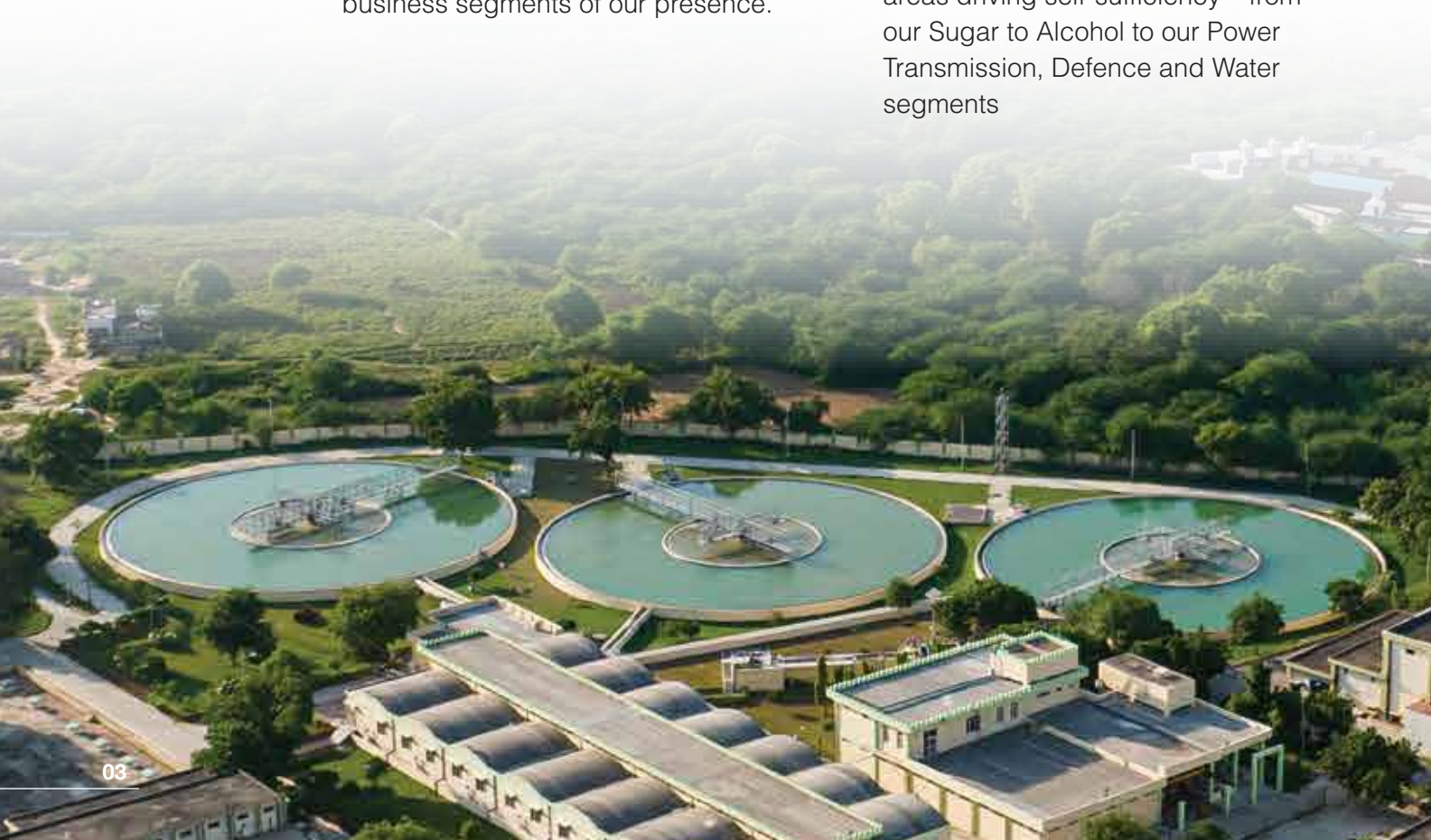


India is in the midst of a **TRANSFORMATIONAL** **JOURNEY**

to chart its course towards greater self-reliance. It is powering an all-encompassing evolution, across its economic and industry landscape, to emerge strong, independent and self-sufficient.

Inspired by India's journey of self-reliance, we, at Triveni Engineering, have also prepared a roadmap to drive self-sufficiency across the sectors and business segments of our presence.

- > We have positioned ourselves as partners in the nation's efforts to become a self-sustaining economic power on the global map
- > We have aligned our strategic priorities and long-term goals toward the creation of a self-reliant India for future generations
- > We have scaled our focus on the key areas driving self-sufficiency – from our Sugar to Alcohol to our Power Transmission, Defence and Water segments



An entity designed to deliver... Self-sustenance with sustained growth



Amongst the largest

integrated sugar & ethanol manufacturers in India

Amongst the leading players

in engineering businesses, comprising Power Transmission and Water & Wastewater treatment solutions

Dominant market player

in the engineered-to-order turbo gearbox manufacturer in India

Preferred partner

to domestic and multinational Original Equipment Manufacturers (OEMs) for gears / gearboxes

Reliable supplier

to Indian Navy for Turbo Alternator Turbines (TAT) and turbopumps, for its indigenous submarine programme

18+

World-class facilities

7,300+

Employees*

3,00,000+

Farmer associates

1,200+

Water project installations across India

10,000+

Million Litres Per Day (MLD) of water treated

10,000+

Gearboxes under operation

*as on March 31, 2022 includes Permanent, Temporary, Trainee and Contractual employees

