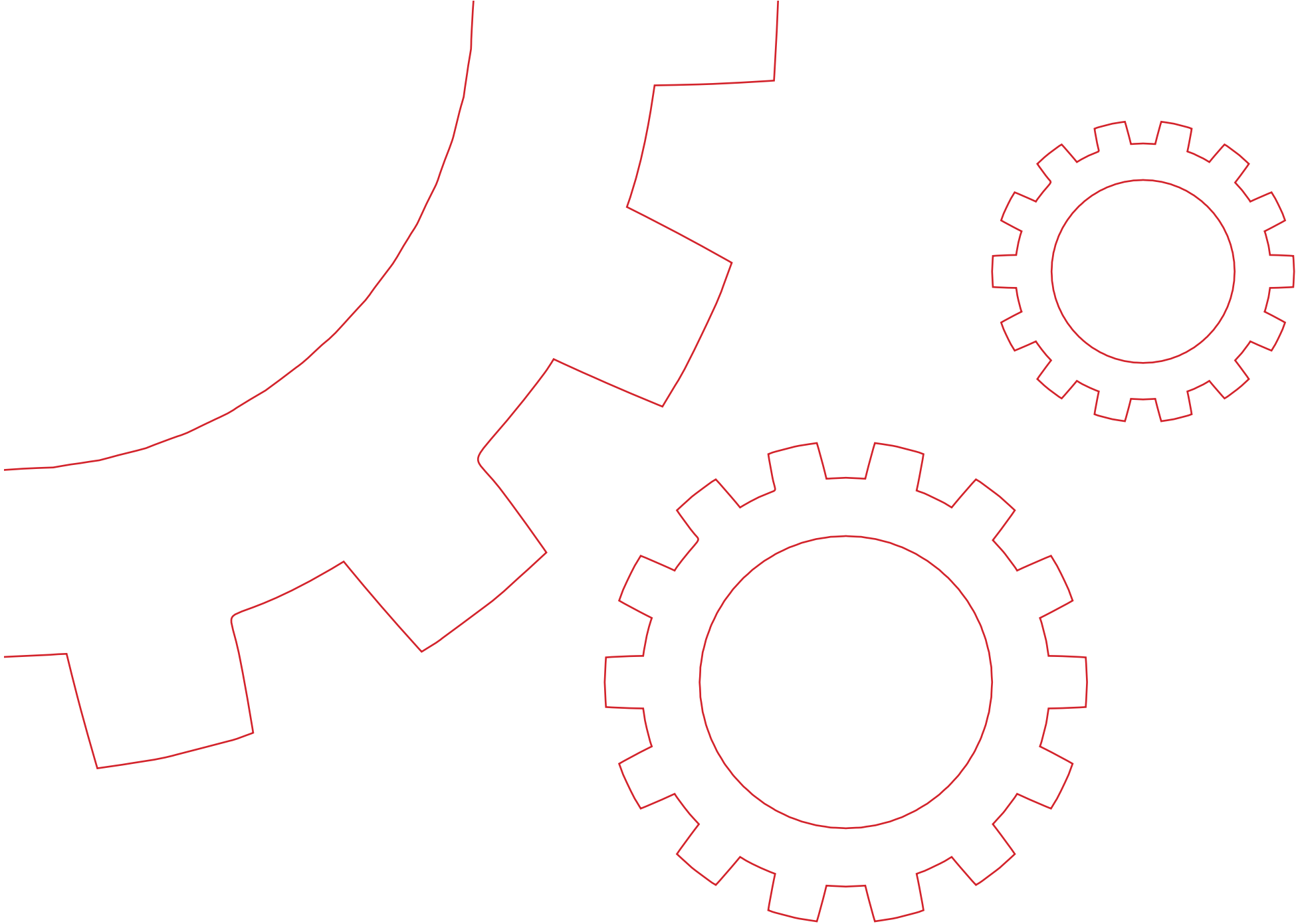




We "Mech O Tech" Manufacturer of an extensive array of Solvent Extraction Plants, Herbal Extraction Plants, Oleo Resin Extraction Plants, Floral Concrete & Absolute Extraction Plants, Natural Colour Extraction Plants, Proteins Extraction Plant, Phytochemicals Extraction Plants, Gums & Resin Extraction Plant, Shilajit Extraction Plant, Alkaloids Extraction Plants, Nicotine Sulphate Extraction Plant.



About Us

Welcome to Mech O Tech LLP, your trusted partner in the world of Herbal Extraction, Aromatic Oil Distillation, Natural Colour Extraction, Oleo Resin Extraction and Floral Extraction Plants as a Turn-key Projects. With over two decades of experience in the extraction and distillation industry, Mech O Tech is your go-to source for cutting-edge equipment, machinery, and expert services.

We specialize in crafting a wide array of Extraction and Distillation solutions to industry needs. Our comprehensive product line includes Batch type, Rotary type, Continuous type, Ultra Sonicated Extraction plants and CO₂-based extraction equipment (SCFE). We are committed to providing tailored designs and various capacities, ranging from lab scale 5 kg to commercial scale 20 tpd.



EXTRACTION PLANTS





SOLVENT EXTRACTION PLANTS

Unlock the essence of nature with Mechotech's cutting-edge technology, expertly extracting **pure and potent Extracts**. Our meticulous process captures the true essence of botanicals, delivering unparalleled quality and aromatic richness.



HERBAL EXTRACTION PLANTS

- ❁ BATCH TYPE EXTRACTORS
- ❁ ROTARY TYPE EXTRACTORS
- ❁ CONTINUOUS TYPE EXTRACTORS
- ❁ CO₂-BASED EXTRACTORS
- ❁ ULTRASONIC EXTRACTORS



We facilitate the extraction of various Herbal components such as **Phytochemicals, Nutraceuticals, Gums, Resins, Alkaloids** and many more.



MECHOTECH
TRANSFORMING VISION INTO REALITY

OLEO RESIN EXTRACTION PLANTS

Our specialized plants extract high-quality oleo resins from a wide range of spices including **CINNAMON, CUMIN, CORIANDER, FENUGREEK, NUTMEG, GINGER, GARLIC, CARDAMOM, BLACK PEPPER, CURCUMIN, CLOVES, RED CHILI**, and many others.

These plants are customized to deliver premium extracts, ensuring top-notch quality for all spice varieties.



FLORAL CONCRETE & ABSOLUTE EXTRACTION PLANTS

Discover the essence of flowers with our cutting-edge extraction plants. We specialize in extracting floral concrete and absolutes from a variety of flowers including **KEWDA, CHAMPA, JASMINE SAMBAC, JASMINE GRANDIFLORUM, ROSE, TUBEROSE, FRANGIPANI, MIMOSA, PINK LOTUS**, and more.

Experience the essence of flowers with our **state-of-the-art floral extraction plants**.



NATURAL COLOUR EXTRACTION PLANTS

We specialize in natural color extraction plants tailored for a variety of sources including **ANNATTO SEED, MARIGOLD, CARROT, BEETROOT, TURMERIC, MADDER, HIBISCUS**, and more.

Our state-of-the-art machines are meticulously designed to extract vibrant and pure natural colors for various applications. Whether you need rich hues for food, cosmetics, or other products, our extraction plants ensure consistent quality and potency from nature's palette.





