

# THE KUMAR BULLETIN

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Meet Sudhir Manaktala,  
Chairman of Kumar

# Launchpad

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**We're excited to announce the launch of Kumar's first elite range Expeller, a groundbreaking development in our product lineup.**

This advanced Expeller boasts an impressive pre-press capacity of 350 to 400 tons per day (TPD), setting a new standard in the industry. It is powered by a robust gearbox and motor, delivering between 500 to 550 horsepower (HP), ensuring unmatched efficiency and performance.

## **FEATURES**

- A premium-grade steel cast chamber, engineered for durability, featuring hard-faced and alloy steel worms with cage bars for enhanced operation.
- Innovative horizontal and vertical screw feeders designed to precisely control the feed material, optimizing the expelling process.
- An integrated screw conveyor for the seamless handling of oil and foots, improving workflow and reducing manual labor.
- State-of-the-art hydraulic cone and chamber opening arrangements, providing superior ease of access and maintenance.
- A barring motor arrangement, specifically designed to simplify maintenance tasks and minimize downtime.
- Flexibility in operation with both manual and automatic operating modes, catering to a variety of operational preferences and requirements.



# Xpress 400



# New business

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## 25 TPD Biodiesel Plant in – India

Sections included in the project

- Transesterification
- Glycerine Pretreatment
- Methyl Ester Distillation
- Methanol Rectification

## Kumar 100 TPD Continuous Physical Refinery For Crude Palm Oil



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## Project update

# — Make Anderson in India

## Anderson Dox™ Extruder



**We're proud to unveil the first Anderson Dox™ Extruder to be manufactured on Indian soil for a 150 TPD Soyabean Oil Mill in India.**

Last year, Kumar entered a technology collaboration and sales agreement with Anderson International Corp, USA to manufacture and sell the company's extruders, expanders and associated spare parts in India.

Anderson International's processing systems are built around the Expeller® press technology invented in the 1800s by the company's founder, Valerius D. Anderson. All mechanical screw presses used today are built using the concept originally developed in Anderson's Expeller press design. Anderson has designed, manufactured, and commissioned over 12,000 pieces of processing equipment for over 1,000

plant installations in over 100 countries. Each processing solution is tailored to the unique needs of the customer.

Kumar manufactures these machines to the high standards and specifications laid down in Anderson International's design and quality policy with complete process support for the lifetime of the system in line with Anderson's support guarantee.

The Dox™ Extruder is designed to mechanically cook, dry, deactivate anti-nutritional factors and break down soybean for enhanced oil recovery in an Expeller press.

# Interview

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**A Journey of  
Innovation and  
Commitment: My  
Story with Kumar  
Metal Industries**



As I reflect on the journey that has been Kumar Metal Industries, I'm filled with a profound sense of pride and gratitude. From my early days joining the company right out of college, stepping into the legacy my father founded, to witnessing its transformation into a beacon of innovation in the oil expellers industry, the journey has been nothing short of remarkable.

## **The Foundation of Our Success**

At the heart of our success are the values of hard work and sincerity. These principles have not just shaped my career but have become the bedrock of Kumar Metal Industries. In our industry, we don't rely on the typical channels of publicity. Instead, our growth has been fueled by the success of our projects and the positive word-of-mouth from our satisfied clients. This grassroots approach to building our reputation has ensured our company's longevity, now

surpassing 85 years.

## **Milestones of Growth**

Our story is one of humble beginnings, starting in a small workshop. The significant leap to a 40,000 square feet facility at Mira Road was a testament to our growing ambitions. Yet, it was the move to Manor, with its 200,000 square feet expanse, about 15 years ago, that marked a pivotal moment in our history. This transition was driven by a surge in orders and the

vision to create a workspace tailored to our exact needs. The strategic location of Manor, despite its distance from the nearest railway station, was chosen for its direct highway access, facilitating ease of transportation and ultimately contributing to the success of this venture.

### **Embracing Innovation**

The evolution of technology and the advent of digital marketing have revolutionized the way we operate. Diversifying into new product lines such as refineries, solvent extraction plants, biodiesel, and

oleochemicals was a strategic move to stay ahead in the industry. This expansion was fueled by our commitment to innovation, driven by insights gained from international travel, seminars, and industry fests.

### **A Message to Aspiring Professionals**

To those aspiring to make their mark in the industry, I offer this advice: stay sincere and steadfast. The path to success is not about frequently jumping from one job to another but about fostering a sense of ownership and dedication to your work. This ethos will not

only propel your career forward but also contribute to the industry's growth.

As I share my story in our company newsletter, it's a reminder of where we've come from and where we're headed. Kumar Metal Industries stands as a testament to the enduring power of hard work, sincerity, and the relentless pursuit of innovation. Here's to continuing this remarkable journey, together.

**Sudhir Manaktala**  
- Chairman



**This grassroots approach to building our reputation has ensured our company's longevity, now surpassing 85 years.**



# Our Partners

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



Technological partnership with Crown Iron Works for preparatory and solvent extraction processes and refining



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

## Let's meetup

### POC 2024, Malaysia

4 - 6 March 2024

Booth # 39

Shangri-La, Kuala Lumpur

### Oil & Fats, Bangladesh

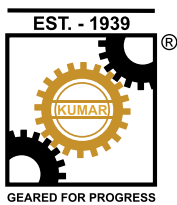
25 - 27 April 2024

Booth # 60, Hall 2

International Convention

City Bashundhara (ICCB),

Kuril, Dhaka, Bangladesh



### KUMAR METAL INDUSTRIES PRIVATE LIMITED

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

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