Sugar Businesses – A Snapshot



SUGAR

- > 7 FSSC 22000 certified sugar units in the sugar-rich UP belt
- > **PRODUCTS**
Multi-grade - Large, Medium and Small
White Crystal Sugar, Refined Sugar, Raw Sugar (for export, basis market dynamics),
Pharmaceutical-grade Sugar
- > Sugarcane development programme with over 3 lakh farmers

CO-GENERATION

- > Power from co-product bagasse
- > 3 of the 6 co-generation plants use highly efficient 87 ata/515 degree C steam cycle
- > 104.5 MW grid connected co-generation capacity
- > Meeting captive needs, and surplus sold to Uttar Pradesh Power Corporation Limited (UPPCL)



ALCOHOL

- > **PRODUCTS**
Fuel-Grade Ethanol
ENA (used to produce Potable Alcohol)
- > 4 state-of-the-art distilleries with 660 KLPD current capacity

- > **MUZAFFARNAGAR DISTILLERY – MZN**
200 KLPD molasses-based :
Molasses-based Fuel-grade Ethanol, Extra Neutral Alcohol (ENA), Indian Made Indian Liquor (IMIL)
60 KLPD Grain-based Distillery:
Ethanol, ENA, Distillers Dried Grain Solubles (DDGS)
- > **SABITGARH DISTILLERY – SBT (200 KLPD)**
Fuel-Grade Ethanol
- > **MILAK NARAYANPUR DISTILLERY – (200 KLPD)**
Multi feed, Fuel-Grade Ethanol
- > Strong Environment/Health/Sustainability compliances

Engineering Businesses – A Snapshot



POWER TRANSMISSION

- > 3 business segments – Gears, Defence, Built to Print
- > Among the largest engineered-to-order turbo gears manufacturers
- > State-of-the-art integrated manufacturing facility in Karnataka
- > Unmatched world-class delivery time, reputation for reliability & product excellence
- > Strong focus on value engineering, high quality manufacturing, R&D
- > Expertise in reverse engineering & replacement solutions
- > Our Defence Portfolio: Propulsion Gearboxes and other critical gearboxes, Critical Turbo and Motor-driven Pumps, Gas Turbine Generators for auxiliary power, Fin Stabilisers, Propulsion system integration, Propulsion Shafting
- > Registered with Director General of Quality Assurance



WATER & WASTEWATER TREATMENT SOLUTIONS

- > Leading solutions provider for efficient water management for industrial/municipal/urban applications
- > Full range of innovative water/wastewater treatment solutions across all major water usage segments
- > Customised, sustainable EPC solutions/services
- > Efficient total water management across the water cycle
- > Executed some of the largest projects in India

Our 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.

Our Mission

We are committed to providing premium quality products, innovative and sustainable solutions that create value for our customers. We continue to look at ways to make a positive environmental, societal and economic difference for the community at large. We build diverse teams and provide equal growth opportunities to all our employees.

Our Values



Open

We believe in open communication. We listen to our stakeholders and respond to their suggestions.



Pro-active

We understand customers' needs, offer new solutions customised to their requirements and aim to exceed their expectations.



Commitment

We are committed to our customers and live up to promises.



Innovation

We are always willing to improve our products and service through continuous research and development.



Being Responsive through Responsible Growth

Sustainable and responsible growth is a key tenet of our business strategy. It is the source of our ability to cater to the evolving requirements of our customers and to the urgent needs of the communities around which we work. It is also the powerhouse of our responsiveness to the long-term aspirations of our employees and all other stakeholders.

This focus on sustainable growth is also ingrained in our Corporate Social Responsibility (CSR) philosophy and empowers us to provide meaningful social and economic interventions in the vital areas of education, healthcare, hygiene etc. to the communities around our operations. We sharpened this focus further amid the COVID pandemic, to reach out more effectively to the most vulnerable sections of the society.

Powering growth through Innovation

Innovation is another major propeller of our business proposition and we remain steadfastly focussed on augmenting our research & development capabilities through skill and technology upgradation. Regular mapping and analysis of market trends helps us understand and cater to the customer's evolving needs better. We work closely with scientists & agri-research institutes on the latest agronomic developments in the Sugar business, while our association with leading technology providers in the Engineering business gives us a strong edge that helps us in achieving breakthrough solutions to cater to our customer requirements.

Drivers of our partnership approach



Our Strategic Priorities

To steer the realisation of our long-term goals, with focus on our partnership approach, we have identified certain strategic priorities to guide our journey.

Sugar Business

Focus on enhancing cane yields through cane development and farmer initiatives

Improving crushing and overall efficiency enhancements

Continue to enhance focus on refined and pharma sugar

Sugarcane varietal substitution

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Alcohol Business

Production of Ethanol & ENA through optimal route/
sacrifice of sugar depending
upon the product economics

Focus on capacity expansion
through greenfield and
brownfield

Flexibility in distillery operations
via multi-feedstock approach
including grain, molasses,
sugarcane juice/syrup



Power Transmission Business

Push for rapid growth in exports markets to aid overall business growth in the long run

Strengthen presence in Power Generation, Compressors, Pumps and Built to Print in Industrial and Oil & Gas segments, majorly from western markets

Secure foothold in multiple indigenous product categories in Defence segment through development of own technology and through technology collaborations

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Water Business

Targeting overseas expansion for new business opportunities

Equipped to invest in PPP/HAM concession projects and increase EPC opportunities

Provide operations and maintenance services for water & wastewater treatment plants as per the needs of the customers





Business Profile

SUGAR

An **EXCEPTIONAL**

STORY

We are one of India's largest sugar manufacturers, with 7 state-of-the-art, Food Safety System Certification FSSC 22000 certified sugar units.