PROTEIN EXTRACTION PLANT

The extraction of proteins from plant cells commonly employs techniques utilizing either aqueous or organic solvents. These methods are crucial for isolating proteins from diverse sources such as **PEAS, SOYBEANS, FABA BEANS, LENTILS, AND CHICKPEAS.**



They employed techniques including alkali and aqueous extraction methods to extract proteins efficiently.

These methods are crucial for obtaining high-quality protein extracts from plant sources, which can be used for various applications including food, pharmaceuticals, and cosmetics.

By utilizing these extraction techniques, researchers aim to harness the nutritional and functional properties of plant proteins, contributing to the development of sustainable and healthy products.



PHYTOCHEMICALS EXTRACTION PLANTS



We specialize in operating phytochemical extraction plants, which extract bioactive compounds produced by plants for their defense and protection.

Our extraction process ensures the preservation of these valuable bioactive compounds, which possess various health benefits and medicinal properties.

By harnessing the power of nature, we deliver high-quality phytochemical extracts that can be utilized in various industries including pharmaceuticals, nutraceuticals, and cosmetics.

GUMS & RESINS EXTRACTION PLANT

A gums and resin extraction plant is a facility designed for the extraction of natural gums and resins from various plant sources. Gums and resins are exudates produced by certain plants, often as a response to injury or environmental stress, and they serve various purposes such as protection, wound healing, and sealing.

The extraction plant employs modern technology and processes to efficiently harness these valuable natural resources while ensuring sustainability and environmental responsibility.



SHILAJIT EXTRACTION PLANT

A shilajit extraction plant is a specialized facility designed to extract, process, and produce premium-quality shilajit extracts. These plants are equipped with advanced infrastructure and specialized equipment tailored for the extraction process.

The extraction process ensures the preservation of shilajit's potent bioactive compounds, offering high-quality extracts.

With state-of-the-art technology and rigorous quality control measures, these plants ensure the consistency and purity of the extracted shilajit. The facilities adhere to stringent standards to meet the demands of the market and uphold the integrity of shilajit-based products.



ALKALOIDS EXTRACTION PLANTS

Alkaloids, extracted from various plants, find extensive applications in pharmaceuticals, medicine, agriculture, and research. These compounds possess diverse pharmacological properties, but many can be toxic if consumed without proper caution.

These facilities play a crucial role in extracting alkaloids efficiently while prioritizing safety and compliance. Their work supports the development of medications, agricultural products, and scientific advancements, contributing to various industries' progress and innovation.



NICOTINE SULPHATE EXTRACTION PLANT

A nicotine sulfate extraction plant plays a crucial role in the production of nicotine for various industrial and commercial applications, ensuring that the extracted nicotine meets quality standards and regulatory requirements. Additionally, environmental considerations are important in the operation of such facilities to minimize waste and pollution.

Our Nicotine Sulphate Solvent Extraction Plant is strategically located to ensure easy access to raw materials and efficient distribution. The facility is equipped with advanced machinery, automated processes, and a dedicated team of experts to ensure precision and consistency in the production of nicotine sulphate.



DISTILLATION PLANTS





MECHOTECH
TRANSFORMING VISION INTO REALITY

AROMATIC OIL DISTILLATION PLANTS

Field Level Distillation, Steam, Hydro, Pressure, Vacuum and Combined with Cohibation System.

- Leaves & Grasses: Lemon Grass, Palmarosa, Citronella, Geranium, Davana, Patchouli, Eucalyptus Citrodera, Basil, Mint, Turmeric leaves, Beetal Leaves, Rosemary etc.,
- Roots: Vetiver, Ginger, Turmeric rhizomes, Nagarmotha etc.,
- Bark, Stem and Wood: Sandal wood, Agar Wood etc.,
- Spices: Black pepper, Cinnamon barks, Cinnamon Leaves, Clove Buds, Nutmeg, Cardamom, Curry Leaves, Garlic etc.,
- Flowers: Rose, Jasmine, Kewada, Tuberose etc.,
- Gums & Resins: Frankincense, Myrrh

We offer distillation solutions for a wide range of aromatic materials, ensuring the highest quality essential oils.



SPICE OIL DISTILLATION PLANTS



Spice up your senses with Mechotech's expertise in extracting premium spice oils. Our advanced technology ensures the preservation of **Robust Flavors**, providing a culinary experience that embodies the **essence of each spice**.

*We are a leading Manufacturer of **BLACK PEPPER SPICE OIL DISTILLATION PLANT, GINGER SPICE OIL DISTILLATION PLANT, CINNAMON SPICE OIL DISTILLATION PLANT, NUTMEG OIL STEAM DISTILLATION PLANT, TURMERIC LEAF OIL DISTILLATION PLANT AND TURMERIC OIL STEAM DISTILLATION UNITS** from Hyderabad, India.*



FLORAL DISTILLATION PLANTS

Our floral distillation plants offer various capacities, from 100 kg to 1000 kg, catering to diverse needs. Each plant is meticulously tailored to match the specific requirements of our clients. We specialize in customization, ensuring precise alignment with our clients' unique specifications. For higher capacities beyond 1000 kg, we provide bespoke solutions to meet even the most demanding needs.

Our goal is to deliver efficient and effective extraction solutions for floral essences of exceptional quality.





FRANKINCENSE DISTILLATION

Frankincense distillation is a method to extract essential oil from the resin of frankincense trees, such as **BOSWELLIA SACRA, BOSWELLIA CARTERI, AND BOSWELLIA FREREANA.**

