

THE KUMAR BULLETIN

+91 89284 45211 | connect@kumarmetal.com | kumarmetal.com



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New business, project
updates and more

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Meet our Chief Executive
Officer

Spotlight



Precision engineered American technology proudly offered by Kumar

Equipped with two or four dynamically balanced rolls crafted from chilled cast iron, this machine efficiently cracks each seed into 4-6 pieces, increasing surface area for more uniform processing. Rolls feature a hardness of 470-520 BHN with a depth thickness of 25-30 mm, ensuring durability and an extended lifespan.

FEATURES

- Adjustable springs and belleville washer: These components absorb shocks, minimizing potential damage to the rolls during operation, thereby extending equipment life.
- Spherical, self-aligned roller bearings: Integrated into the bearing housing, these bearings ensure perfect roll alignment during operation, enhancing both performance and durability.
- UHMWPE side sealing: Precisely fabricated and fitted within the cracker, this sealing system prevents the passage of uncracked seeds, ensuring optimal cracking efficiency.

The combination of sophisticated design and robust construction positions the Cracker as a leader in seed processing technology, offering superior performance and longevity.

Kumar is proud to offer this advanced solution in key markets, as a vital component of your project's success.

CPM Roskamp Cracking Mill

The CPM Roskamp Cracking Mill is globally recognized in the oilseed industry for their high-capacity, consistent, and trouble-free performance, operating reliably 24 hours a day. These mills are engineered for robustness, ease of operation, and maintenance, ensuring the highest quality output. Supported by industry-leading after-sales service, CPM Roskamp Cracking Mill deliver unmatched reliability.

CPM Roskamp Cracking Mills are designed to enhance the efficiency and consistency of seed processing in the oilseed industry, leveraging cutting-edge American technology. It reduces particle size with precision, minimizing fines generation for uniform cracking and better extraction results.

Seed Processing



Solvent extraction plant dispatched in March to a client in Nigeria



Refinery Project in Cameroon

500 TPD physical refinery for crude palm oil and 700 TPD fractionation. Erection work in progress.

1000 TPD Kumar Soybean Preparatory SEP in Egypt



Cocoa Nibs Plant in Ivory Coast

Supply of 40 TPD Oil Mill Machinery for cocoa nibs completed and received the plant completion certificate.



Interview



“
To solve a problem,
you need to have
an approach to
solve the problem,
and to find a
solution, you
must first deeply
understand the
problem.”

My Journey

After earning my degree in Oil Technology, I began my career as a trainee engineer at VVF Limited. Over 18 years, I rose to become their Country Head in Indonesia, overseeing oleochemicals and personal care products. I then joined Sinar Mas Group and later Dharmek Sagro, where I managed upstream and downstream operations in oleochemicals, biodiesel, and

palm oil mills. In 2018, I returned to India to join Mectec Process Engineering as CEO, and in 2021, I was appointed as the CEO of Kumar, following a thorough selection process by the board.

Leading a Legacy

Leading Kumar, a company with over eight decades of rich history, is a significant responsibility. Our legacy brings expectations from customers and the entire ecosystem. It is essential to preserve

the company's culture and practices, which have evolved over many years, while driving growth and meeting the board's expectations for expansion.

Innovation and Customer Focus

Innovation is central to our strategy at Kumar. With three decades of experience, I emphasize understanding customer challenges and providing solutions that

improve operational efficiency and product quality. By constantly seeking ways to enhance our offerings, we ensure that we remain ahead of the curve in the oil and fat industry.

Leadership Style

I believe in empowering my team and avoiding micromanagement. However, I dive deep into details when faced with operational or financial challenges. Once systems and processes are streamlined, I delegate responsibilities to heads of departments, ensuring continuous improvement and adherence to updated protocols.

Leading to inspire

My leadership style has been influenced by various mentors and industry leaders. I believe in deep-diving into issues and finding practical solutions. Aspiring leaders should immerse themselves in understanding industry challenges and seek innovative solutions.

