



CREMACHTM
FEED TECHNOLOGY, SINCE 1978



HIGH QUALITY
COMPOUND FEED

WWW.CREMACH.IN

**HIGHLY STABLE,
ROBUST AND
REFINED
MACHINES**

**MORE THAN 40 YEARS
OF EXPERIENCE**

COMPANY PROFILE

Cremach Pvt. Ltd. is a leading supplier of dependable, high-quality milling machinery designed for the compound feed industry. With an experience of over 4 decades, the company excels in design, fabrication, supply, installation, automation and commissioning of animal feed process machinery.

Under the helm of Mr. Paresh Vakil whose professional competence dates back to 1978, Cremach's expertise is in process equipment for cattle feed, poultry feed, aqua feed, feed additives and more. At Cremach, we design and manufacture a comprehensive range of state-of-the-art process equipment incorporating modern technology. Our proficiency is in design-engineering, manufacturing, project management and grain processing. Additionally, we engineer grain storage silo along with large capacity conveying equipment.

We practice a business strategy aimed at our clients achieving profitable growth, by a team of industrious and committed professionals who engineer the best machinery in the industry.



We design and manufacture a comprehensive range of state-of-the-art process equipment incorporating modern technology.

MANAGEMENT PROFILE

Mr. Paresh Vakil

Cremach was founded by Mr. Paresh Vakil in 1980 along with two other partners – Mr. Ravindran and Mr. UKK Menon. Mr. Vakil has a vast knowledge of the industry and has been a pioneer in developing new technologies in the feed milling space.

B.Tech (Mechanical)

Regional Engineering College,
Surat, India

MBA

Oklahoma State University,
Stillwater, USA

Mr. Nakul Vakil

Mr. Nakul Vakil joined the company after working in a reputed project engineering company in India in 2015. He brings his diverse knowledge of Engineering, Management and Feed Technology to the vast experience of the company.

B.Tech (Electronics)

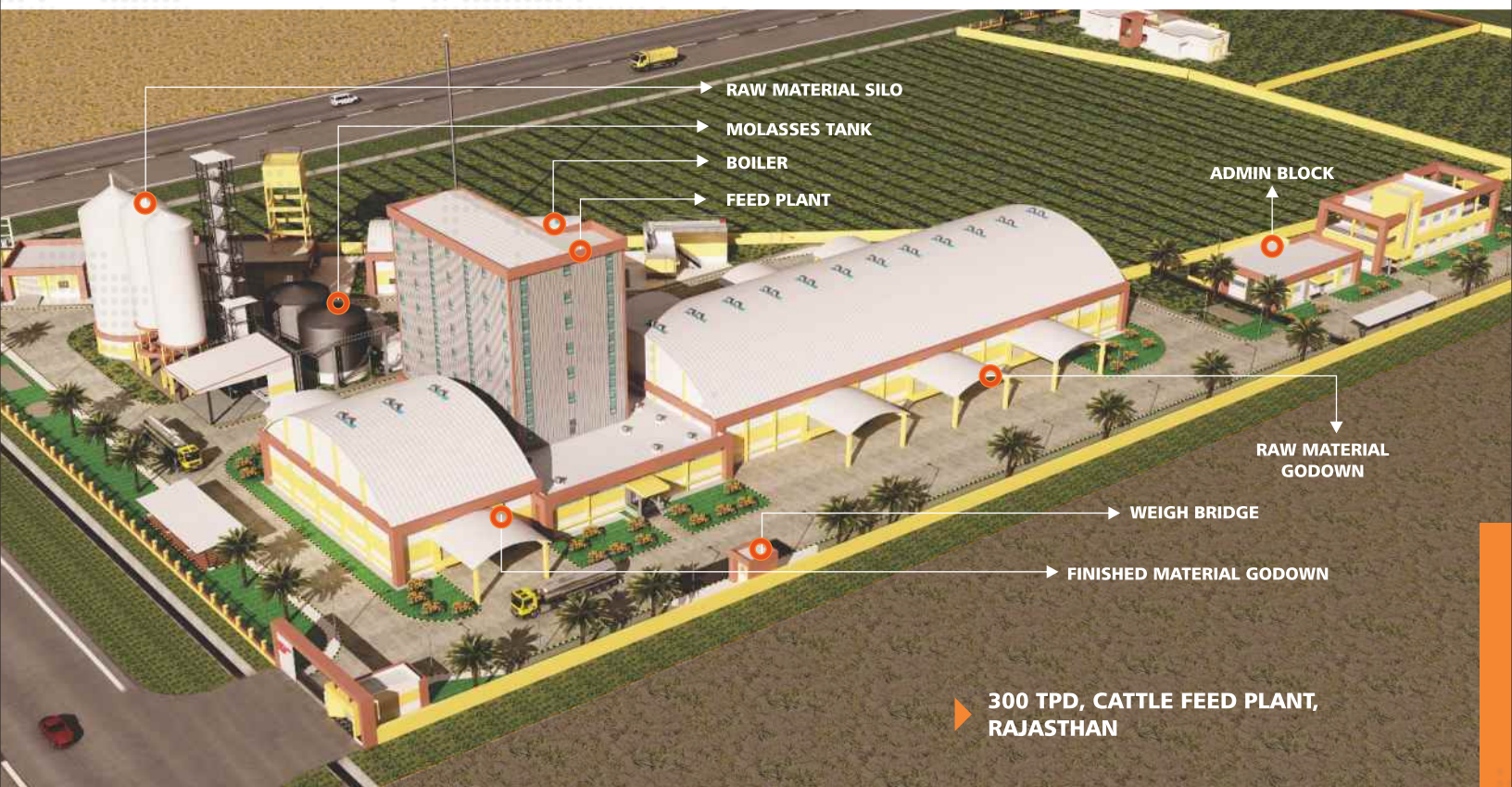
Maharaja Sayajirao University,
Vadodra, India