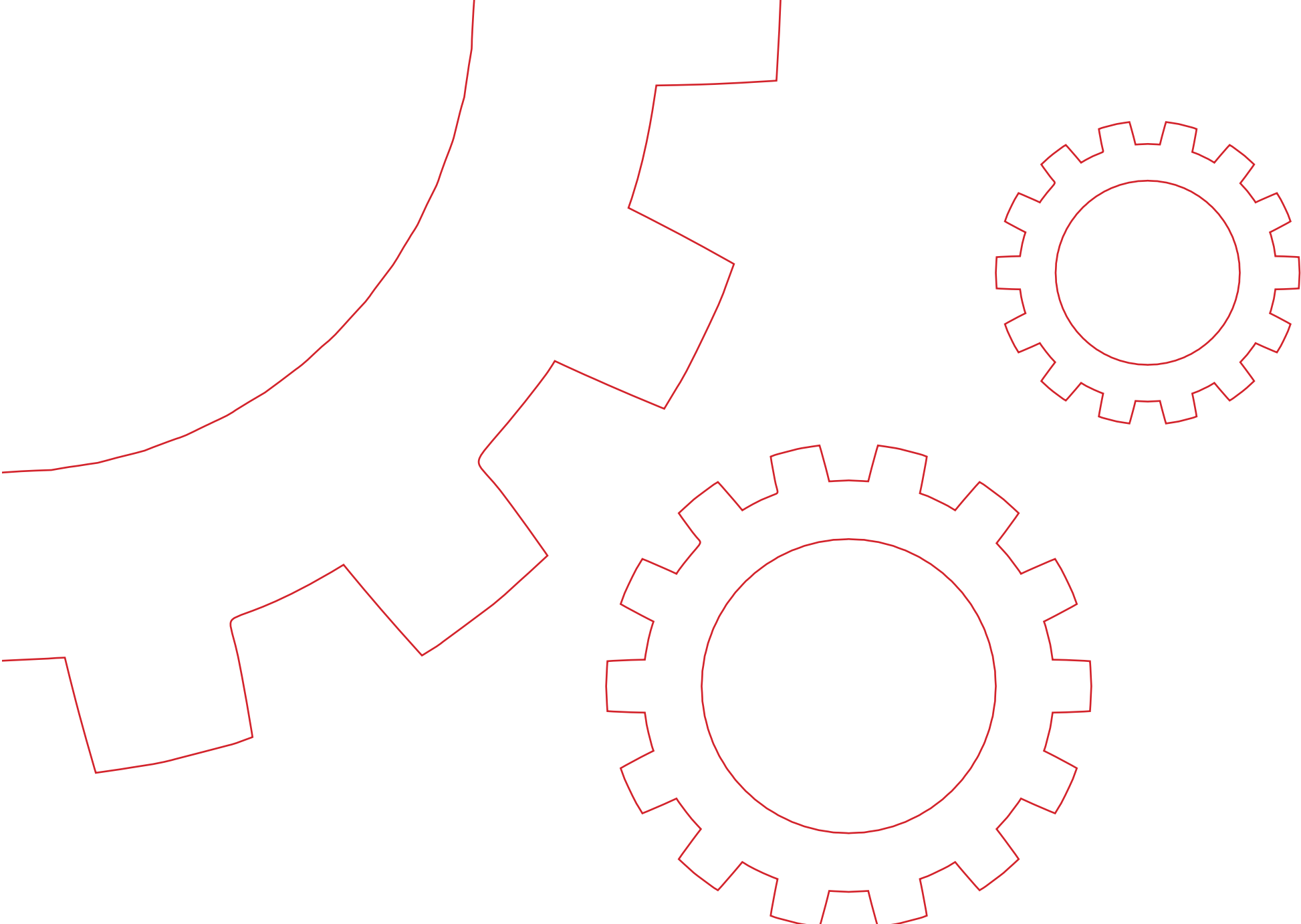
This resin, also known as olibanum, is acquired by making cuts in the tree bark, causing the resin to ooze out and solidify into teardrop-shaped droplets. Through the distillation process, these resin droplets are transformed into potent essential oil, prized for its aromatic and therapeutic properties.

MYRRH DISTILLATION

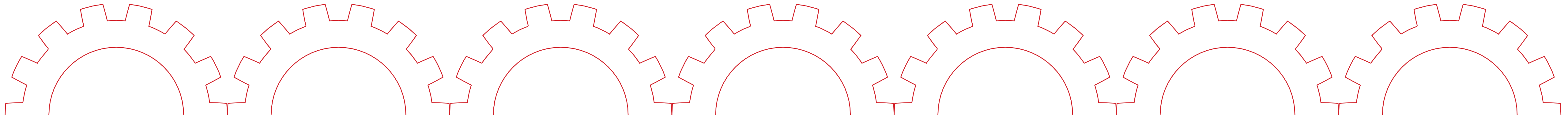
A Myrrh distillation plant processes myrrh resin through distillation to extract essential oils and other components. These facilities are equipped with distillation units, condensers, separators, and storage facilities. The process involves heating the myrrh resin to release volatile compounds. These compounds are then condensed back into a liquid form for collection.

Myrrh distillation plants are crucial for producing high-quality Myrrh extracts used in various applications.





INDUSTRIAL DRYERS



Stainless Steel Spray Drying Plant

Our stainless steel spray drying plant offers versatility and efficiency, making it ideal for various industries including pharmaceuticals, chemicals, and food. Its robust construction ensures durability and reliability, while its advanced design allows for precise control and consistent performance.

This plant is indispensable for achieving high-quality powdered products through the spray drying process.



Pilot Scale Spray Dryer

Our pilot scale spray dryers, offered by Mechotech, are crafted for research and development purposes as well as small volume production.

Designed meticulously to cater to R&D and product development needs, they are ideal for efficiently converting liquid substances into dried powders.

Mechotech's range ensures precision and reliability in small-scale production processes, providing an effective solution for various industries.



Rotary Vacuum Dryer

The Rotary Vacuum Dryer by Mechotech provides a straightforward and efficient solution for drying filtered or centrifuged wet cakes, wet powders, and slurries. Operating under vacuum conditions, this dryer is particularly effective for drying heat-sensitive materials, achieving impressively low levels of Loss on Drying (LOD). Its design ensures a clean and simple process, making it ideal for a wide range of applications where precision drying is essential.

Trust Mechotech's Rotary Vacuum Dryer for reliable and high-performance drying of various materials, meeting stringent quality standards with ease.





Rotary Cone Vacuum Dryer

The rotary cone vacuum dryer is an innovative system designed to efficiently blend, dry, and refine raw materials, resulting in superior products. Its seamless operation ensures optimal processing, making it ideal for the creation of premium-grade food products and cosmetics. By utilizing vacuum technology, this dryer facilitates rapid drying while maintaining product integrity.

Its rotary motion enhances mixing and ensures uniform drying, leading to high-quality end products. Whether used in pharmaceuticals, food processing, or cosmetics industries, this dryer is essential for achieving precise and consistent results.





SS Tray Dryer

Our SS Tray Dryer provides efficient drying solutions, featuring a stainless steel construction for durability and optimal performance across various applications. With its uniform heat distribution design, it ensures thorough and swift drying processes. The stainless steel construction not only enhances longevity but also maintains hygiene standards, making it ideal for diverse drying needs. Its robust build ensures reliability, while the efficient heat distribution guarantees consistent drying results.

