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THE KUMAR BULLETIN

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Build to THRIVE
Projects, Tradeshows,
Events

Kumar's Skid-mounted Lecithin Drying Plant



Delivered and commissioned in Turkey, this 10 TPD Lecithin Skid-Mounted Drying Plant is a compact, fully integrated system designed for efficient moisture removal from sensitive feedstocks like corn, sunflower, and soybean gums.

At the heart of the plant are Kumar's specially engineered Agitated Thin Film Evaporator and Cooler that have been built for high-efficiency heat transfer, low maintenance and optimal performance with viscous materials.

THRIVE WITH US

What makes this plant stand out?

PLUG-AND-PLAY DESIGN

Skid-mounted for fast installation and seamless integration

HIGH-PERFORMANCE DRYING

Removes 50–60% moisture while preserving product integrity

OPTIMISED FOR DELICATE MATERIALS

High vacuum, low temperature, and minimal residence time

ROBUST CONSTRUCTION

Built for durability with minimal downtime

SMART AUTOMATION

Controlled via PLC–SCADA system for precision and consistency

CUSTOM-ENGINEERED EVAPORATOR & COOLER

Designed by Kumar for superior efficiency and reliability

APPLICATIONS

Corn gum, sunflower gum, soybean gum—and other high-viscosity lecithin streams requiring gentle but effective drying.

With this installation, Kumar once again demonstrates our capability to deliver end-to-end engineered solutions that combine high performance, minimal footprint, and operational ease.

Precision drying.

Optimised evaporation.

Plug-and-play performance.

Only from Kumar.



**PROJECT
SPOTLIGHT**

MEET SANTOSH BEMBADE

PROCESS-DRIVEN PASSION

With over three decades of experience in the oils and fats industry, my move to Kumar Metal Industries was a natural next step. What attracted me most was the depth and breadth of processes Kumar handles—from seed to oil, and beyond. Mechanical extraction, solvent extraction, refining, fat modification, specialty processes like essential oils and soya protein concentrates, oleochemicals, biofuels, feed mills—Kumar touches every aspect of the value chain.

Being able to learn, apply, and offer solutions across such a diverse process portfolio is what excites me. The company's strong market presence ensures we constantly receive complex inquiries, and that gives us the chance to engineer the best-fit solutions for every customer.

A TEAM ALIGNED ON PURPOSE

What I enjoy most is the spirit of collaboration within our team. Everyone contributes with sincerity and responds to customer requirements with a shared sense of purpose. That synergy helps

us consistently deliver high-quality solutions, on time.

Each day begins with a review meeting—pending offers, technical discussions, open inquiries. No two days are the same. Every customer inquiry is unique, and we take pride in tailoring solutions to their specific process needs. That dynamic nature of work keeps it interesting and rewarding.

We keep the team aligned with company goals by setting individual targets that ladder up to project milestones. Whenever support is needed—technical, procedural, or interpersonal—we make sure it's there. Our success is built on coordination and mutual accountability.

QUIET INNOVATIONS, BIG IMPACT

Our team has quietly introduced innovations that have made a significant difference. Energy-efficient vacuum heat exchangers and gravity filters are two examples—technologies that are rare in the market and performing well in the field.

One of the achievements I'm particularly proud of is a solvent extraction

plant we built in the Marathwada region of Maharashtra—between the towns of Mazalgaon and Dharur. Despite stiff price competition in the Indian market, we delivered two high-performance plants that are now regarded among the best in the country for oil and oilcake quality.

The success of these installations has led to widespread recognition and several new inquiries. Customer feedback continues to validate the strength of our engineering and execution.

COMMITMENT TO QUALITY AND INNOVATION

At Kumar, performance guarantees are not just paperwork—they're a promise. From process engineering to equipment selection, we ensure every aspect of execution aligns with what we commit to the customer.

Our department plays a key role in this, working closely with Engineering, Procurement, and Manufacturing to ensure our solutions meet expectations in the real world—not just on paper.



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From seed to solution, Kumar's strength lies in mastering every step of the process — and delivering it to the world.

SOLVING CHALLENGES TOGETHER

Coming from a process background, I find great satisfaction in understanding customer challenges and proposing solutions that work—not just in theory but in practice. When a customer calls to say the changes we recommended made a real difference to their output, that's the most rewarding part of my job.

One of our recent challenges was in Bulgaria, where installation complexities and product inconsistencies prevented smooth plant

operation. I visited the site personally, assessed the situation, and collaborated with our engineering and production teams to implement critical corrections. The changes are now underway, and we're on track to deliver the performance we promised.

FOR THE NEXT GENERATION

Kumar offers a unique platform for young engineers. As an EPC company, it provides exposure across all disciplines—mechanical, electrical, automation, installation. For fresh graduates, it's a place to gain hands-on experience,

contribute meaningfully, and grow into a well-rounded engineer capable of delivering high-quality work in a competitive industry.

Kumar is one of the few Indian companies with such a strong global footprint—nearly 90% of our project revenue comes from international markets. This gives every team member the chance to showcase their capabilities on a global stage. I've been with the company for over four and a half years now, and I feel proud to be part of this journey.

SANTOSH BEMBADE
General Manager, Sales & Marketing

PROJECTS IN PLAY



Kumar 250 TPD Sunflower Prepress Unit, 200 TPD Continuous Solvent Extraction Plant and 100 TPD Refinery for a company in Africa



WE CELEBRATED WORLD ENVIRONMENT DAY



BUILD TO THRIVE

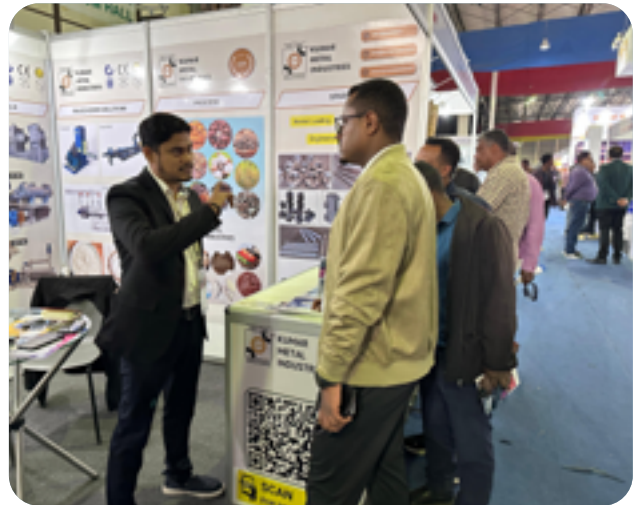
WE WERE AT



OLEOFUEL EXPO, SPAIN



BIOFUEL EXPO, INDIA



ETHIOPIA AGRIFOOD

WHERE WE'RE GOING NEXT

AFRO WORLD AGRI FOOD



Booth #B05



21-23 July, 2025



Diamond Jubilee Hall
Dar Es Salam, Tanzania

IVPA Global Roundtable 4.0



Booth #18



24-25 July, 2025



JW Marriott, Aerocity,
New Delhi. India



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