Our integrated operations are designed to manufacture high-quality sugar, with the captive feedstock from the sugar units used to produce potable alcohol, fuel-ethanol & power.

In the sugar segment, our products include premium quality multi-grade (large, medium, small) crystal sugar, refined sugar and pharmaceutical grade sugar, for use across industries. We also produce raw sugar for exports, depending on the market dynamics.

Our manufacturing processes and products are certified for their exceptional quality, with our Refined Sugar benchmarked to International EEC II grades and Pharmaceutical Grade Sugar Quality being ICUMSA below 45, with no added sulfur.

Our leadership in the sugar industry is driven by:

- Product quality
- Seamless value chain
- Mutual trust and long-term relationships with 3,00,000+ farmers



OUR APPROACH TOWARDS AGRI SELF-RELIANCE

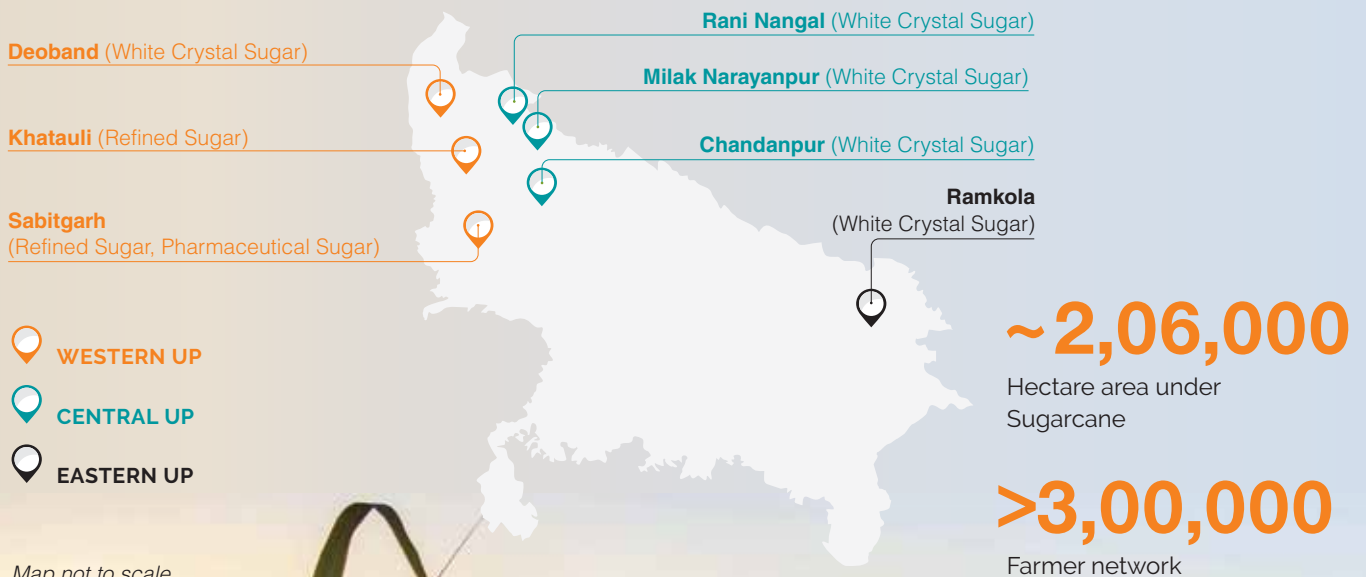
Strengthen our farmer relations to boost production, yield and enhance farmer's income, thus uplifting and empowering the country's rural population

Improve processes to produce high quality sugar and double capacity for pharma sugar to maximise the overall sugar realisation price

Expand Alcohol business to support the Government's ethanol blending programme to create a more sustainable future by lowering emissions and reducing import dependence

AUGMENTING OUR FARMER RELATIONS

At TEIL, we have an extensive cane development programme in place, facilitating the inclusive development and progress of our over 3 lakh farmer partners. We are working closely with the farmers in the command areas of our sugar manufacturing units, which are strategically located in:



MAKING SUGARCANE FARMING MORE SUSTAINABLE

To help boost sugarcane productivity – a win-win situation for the Company and the farmers - we are propagating new high sugared, high yielding varieties of sugarcane varieties to lower dependence on the most widely cultivated Co 0238, which has become susceptible to diseases at some of our units.

- We have identified some new varieties, such as Co 118 & Co 15023, amongst some other existing varieties e.g. Co 98014, Co J88 etc., for propagation at our units
- We have identified different sets of varieties to mitigate climatic and topographical challenges specific to different regions where our sugar units are located
- We have signed an agreement with Sugarcane Breeding Institute, Coimbatore, for varietal evaluation and selection trials



Triveni Brands FMCG Division



Triveni Brands currently constitutes Shagun Sugar, Triveni Sugar & the Private Label Sugar Business

90 years of experience:

With 90 years of experience in sugar production and 7 state-of-the-art manufacturing facilities that are FSSC 22000 certified, we ensure that only the best quality products are delivered to our customers.

Omni-channel strategy:

Our products will have a strong omni-channel strategy in place and we are committed to growing each business line/brand in a sustainable manner while keeping the customer at the center.

The mission of this business is to create sustainable, innovative and high-quality products that delight customers.

Shagun Sugar

Shagun Sugar has been a staple for consumers with its high quality for years. We have further enhanced the product quality with DRPIE Technology to set yet another benchmark and meet the International standards.



No Added Sulphur



Ultra Pure



Double Refined



No Acid



DRPIE Technology



European Union Standards



Quick Dissolve



Environment friendly

TRIVENI SUGAR

We've been a part of your home and celebrations through our multiple associations and a 90-year engineering legacy. Our vision to deliver purity have made us the backbone of India's Sweet Traditions, from your daily cup of tea to the kheer that completes your celebrations and the brownies that bring smiles to your kids! Our leadership in the sugar industry is driven by our product quality, as well as our seamless value chain, coupled with our close and long-term relationships with over 3,00,000 farmers.