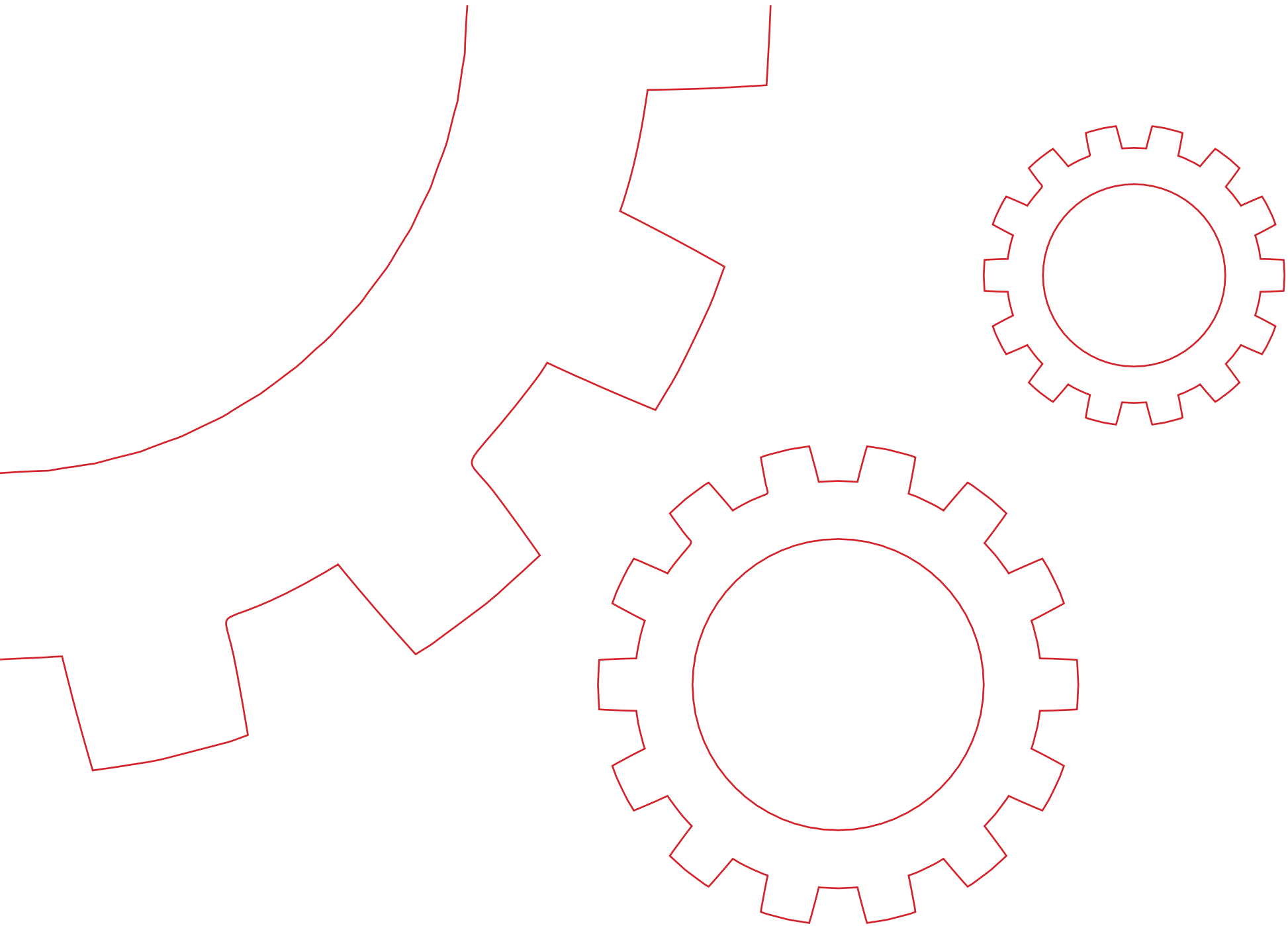
Whether for industrial or laboratory use, this tray dryer is a dependable choice for achieving precise and efficient drying outcomes.



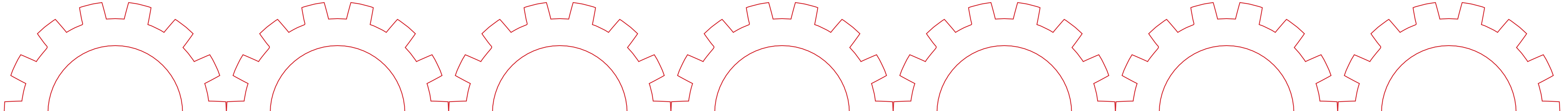
Vacuum Tray Dryer

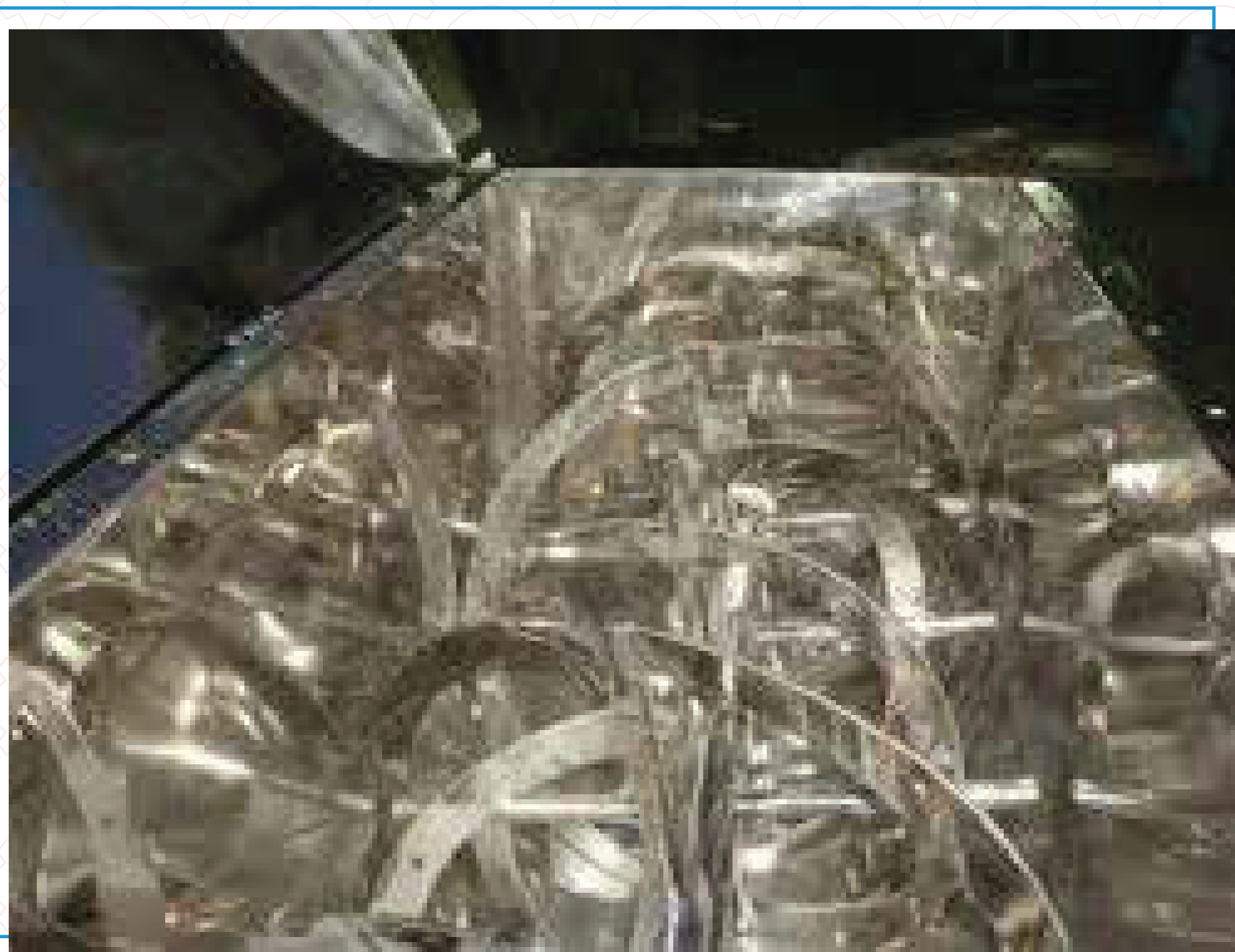
Vacuum Tray Dryers are commonly used in industries such as pharmaceuticals, chemicals, food processing, and electronics manufacturing, where the product's quality may be compromised by exposure to high temperatures or oxygen-rich environments.





