

THE KUMAR BULLETIN

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Kumar tech in spotlight

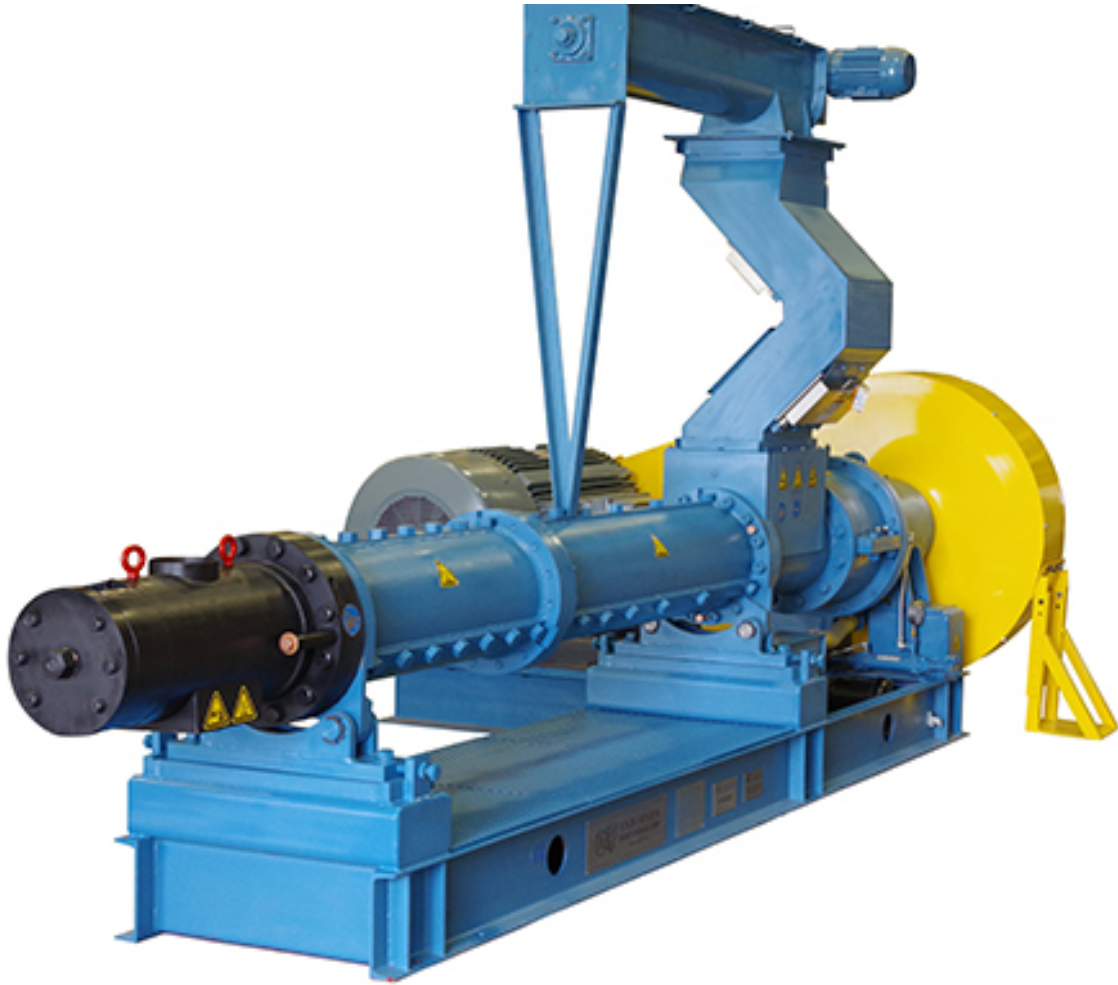
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What has Kumar been
up to? An update

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Kumar at events

Spotlight



Optimized Oil Recovery for High Oil Content Seeds

Dox-Hivex™ Extruder, powered by Anderson technology, represents an innovative solution for processing high oil content materials with exceptional efficiency.

Advanced Product Description:

The Dox-Hivex™ Extruder is engineered with a specialized drainage cage, enabling the efficient extrusion of materials with over 30%

oil content while recovering more than 50% of the available oil. This advanced design optimizes oil recovery, enhancing overall processing efficiency.

Applications:

Ideal for high oil content materials, including canola, rapeseed, sunflower, cottonseed meats, peanuts/ground nuts, palm kernel, and copra processing. This allows for increased throughput, enabling operators to handle more material within a given timeframe.

FEATURES

- Drainage Cage Design: Facilitates efficient oil recovery during extrusion, achieving over 50% recovery in high oil content materials.

The Dox-Hivex™ Extruder, with its sophisticated design and robust performance, is a powerful solution for processors seeking to maximize oil yield and operational efficiency in the handling of high oil content seeds.

The Dox-Hivex™ Extruder recovers over 50% oil from materials with 30%+ oil content.

Preparation



**Soybean
preparatory,
SEP and
refinery in
West Africa**

**300 TPD
continuous
SEP for soya
collets and
cotton seed
meat in
West Africa**



New business

Project update



New Super Press Series (NSP IIA), each handling 18 TPD with a horizontal cooker—ideal for macadamia seeds— in Oceania

200 TPD fractional distillation plant with two robust fatty acid distillation columns designed for the oleochemicals and biodiesel industry in Southeast Asia



Celebrations





Oil and Fats International Congress (OFIC) 2024



IX International Congress Fat & Oil Industry



What we did

About trials

EXPLORE THE FUTURE OF OILSEED PROCESSING AT KUMAR'S OM INNOVATION CENTRE

Step into the OM Innovation Centre – our cutting-edge hub for technology insight, collaboration, and advancement, named in honour of our founder, Onkarnath Manaktala. Located at our Mumbai HQ, this state-of-the-art facility enables companies to test hypotheses and develop innovative solutions for oilseed technologies and specialty oil and fat processing.

Equipped with a fully functional pilot plant featuring preparation, extraction, and refining equipment, the OM Innovation Centre offers the unique opportunity to simulate plant-scale operations in a controlled environment. This is where ideas are transformed into scalable, data-driven solutions.

RUN A TRIAL AT OUR INNOVATION CENTRE

Interested in exploring new possibilities? Trials are conducted by appointment only. Contact us to schedule your trial and let's work together to exceed your expectations in oil and meal quality.



Schedule your trial now



Our Partners

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



ANDERSON
INTERNATIONAL CORP



Technological partnership with CPM-Crown 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



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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