WHAT MAKES US SPECIAL?



Sweetness that's better

Making sugar that's of a global standard.

BRC Global Standards deliver confidence across the entire supply chain by guaranteeing quality, safety and operational principles. By seeing the benchmark for excellent manufacturing practice, they provide assurance to customers that products are safe and of a high quality.

Our premium White Crystal sugar is manufactured at the Khatauli sugar plant which is BRCGS Food Certified.



Consistently delivering quality

Following international safety standards and quality checks.

Originally developed and published in 1998, the British Retail Consortium (BRC) Global Standards specify safety, quality and operational criteria for food producers and suppliers. Used worldwide, the standards are recognised by the GFSI (Global Food Safety Initiative), which aims to reduce the need for multiple supplier audits by harmonising international food safety standards.



For a Global India

Moving towards a healthier tomorrow.

The BRC Global Standard for Food Safety was the first standard to meet the Global Food Safety Initiative (GFSI) benchmark, which means it is accepted by many of the world's biggest retailers.

Achieving the certification ensures customers' confidence in products nationally & internationally.





Triveni Brands

WHITE CRYSTAL SUGAR

CONTRACT MANUFACTURING

We process and pack sugar for leading retail giants and modern trade organisations in India. We use the latest packaging processes that are fully automated which helps ensure the sugar is untouched by hand and adheres to the highest quality parameters. We use Double Refined Process Ion Exchange Technology at our sugar plant which is India's Largest Backend Sugar Refinery. The sugar produced at our refinery also passes European Union Standards. Our commitment to high quality and innovation is only rivalled by our attention to detail to keep customers happy!

Our Certifications

FOOD SAFETY
SYSTEM CERTIFICATION
22000



Some of our USPs



Groups that trust us deeply

Reliance Adani BigBasket Metro City Mall Big Bazaar Grofers Dealshare Spar

Why we are the best in the Contract Manufacturing

- > Availability of all grades of sugar (raw material)
- > Online stitching machine with conveyor belts
- > History of success
- > Customization facility
- > Check weigher & metal detectors at all Critical Control Points
- > Adaptive & fast

- > Most modern printing/labeling techniques - Thermal Transfer Printers (TTP)
- > Competitive costing
- > India's only BRC certified state of the art sugar manufacturing facility
- > Online secondary bag printing machines

- > Dedicated client servicing
- > Focus on customer delight & long term relationships
- > Attention to complex details by a focused team
- > Strict adherence to QC norms above & beyond requirements
- > Storage on pallets and usage of electric pallet trucks

As India's 2nd largest sugar producer, allow our economies of scale to grow your business!

Expanding our Alcohol business

In July 2021, the Indian Government announced its decision to advance the target of 20% as per the Ethanol Blended Petrol (EBP) Programme to 2025 (from the earlier 2030). The move has set the stage for the nation to reduce its fuel import bill by diverting sugar, utilising other feedstocks for the production of ethanol, providing stability of income to farmers and sugar mills.

20%

Government of India's ethanol blending target for petrol by 2025

OUR APPROACH TOWARDS ALCOHOL BUSINESS

PRODUCING

Fuel-Grade Ethanol & ENA (which is used to produce Potable Alcohol)

INDUSTRIES SERVED

- > Oil marketing companies
- > Alcohol-based chemicals
- > Liquor industry

TOTAL CURRENT CAPACITY – 660 KLPD

> Muzaffarnagar distillery - 200 KLPD

High-quality Fuel-grade Ethanol, Extra Neutral Alcohol (ENA), Indian Made Indian Liquor (IMIL) Molasses based distillery

60 KLPD

High-quality Fuel-grade Ethanol, Grain based distillery

> Sabitgarh distillery - 200 KLPD

High-quality Fuel-Grade Ethanol

> Milak Narayanpur distillery - 200 KLPD

Multi feed, High quality Fuel Grade Ethanol



RECENT DEVELOPMENTS

- > ₹460 crore investment planned to set up two new dual feedstock distilleries with an aggregate capacity of 450 KLPD raising total distillation capacity to 1110 KLPD

OUR VALUE-ADDED PRODUCT PROPOSITION

DISTILLERS DRIED GRAIN SOLUBLES (DDGS)

New distilleries at Milak Narayanpur & Muzaffarnagar will help us enhance our value proposition through their partial/full operations on grains.

- > The by-product of grain-based operations, DDGS, is a protein rich product derived from grains after converting starch in fermentation with yeast to produce Ethanol
- > It provides a good amount of protein, fibres and other nutrients, and is a food supplement for poultry, cattle feed, livestock, aquatic products, etc.
- > With no branded DDGS currently in the market, the potential for boosting our revenues and enabling profitability with high quality DDGS
- > DDGS selling price of ₹ 25-30/kg translating to ₹ 9-11/liter of alcohol leading to significant offset of raw material and conversion cost

FLY ASH

We convert the waste generated from the Incineration boilers into revenue generating fertiliser:

- > Potash-rich fly ash is used as a fertilizer for all types of crops in India. It was approved as a potassic fertilizer under the category Potash derived from molasses in Fertilizer Control order, India
- > The process of conversion of molasses to ethanol generates spent wash (an effluent) which upon concentration is called Slop, further used as fuel in the Incineration boilers which leads to fly ash generation which is rich in potash
- > The sale of the potash rich fly ash for fertilizer will boost the distillery's revenue and reduce the foreign exchange burden as Murate of Potash (MOP) is completely imported in India

ALCOHOLIC BEVERAGES

Our new grain-based distillery at our Muzaffarnagar Alcoholic Beverages (Alcobev) complex has a capacity of 60 KLPD. It can produce superior grade ENA with Broken/Damaged Rice as a feedstock. We have the option to produce ENA and Ethanol on the basis of product economics. The Grain ENA produced will be supplied to Indian Made Foreign Liquor (IMFL) manufacturers across UP. It may also be used for captive consumption.