OUR OTHER PRODUCTS





Ribbon Blender

The ribbon blender is a highly adaptable industrial mixer equipped with a ribbon-shaped agitator, ideal for effectively blending dry powders, granules, and other materials. Its design promotes homogeneous mixing across various applications, ensuring consistent quality and uniformity in the final product. With its versatility and efficiency, the ribbon blender stands as a reliable choice for a wide range of mixing needs in industrial settings.



Paddle Mixer Machine

Optimized for thorough mixing, our paddle mixer fluidizes products through a combination of geometric lifting, triple paddle mixing, and **a stirrer rotor turning 70-80% faster than competing mixers**, ensuring unparalleled efficiency.



Basket Centrifuge

Featuring a robust construction and advanced technology, this centrifuge is ideal for separating solids and liquids in various processes..

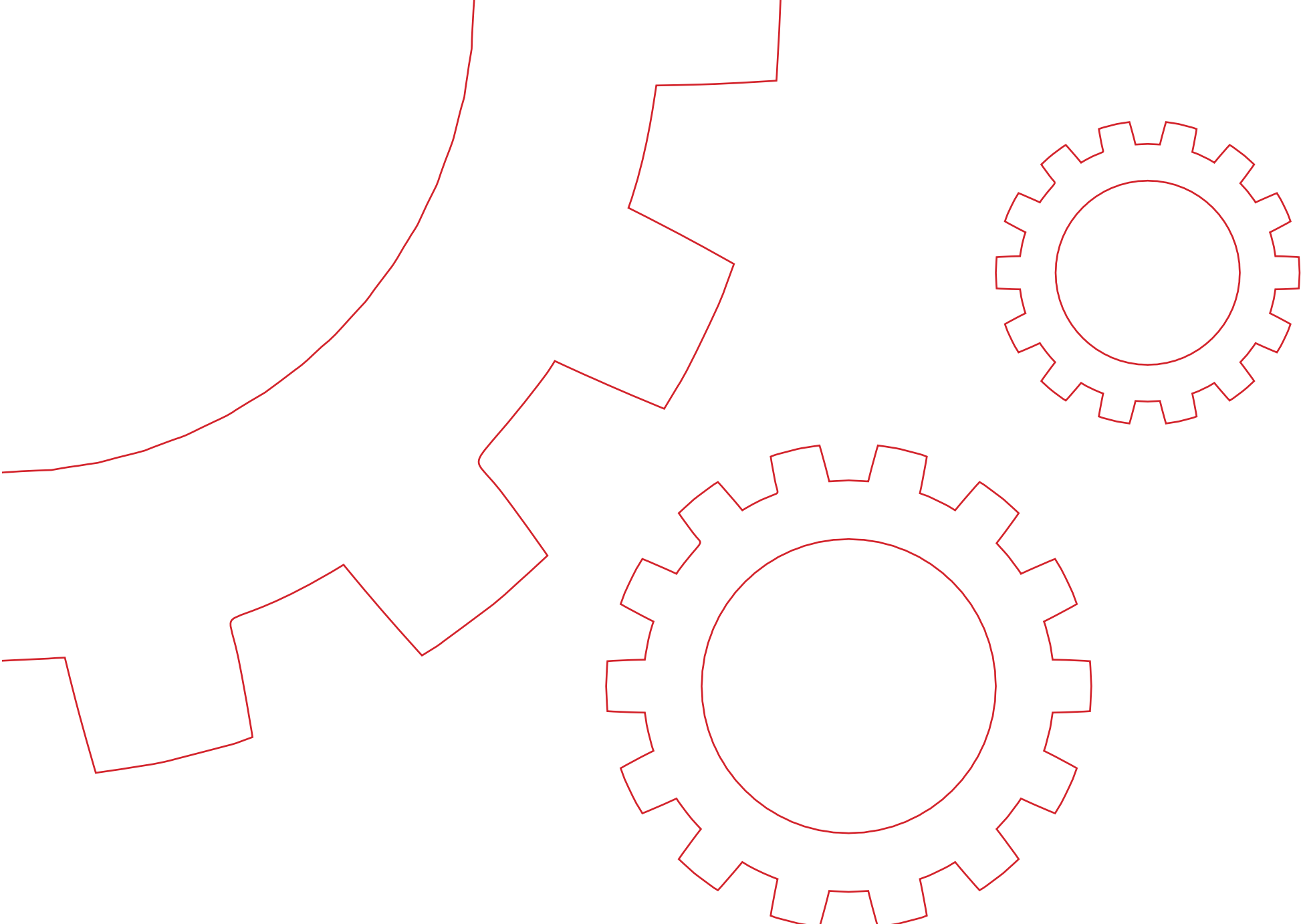
Mechotech's basket centrifuge offers reliable performance, versatility, and efficiency, making it a valuable asset for various industrial separation processes.



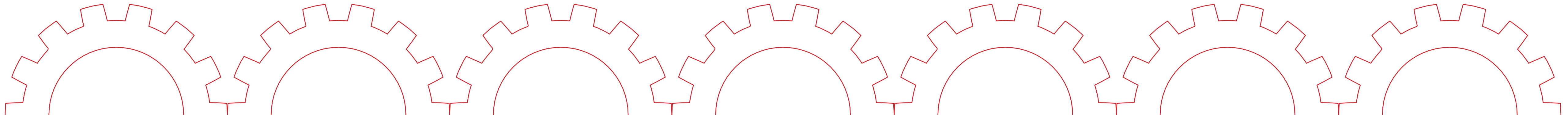
Octagonal Blender

The octagonal blender is a versatile blending machine designed for efficient mixing and lubrication processes of dry granules. Its octagonal shape ensures homogeneous blending, achieving consistent results.

Ideal for various industries, this blender ensures thorough mixing for optimal product quality.



Certificates





Government of India
Form GST REG-06
[See Rule 10(1)]

Registration Certificate

Registration Number : 36ABYFM4488P1ZW

1.	Legal Name	MECH O TECH LLP		
2.	Trade Name, if any	MECH O TECH LLP		
3.	Additional trade names, if any			
4.	Constitution of Business	Limited Liability Partnership		
5.	Address of Principal Place of Business	UPPAL, 4-1-77-404, Venkateswara Heights, SRINAGAR COLONY, Nacharam Police Station, E NACHARAM, Hyderabad, Medchal Malkajgiri, Telangana, 500076		
6.	Date of Liability			
7.	Period of Validity	From:	11/10/2023	To: Not Applicable
8.	Type of Registration	Regular		
9.	Particulars of Approving	Telangana		
Signature				
Name	Venkata Satyanarayanamurthy Dharanikota			
Designation	Deputy State Tax Officer			
Jurisdictional Office	NACHARAM N 1			
Date of issue of Certificate	11/10/2023			
Note: The registration certificate is required to be prominently displayed at all places of business in the State.				

This is a system generated digitally signed Registration Certificate issued based on the approval of application granted on 11/10/2023 by the jurisdictional authority.