Problem-Solving Culture

To foster a culture of problem-solving, we focus on understanding customer issues from their perspective. This approach helps us find

innovative solutions that address operational and quality challenges. Regular brainstorming sessions and team visits to customer sites are integral to this process.

Communication and Collaboration

Effective communication is crucial for leading a global team. Ensuring transparency and clarity in communication helps address issues promptly and maintains cohesion among teams spread across different regions.

Commitment to Quality

Quality is non-negotiable at Kumar. We adhere strictly to quality standards, even if it means delays in deliveries. Our commitment to quality extends to safety and environmental health, earning us certifications like ASME, USTAM, and CE.

Adapting to Industry Changes

The oil and fat industry is evolving, with a growing emphasis on nutritional value over physical appearance. We continuously update our technologies and processes to meet these changing market requirements, ensuring our products deliver maximum value to customers.

Balancing Innovation and Profitability

Innovation helps us stay competitive and maintain profitability. We focus on reducing operational costs and improving product value, ensuring that we remain sustainable and financially sound.

Future Focus: Food, Feed, and Fuel

Kumar is expanding its focus to address food, feed, and fuel challenges. By integrating these sectors, we aim to create sustainable solutions that meet global demands. This holistic approach positions us as a leader in addressing critical industry needs.

In leading Kumar, I am committed to driving innovation, maintaining quality, and ensuring sustainable growth. Our legacy, combined with a forward-thinking approach, ensures that Kumar remains a pioneer in the oil and fat industry.

- Biju George Palayil
Chief Executive Officer



Our Partners

Kumar believes in strategic partnerships that make cutting edge technology accessible to businesses in our industry across geographies.



Technological partnership with CPM-Crown for preparatory and solvent extraction processes and refining



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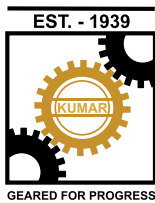
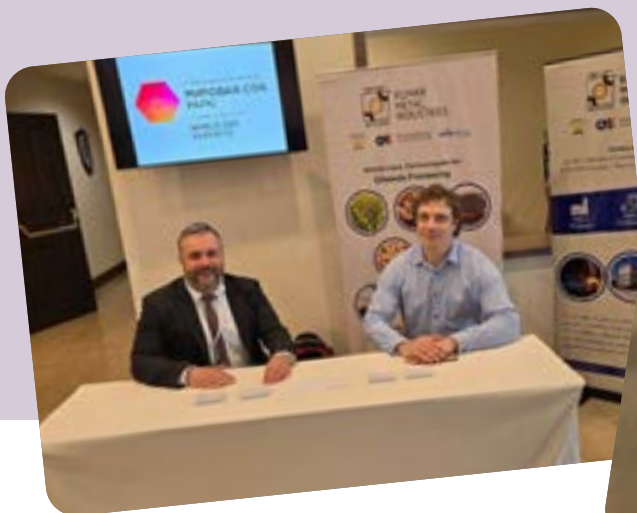
Manufacturing and sales license for Anderson designed Dox Extruders and Solvex Expanders and spare parts in India



Controlled flow cavitation for oil refining and biodiesel processes

Event Highlights

Kumar at the World Soy Business Forum in Sochi, Russia!



KUMAR METAL INDUSTRIES PRIVATE LIMITED

Turnkey Solutions: Oils Mills - Mechanical & Solvent Extraction Plants | Refining | Oils & Fats Processing | Oleo-Chemicals | Bio Diesel | Feed Mills

REGISTERED OFFICE

#101, Kakad Bhavan, 30th Road,
Opposite Gaiety Galaxy Cinema,
Bandra W, Mumbai 400 050
T: +91-6699 0123/130

CORPORATE HQ

#2&3, A Wing, Western Edge II,
Off Western Express Highway
Borivali E, Mumbai 400 066
T: +91-8655334013/4

INNOVATION CENTRE

#7, Mira Co-op Indl Area,
Western Express Highway,
Mira Road E, Thane 401104
T: +91-22-28458300/9100



connect@kumarmetal.com
kumarmetal.com