- > Commenced bottling operations for a major IMFL brand
- > Approval in hand to process ENA up to 80 lakh litres for manufacture of IMIL



CO2

- > In the fermentation process of alcohol manufacturing, carbon dioxide is generated as a by-product. This carbon dioxide can be captured, purified, liquified and put into cylinders or converted into dry ice.
- > The Company has a carbon dioxide capturing unit at its Sabitgarh distillery on a BOO basis for which we are paid for the raw carbon dioxide to earn additional revenues. Exploring the possibilities of installing 2 more plants in units
- > This is an initiative towards Environment, reduction of emission of Green House Gases (GHG). New opportunities on carbon sequestration by capturing CO2 and storing / injecting underground for mineral value are also being explored





Business Profile

POWER TRANSMISSION

An **EXTRAORDINARY**
STRATEGY

**Dominant
Player**

In High-speed gears segment

Majority

Market share in High-Speed gears
in South & Southeast Asia

>50 GW

Globally installed gears capacity

10,000+

Gearboxes under operation

1,000+

Replacements of >80 global brands



Our Power Transmission business (formerly known as Gears business) is focussed on delivering innovative, value-engineered, and reliable products and solutions in the areas of Gears, Defence and Built-to-Print. We are the largest manufacturers of high speed gears and gearboxes and a leading Turbo gears company, with a growing market share, especially in the South and SE Asian markets.

Led by sustainable business practices, we have emerged as the market leaders in high-speed industrial gears and gearboxes. We are the preferred partner to domestic and multinational Original Equipment Manufacturers (OEMs) in this business.

Our offerings in this segment encompass quality OEM supplies, replacement solutions, diagnostic studies and aftersales service. We deploy both Triveni Technology and License Technology (for select new high-power high-speed products) to deliver worldclass solutions to our customers.

Power Transmission Portfolio

- > High power & high speed gears designed for gas turbines, compressors, pumps, blowers and other special purpose industry applications
- > Niche low speed gearboxes for mini hydel turbines, steel mills, sugar mills, rubber mixers and extruders, cement mills, thermal plants, plastics etc.
- > Marine offerings
- > Replacement solutions
- > Quality OEM supplies, replacement solutions, diagnostic studies and aftersales service

Industries Served

- > Power Generation (IPPs)
- > Refinery
- > Sugar
- > Fertiliser
- > Cement
- > Petrochemical & Refinery
- > Steel
- > Rubber & Plastics
- > Marine

TEIL Edge

- > Precision-led products and services for repair of gears / gearboxes to customers across diverse industries
- > World-class technologies, backed by Industry 4.0 practices
- > Associations and tie-ups with some of the leading global design houses, academic institutions and manufacturers

PROPELLING OUR POWER TRANSMISSION JOURNEY

We leverage our expertise and experience to offer precision-led products and services for repair of gears and gearboxes to customers across diverse industries. We provide them with customised solutions, not just of gears/gearboxes of our own make but also of other makes, thus helping them achieve self-sufficiency backed by technological superiority.



Powering India's indigenous efforts... Through Defence products & solutions

The Indian Government's strong focus on indigenisation in the Defence sector has been clearly articulated in its 'Make in India' and 'Vocal for Local' policies. The self-reliance efforts in defence are all-encompassing, and cover all wings of the defence forces. For instance, indigenous developments, in the case of weapon and sensor systems in the Indian Navy, are being undertaken through ab initio design and development route.

OUR APPROACH TOWARDS DEFENCE SELF-RELIANCE

- > State-of-the-art defence manufacturing facilities spread across Mysuru
- > World-class equipment to produce technologically superior products for Indian Defence and Aerospace sector

PRODUCT PORTFOLIO

- > Propulsion Gearboxes and other critical gearboxes
- > Critical Turbo and Motor-driven Pumps
- > Gas Turbine Generators for auxiliary power
- > Fin Stabilisers
- > Propulsion System
- > Integration Propulsion Shafting

Trusted indigenous supplier of critical equipment for Indian Navy for the last three decades

Leading engineered product and system solution provider for various critical applications covering propulsion shafting, stabilisers, gas turbine generators and turbo pumps for Indian Navy

Providers of precision and quality-led aftermarket services and repairs to defence customers

Agreement with GEAE:

- Signed a 10-year business agreement with GEAE Technology USA to locally manufacture the LM2500 gas turbine base and enclosure.
- Under the agreement, GEAE Technology USA has licensed Triveni to locally manufacture the LM2500 gas turbine's base frame, acoustic enclosure, and lubricating oil skid and supply other source-controlled accessories that go into the LM2500 gas turbine enclosure assembly
- The LM2500 is the chosen propulsion gas turbine by the Indian Navy for many of its surface combatant vessels. The LM2500 gas turbine, with power ranging from 25 MW to 35 MW, are best-in-class naval propulsion gas turbines and are in service with over 40 navy forces globally
- The agreement is another major step towards indigenisation of LM2500 gas turbine and accessories in line with the 'Make in India' policy of the Government of India. It will help bring the high-end technology indigenously to the Indian Defence as part of a long-term plan
- Strengthened our focus on providing critical technology and engineered solutions on multiple fronts to Indian Navy and Indian Defence industry

We are aiming to start a new multi-modal facility, dedicated to Defence products, at Mysuru. We are also looking at developing a pool of highly competent resources with required domain expertise for this proposed facility.