भारत सरकार
Government of India
सूक्ष्म, लघु एवं मध्यम उद्यम मंत्रालय
Ministry of Micro, Small and Medium Enterprises



सूक्ष्म, लघु एवं मध्यम उद्यम
MINISTRY OF MICRO, SMALL & MEDIUM ENTERPRISES

UDYAM REGISTRATION CERTIFICATE

UDYAM REGISTRATION NUMBER

NAME OF ENTERPRISE

TYPE OF ENTERPRISE *

MAJOR ACTIVITY

SOCIAL CATEGORY OF ENTREPRENEUR

NAME OF UNIT(S)

UDYAM-TS-20-0068469

M/S MECH O TECH LLP

SNo.	Classification Year	Enterprise Type	Classification Date
1	2023-24	Micro	17/10/2023

MANUFACTURING

GENERAL

S.No.	Name of Unit(s)
1	M/S MECH O TECH LLP

Flat/Door/Block No.	4-1-77-404	Name of Premises/ Building	Venkateswara Height
Village/Town	SRINAGAR COLONY	Block	GROUND FLOOR
Road/Street/Lane	Nacharam Police Station	City	E NACHARAM
State	TELANGANA	District	MEDCHAL MALKAJGIRI Pin 500076
Mobile	7799268899	Email:	info.mechotech@gmail.com

OFFICIAL ADDRESS OF ENTERPRISE

DATE OF INCORPORATION / REGISTRATION OF ENTERPRISE

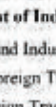
DATE OF COMMENCEMENT OF PRODUCTION/BUSINESS

NATIONAL INDUSTRY CLASSIFICATION CODE(S)

11/10/2023

11/10/2023

SNo.	NIC 2 Digit	NIC 4 Digit	NIC 5 Digit	Activity
1	32 - Other manufacturing	3290 - manufacturing n.e.c.	32909 - Manufacture of other articles n.e.c.	Manufacturing
2	28 - Manufacture of machinery and equipment n.e.c.	2821 - Manufacture of agricultural and forestry machinery	28219 - Manufacture of other agricultural and forestry machinery n.e.c.	Manufacturing



Government of India / भारत सरकार
Ministry of Commerce and Industry / वाणिज्य और उद्योग मंत्रालय
Directorate General of Foreign Trade / विदेश व्यापार महानिदेशक
Office of the Additional Director General of Foreign Trade, Hyderabad / अवर महानिदेशक, विदेश व्यापार का कार्यालय, हैदराबाद
Room No.302, 3rd Floor, CGO Towers, Kavadiaguda, HYDERABAD, TELANGANA, 500080 / कमरा नंबर 302, तीसरी मंजिल, सीजीओ टावर्स, कावडीगुडा, हैदराबाद, तेलंगणा, 500080

Importer-Exporter Code

This is to certify that **MECH O TECH LLP** is issued an Importer-Exporter Code (IEC) **ABYFM488P** with details as follows -

IEC	ABYFM488P
व्यापारिक सं./पैन / PAN	ABYFM488P
फर्म का नाम/Firm Name	MECH O TECH LLP
निगम की प्रकृति /Nature of Concern	Partnership
नगरी काल/ की तारीख/Date of Issue	18/10/2023
पता/Registered Address	UPPAL, 4-1-77-404, Venkateswara Heighis, SRINAGAR COLONY, Nacharam Police Station, E NACHARAM, HYDERABAD, RANGAREDDY, TELANGANA, 500076
धारक का नाम / Name of the Signatory	Kadali Lakshmi Suckha
Director / Partner Details	Refer online at https://dgft.gov.in or scan the QR Code
शाखा/दुकानें /Branch Details	Refer online at https://dgft.gov.in or scan the QR

Last Modified : 18/10/2023
File Number : HYDIECPAPPLY00012040AM24



Note : This is a system-generated certificate. Authenticity / Updated details of the IEC can be checked at official DGFT website <https://dgft.gov.in> by entering the IEC and Firm Name under Services > View Any



सत्यमेव जयते

GOVERNMENT OF INDIA

MINISTRY OF CORPORATE AFFAIRS

Central Registration Centre

Form 16

[Refer Rule 11(3) of the Limited Liability Partnership Rules,2009]

Certificate of Incorporation

LLP Identification Number: **ACD-1711**

The Permanent Account Number (PAN) of the LLP is **ABYFM4488P***

The Tax Deduction and Collection Account Number (TAN) of the LLP is **HYDM27140B***

It is hereby certified that MECH O TECH LLP is incorporated pursuant to section 12(1) of the Limited Liability Partnership Act 2008.

Given under my hand at Manesar this TWENTY FIFTH day of SEPTEMBER TWO THOUSAND TWENTY THREE

Signature Not Verified

Digitally signed by
DS MINISTRY OF CORPORATE AFFAIRS 10
Date: 2023.09.23 18:53:30 IST

Bhiny Kapoor
Assistant Registrar of Companies/ Deputy Registrar of Companies/ Registrar of Companies
For and on behalf of the Jurisdictional Registrar of Companies
Central Registration Centre

Disclaimer: This certificate only evidences incorporation of the LLP on the basis of documents and declarations of the applicant(s). This certificate is neither a license nor permission to conduct business or solicit deposits or funds from public. Permission of sector regulator is necessary wherever required. Registration status and other details of the LLP can be verified on mca.gov.in

Mailing Address as per record available in Registrar of Companies office:
MECH O TECH LLP

4-1-77-404, Venkateswara Heights, Srinagar Colony, I.E.Nacharam, Nacharam Police Station, Uppal, K.V.Rangareddy-500076, Telangana, India



*as issued by Income tax Department

Registration Certificate

This is to certify that

MECH O TECH LLP

Office Address: 4-1-77-M404, Venkateswara Hights Sri Nagar Colony, Nacharam, Hyderabad – 500 076, Telangana, India.

Factory Address: Survey No 495 Basaregaal Village, MedchalMandal, Medchal-Malkajgiri District, Telangana, India.

has been assessed by RAPL and found to comply with the requirements of

ISO 9001 : 2015
Quality Management Systems

For the following activities:

Manufacturing & Design, Service of Marketing, Erection & Commissioning after Sales and of Process Plants and Equipments, MS and SS Fabrication Works.

Certificate Number: E2023115469
Date of certification: 10/11/2023
1st Surveillance on or before: 09/11/2024
1IInd Surveillance on or before: 09/11/2025
Certification Valid Until: 09/11/2026

Director (Certification)
Royal Assessments Pvt. Ltd.

629 A, Tower-B, 17th, Plot No. A - 45, Sector - 62, Noida - 201301, India
www.royalassess.com info@royalassess.com
Phone : +91 120 426 3259

This Certificate can be verified at www.royalassess.com

CERTIFICATE NO:
DIPP149827



Government of India
Ministry of Commerce & Industry
Department for Promotion of Industry and Internal Trade

#startupindia

CERTIFICATE OF RECOGNITION

*This is to certify that **MECH O TECH LLP** incorporated as a **Limited Liability Partnership** on **25-09-2023**, is recognized as a startup by the Department for Promotion of Industry and Internal Trade. The startup is working in 'Technology Hardware' Industry and 'Manufacturing' sector as self-certified by them.*

This certificate shall only be valid for the Entity up to **Ten** years from the date of its incorporation only if its turnover for any of the financial years has not extended **₹ 100 Cr.**

25-10-2023
DATE OF ISSUE

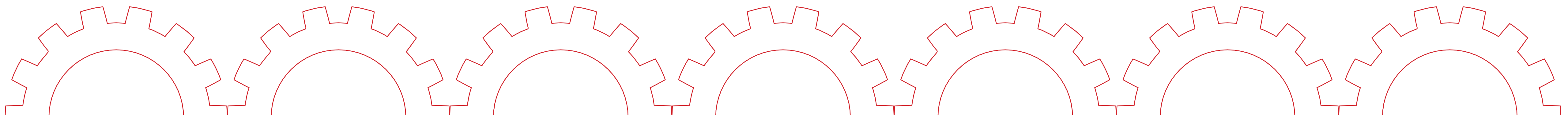
24-09-2033
VALID UPTO

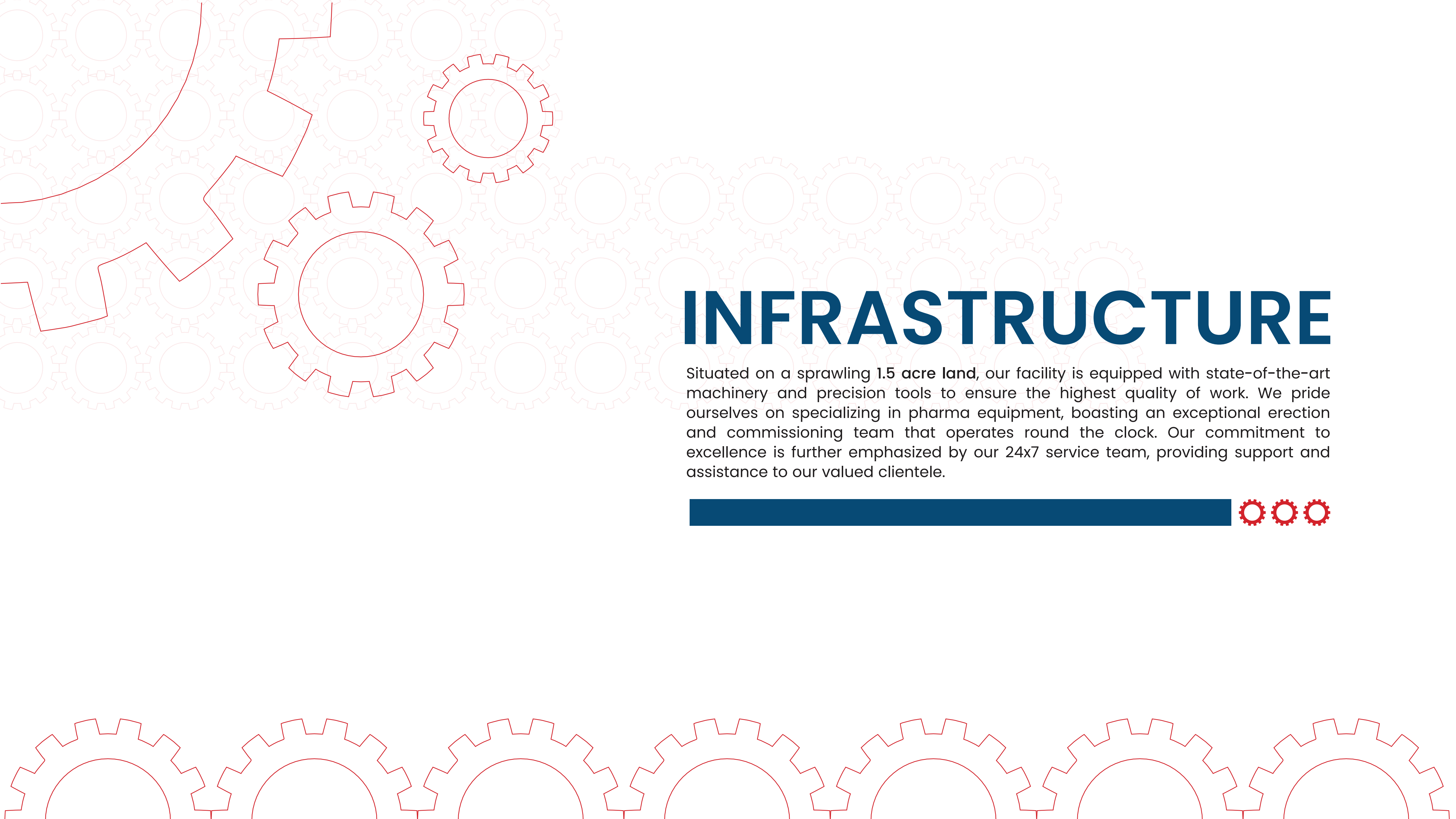
Our Team

Our strength lies in our experienced team, led by

MR. SRINIVASA RAO. KADALI

Our strength lies in our experienced team, led by Mr. Srinivasa Rao Kadali, a designated partner with an extensive 23-year tenure in extraction units and 27 years in distillation and the mechanical field. Combined with the expertise of our engineers and technicians, each boasting more than 15 years of experience, we are dedicated to delivering high-quality, reliable solutions.