Business Profile

WATER

An EXTRAORDINARY OUTLOOK

Inspired to foray into this segment by our visionary perception of the future, we are today one of India's largest providers of efficient, sustainable and complete water/wastewater treatment solutions, across the water cycle. Our focus is on delivering customised and sustainable futuristic solutions, aimed at addressing the growing shortage of the water resource.

We offer innovative solutions designed to meet the specialised needs of industrial, municipal and specialised projects across sectors, including desalination project solutions and urban utility management for Water & Sewerage Network. Our end-to-end Turnkey / EPC offerings deliver optimal life cycle cost across all the sectors. In the municipal sector, we also offer projects on Build, Own, Operate, Transfer (BOOT) model for industrial/municipal sectors, and additionally on the Private Public Partnership (PPP) option.



Making India self-reliant in Water

The growing water scarcity is catalysing new opportunities in the areas of recycle, reuse and Zero Liquid discharge. Cognisant of the severity of the water crisis, the Government of India is funding schemes like AMRUT, JJM, Namami Gange programme, Swachh Bharat Mission, etc.

- > Since the Water sector is traditionally underfunded, more Private Public Partnership (PPP)/ Hybrid Annuity Model (HAM) opportunities are emerging from Water Boards and ULBs
- > The Delhi Jal Board is currently planning to structure projects on PPP/HAM formats.
- > Further, there has been a surge in competitive landscape in Namami Gange HAM bidders and more than a dozen firms have shown interest. Further, Exim Bank of India is providing significant funding in Asia and Africa, which will lead to increased opportunities
- > Opportunities are also becoming visible in South Asia, East Asia and Eastern Europe in Water & Wastewater management
- > With the new concept of District Metered Areas (DMAs) gaining popularity, it is expected that new business will flow over the next few years

OUR APPROACH TOWARDS WATER SELF-RELIANCE

Innovative solutions designed to meet the specialised needs of industrial, municipal and specialised projects across sectors, including desalination and utility management for water and sewerage network

- > End-to-end turnkey / EPC solutions to deliver optimal lifecycle cost across all the sectors
- > We also offer PPP projects on 'Build-Own-Operate-Transfer' (BOOT) and other models for Municipal and Industrial sectors

OUR STRENGTHS

- > Strong project management skills
- > In-house design and engineering capabilities
- > Hi-tech innovation
- > Expertise in pre-treatment
- > Tie-ups with world's leading tech providers

>1,200

Successfully operational installations across segments pan India

>10,000 MLD

Water & Wastewater treated

>2,000

Process equipment supplied & commissioned



We are the preferred partner for an increasing number of customers looking for optimised and reliable solutions.

Our Success Stories | Power Transmission Business

DRIVING growth with new customers



It started with a single qualification order with stringent and special quality plans from a prominent European OEM. The plans required approval of sourcing, as well as sub-vendor approval process, to ensure global quality of raw material. This involved residual stress measurements, deflaking, UT and chemical composition, as per European standards and manufacturing processes.

- 1 We successfully despatched the gearbox for installation at a European location for the client.
- 2 The successful implementation of the project paved the way for more orders for steam turbine generators from the company. The same are currently under execution.
- 3 Once these orders are commissioned, these will work as references, and the acceptability of the Triveni Power Transmission Business (PTB) brand will be a growth driver for other OEMs and segments.

Empowering PTB to increase its OEM base and boost its acceptability in the European market as a quality supplier for gearboxes and gears.

LEVERAGING engineering capability in Oil & Gas sector

In one-of-its-kind service offering in the Indian Navy engineering space, we leveraged our domain expertise and agile engineering methodology to carry out repair and refurbishment of casing through in situ boring.

- 1 It involved carrying out design and development of special machining, fixtures and mandrels.
- 2 This was in addition to replacement of gear parts in a span of three weeks, followed by load trial run for a 35 MW load cum accessory gas turbine load gearbox supplied by a Japanese OEM as mandated by the customer.

Saving of substantial downtime losses for the customer.

UTILISING domain expertise to aid offshore oil & gas customer

During the year, we effectively utilised our engineering experience and expertise to help an offshore oil and gas customer to save time and money.

- 1 We harnessed our domain knowledge on application and layout to change the direction of rotation of a spiral bevel gearbox, driven by a diesel engine for fire water pump application.
- 2 What made this feat even more significant was that we managed it while keeping the same foundation footprint and synergising with the site layout constraints.

Our Success Stories | Water Business



Mathura Wastewater Management Private Limited (MWMPPL)

A 100% subsidiary of Triveni



KEY HIGHLIGHTS

- > Integrated Sewerage Management project for Mathura city in Uttar Pradesh under a one-city-one-operator framework in PPP/HAM mode
- > Part of the Namami Gange programme of the Ministry of Jal Shakti, the Government of India



ACTIVITIES

- > To make the Yamuna river flowing through Mathura city pollution-free, Sewage from the designed areas has been intercepted from the drains and diverted through pumping to various Sewage Treatment Plants (STPs) before letting into the river
- > Recycling of treated sewage is being done with membrane-based (Ultrafiltration followed by Reverse Osmosis – UF/RO) advanced treatment process to a crude oil refinery of IOCL (Indian Oil Corporation Limited) near Mathura city for their process water needs



BENEFITS

- > Provide assured quality and quantity of treated water consistently to the Mathura refinery
- > Relieve pressure on fresh water sources so as to better address other critical needs like municipal water supply and agriculture