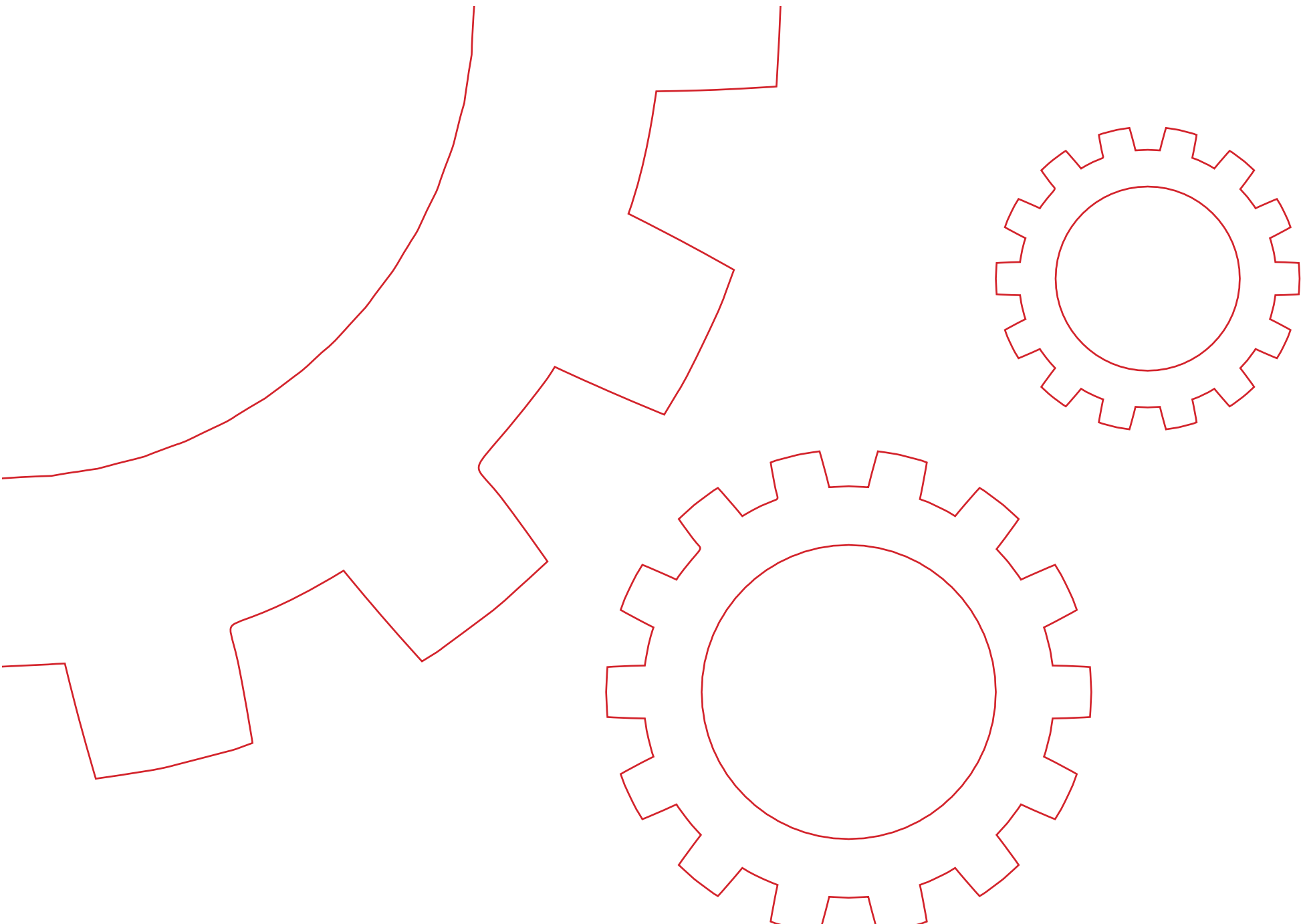




INFRASTRUCTURE

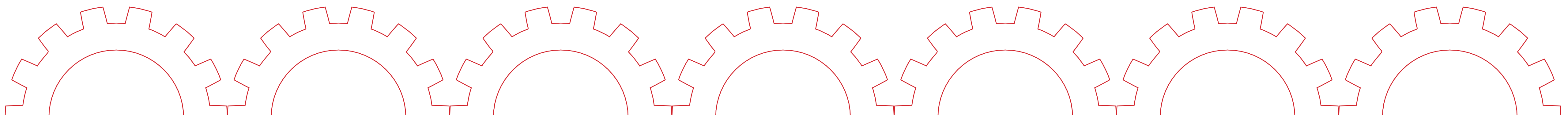
Situated on a sprawling 1.5 acre land, our facility is equipped with state-of-the-art machinery and precision tools to ensure the highest quality of work. We pride ourselves on specializing in pharma equipment, boasting an exceptional erection and commissioning team that operates round the clock. Our commitment to excellence is further emphasized by our 24x7 service team, providing support and assistance to our valued clientele.

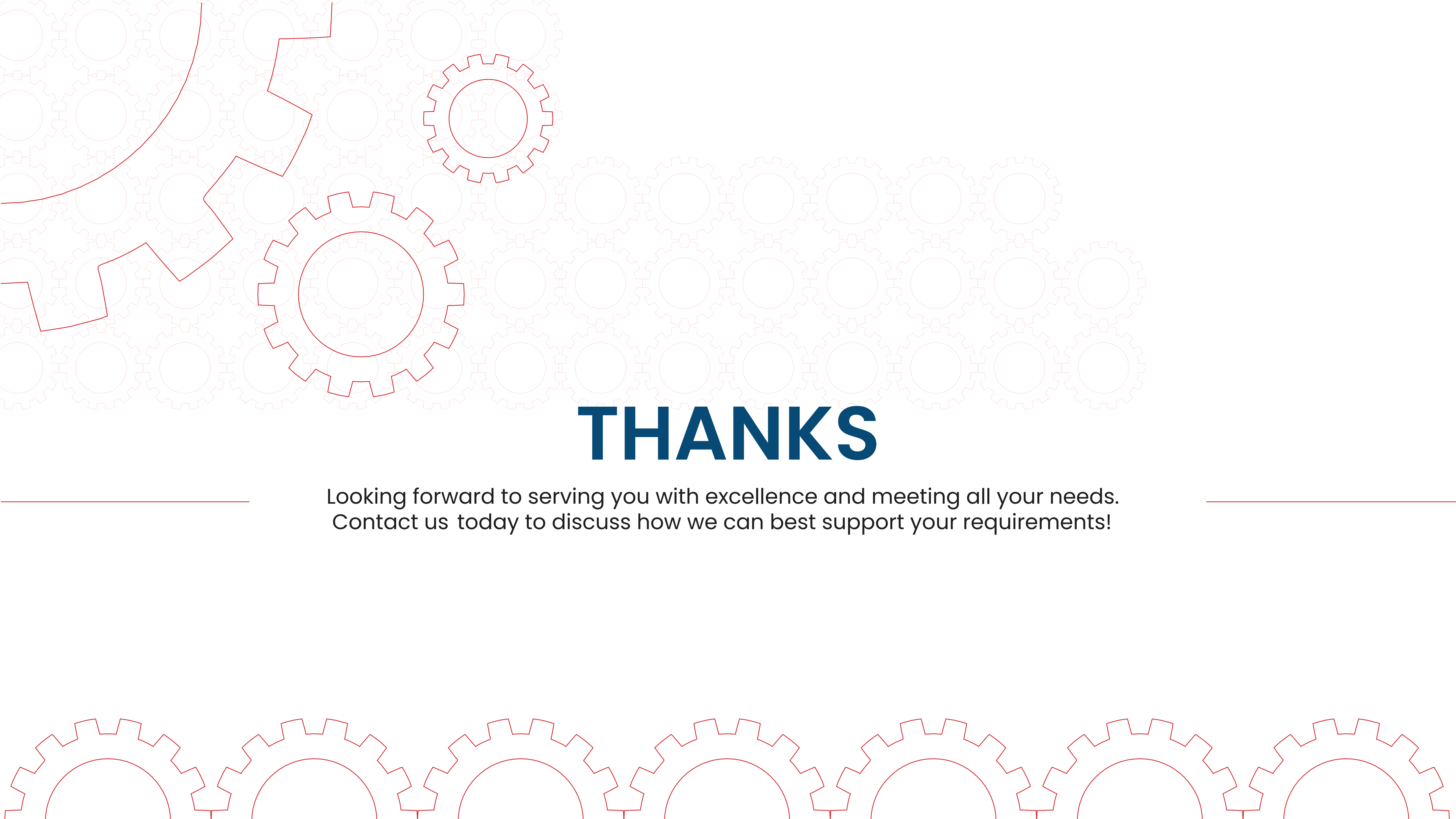




CLIENTS

- ⦿ BULK DRUG INDUSTRIES
- ⦿ PHARMA COMPANIES
- ⦿ NEUTRACEUTICAL MANUFACTURERS
- ⦿ HERBAL EXTRACTION MANUFACTURERS
- ⦿ ESSENTIAL OIL MANUFACTURERS
- ⦿ SPICE OIL
- ⦿ MANUFACTURERS
- ⦿ PERFUMERY INDUSTRIES
- ⦿ ENTREPRENEURS





THANKS

Looking forward to serving you with excellence and meeting all your needs.
Contact us today to discuss how we can best support your requirements!



MECHOTECH
TRANSFORMING VISION INTO REALITY

| + 91 77992 68899

| + 91 94403 44335

| info@mechotech.in

| Sy No.495, Basaragadi Village, Medchal Malkajgiri,
Hyderabad - 501401, India.