Our Success Stories | Water Business



Pali ZLD Private Limited (PZPL)

A 100% subsidiary of Triveni



KEY HIGHLIGHTS

- > 12,000 M3 per day (12 MLD) capacity textile wastewater treatment plant for effluent generated by over 500 industrial units, an industrial cluster of Pali district in Rajasthan
- > Project awarded by the industry association through their CETP Foundation, a Special Purpose Vehicle (SPV) created for the purpose
- > Being executed under PPP/HAM mode, with part capital funding as Capital grant being provided by the CETP Foundation and also by Rajasthan Government through their designed agencies/departments
- > PZPL to carry out O&M for 15 years after plant completion



ACTIVITIES

- > The project includes upgradation of existing Common Effluent Treatment Plant (CETP) in a major way
- > This will be followed by state-of-the-art advanced Tertiary-level Treatment Plant (TTP) to make the treated water fit for use by the same industries, thus making the plant truly a Zero Liquid Discharge (ZLD) system
- > Sludge generated from the plant will be minimised by extensive dewatering, drying, heating & incineration processes within the plant facilities and post treatment, the sludge will be disposed of in secured landfill site



BENEFITS

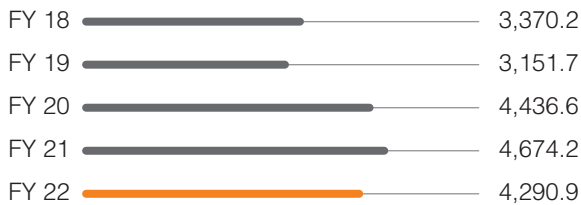
- > Pali industries are sourcing water for their process needs from distant groundwater sources through water tankers and the proposed plant will ensure metered water supply consistently through elaborate piping network in the entire industrial complex
- > Pali is water-stressed region and proposed plant will ensure reduced groundwater extraction for overall ecological benefits
- > Recycled water will be of much better quality compared to available groundwater in terms of TDS/hardness and thus overall lower O&M cost within industries

Our 5-Year Journey Towards Self-Reliance

REVENUE FROM OPERATIONS

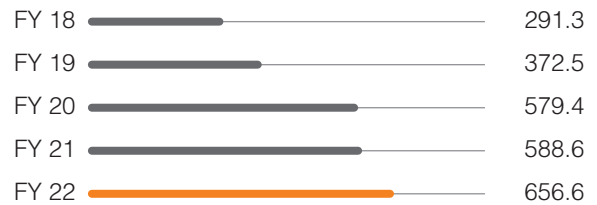
(Net of Excise Duty)

(₹ in Crore)



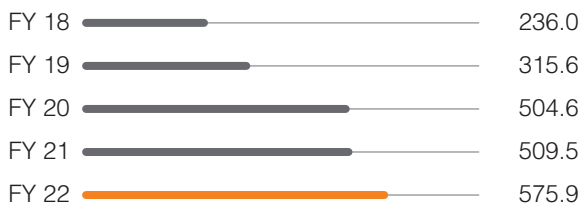
EBITDA (before share of net profit of associates)

(₹ in Crore)



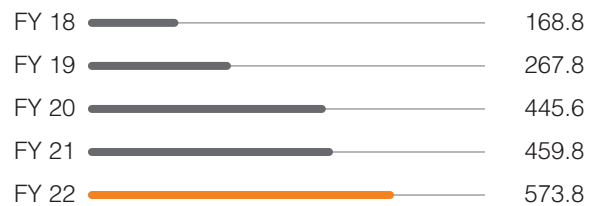
EBIT (before exceptional items and share of net profit of associates)

(₹ in Crore)



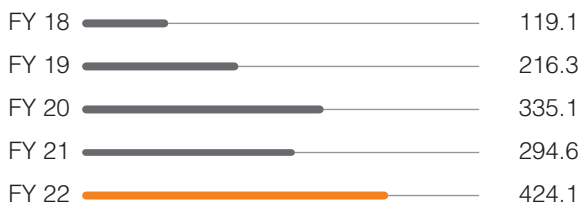
PBT (after exceptional items and share of net profit of associates)

(₹ in Crore)



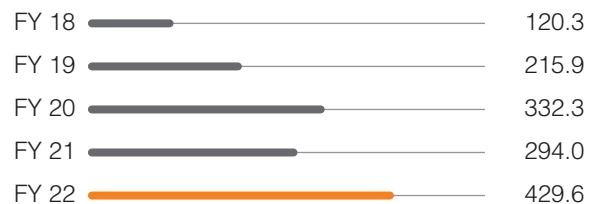
PAT

(₹ in Crore)



TCI

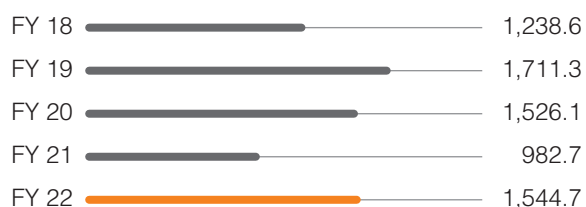
(₹ in Crore)



* on a consolidated basis, unless specified otherwise

TOTAL DEBT (Net of Cash & Cash Equivalent)

(₹ in Crore)



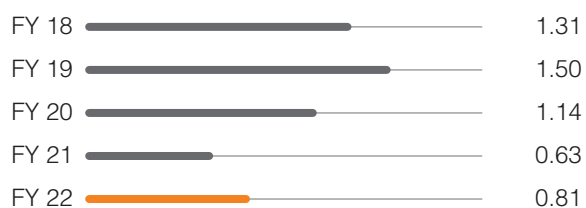
SHAREHOLDERS' EQUITY

(₹ in Crore)



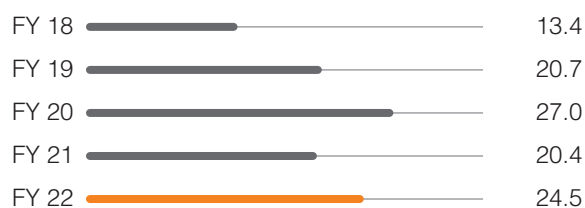
TOTAL DEBT/EQUITY

(x times)



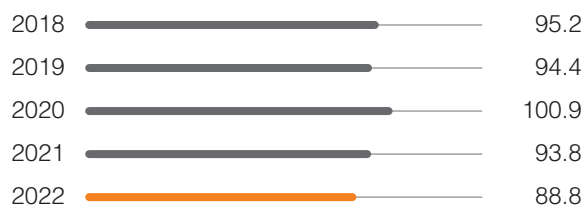
ROE

(%)



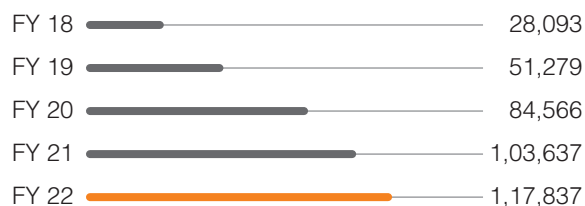
SUGAR PRODUCTION (Sugar Season)

(in lakh quintals)



ALCOHOL SALES

(in kilo litres)



* on a consolidated basis, unless specified otherwise





COMPANY ADDRESSES

REGISTERED OFFICE

Plot No. 44, Block-A,
Phase II Extension,
Hosiery Complex,
Noida-201 305,
District Gautam Budh Nagar,
U.P.
STD Code: 0120
Phone: 4748000
Fax: 4243049
CIN- L15421UP1932PLC022174

CORPORATE OFFICE

'Express Trade Towers',
8th Floor
15-16, Sector-16A
Noida 201 301(U.P.)
STD Code: 0120
Phone: 4308000
Fax: 4311010-11

KHATAULI SUGAR UNIT

Khatauli, District-
Muzaffarnagar,
Uttar Pradesh-251 201
STD Code: 01396
Phone: 01396-2722561-62

DEOBAND SUGAR UNIT

Deoband, District-Saharanpur
Uttar Pradesh-247 554
STD Code: 01336
Phone: 222185, 222866
Fax: 222220

RAMKOLA SUGAR UNIT

Ramkola, District-Kushinagar
Uttar Pradesh-274 305
STD Code: 05567
Phone: 9936300473
Fax: 2562483

SABITGARH SUGAR UNIT

P.O. Karora, Tehsil Khurja
District-Bulandshahr,
Uttar Pradesh-203 129
STD Code: 05733
Phone: 9557794246
Fax: 228894/95

RANI NANGAL SUGAR UNIT

Rani Nangal, Tehsil
Thakurdwara
District- Moradabad
Uttar Pradesh-244 401
STD Code: 0591
Phone: 09690003373

MILAK NARAYANPUR SUGAR UNIT

Milak Narayanpur, P.O. Dadiyal
District-Rampur
Uttar Pradesh-244 925
STD Code: 0595
Phone: 9758400190-191
Fax: 2565002

CHANDANPUR SUGAR UNIT

P.O. Chapna, Tehsil-Hasanpur,
District-Amroha
Uttar Pradesh-244 255
STD Code: 05924
Phone: 2467002/03,
7830220828
Fax: 267001

CO-GENERATION KHATAULI

Khatauli, District-
Muzaffarnagar,
Uttar Pradesh-251 201
STD Code: 01396
Phone: 9897133335,
9897544464

CO-GENERATION DEOBAND

Deoband, District-Saharanpur
Uttar Pradesh-247 554
STD Code: 01336
Phone: 222185, 222866
Fax: 222220

ALCO-CHEMICAL UNIT - MUZAFFARNAGAR

Village Bhikki Bilaspur,
Jolly Road,
District - Muzaffarnagar,
Uttar Pradesh-251 001
STD Code: 0131
Phone: 7895900631-36
Fax: 2600569

DISTILLERY UNIT - SABITGARH

P.O. Karora, Tehsil Khurja
District-Bulandshahr,
Uttar Pradesh-203 129

DISTILLERY UNIT - MILAK NARAYANPUR

Milak Narayanpur, P.O. Dadiyal
District-Rampur
Uttar Pradesh-244 925
STD Code: 0595
Phone: 9758400190-191
Fax: 2565002

TRIVENI BRANDS

World Trade Tower,
4th Floor, Plot No. 1,
Sector - 16,
Noida 201 301 (U.P.)
Phone: 1800 203 2033

POWER TRANSMISSION BUSINESS

1,2,3 Belagola Industrial Area,
Metagalli Post, K.R.S. Road,
Mysore-570 016
STD Code: 0821
Phone: 4286501, 4286502
Fax: 4286531

WATER BUSINESS

Plot No. 44, Block-A,
Phase II Extension,
Hosiery Complex,
Noida-201 305,
District Gautam Budh Nagar,
U.P.
STD Code: 0120
Phone: 4748000
Fax: 4243049

Triveni Group website

www.trivenigroup.com





CIN-L15421UP1932PLC022174

8th Floor, Express Trade Towers, Plot No. 15 & 16,
Sector 16-A, Noida-201 301, Uttar Pradesh

www.trivenigroup.com

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