MBA

Indian School of Business,
Hyderabad, Mohali, India

**Feed Manufacturing
Technology and Engineering**
Kansas State University, USA

Strategy & Leadership
SDA Bocconi School of
Business, Milan, Italy



COMPANY HIGHLIGHTS



More than 40 years
of Feed Technology
Experience



40,000 Sq Ft. of
Workshop Facility
in Vadodara



National Dairy
Development Board
(NDDB) approved



Largest Indigenous
Feed plant
installation of
1200 Ton Per Day



30,000 Ton of
Feed produced in
Cremach Machines
per day



300+
Pellet mills
in operation



400+
Hammer mills
in operation



Feed Plants of
capacities from
50 TPD to 1200 TPD



200+
Projects across
the country



Lowest Power
Consumption per
ton of feed



Lowest
Operational Cost
of Feed Plant

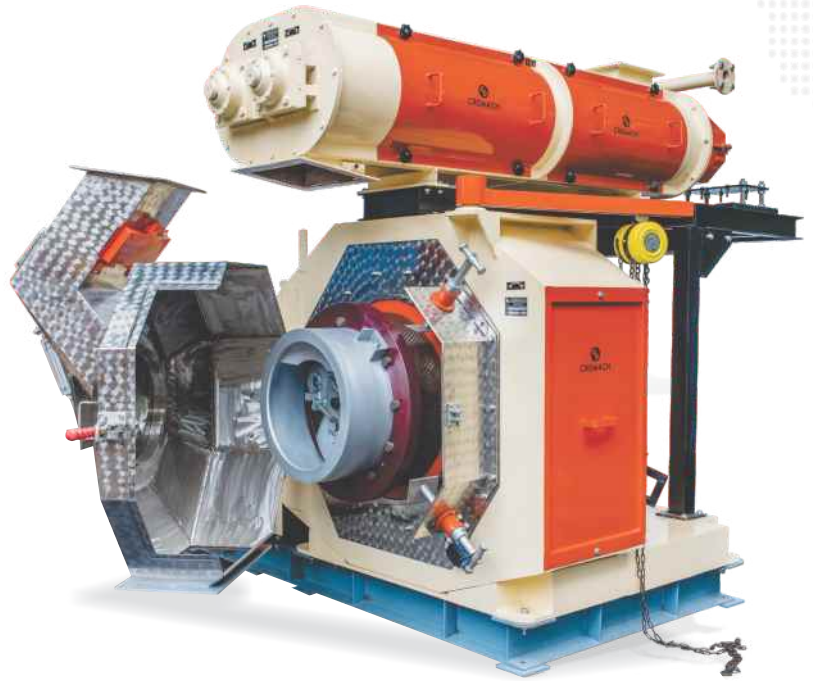
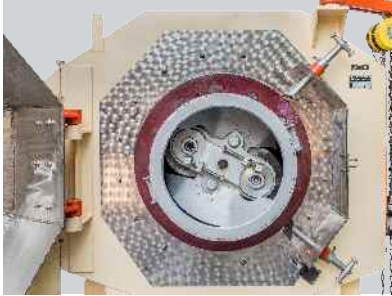


High profit
Low Maintenance

► PELLET MILL

The Millennium Series Pellet Mills have a throughput capacity of 3 to 20 tons per hour - TPH (Model No. CPL 420 to CPL 700). The stepped transmission via V-belts permits uneven material inflow and higher motor capacity. The robust machine frame guarantees a stable and vibration-free pellet mill during production.

Superior
Reliability



Features of Pellet Mill:

- Auto Operation Pelleting Station results in uniform product quality and near 95% machine operation efficiency
- Stainless Steel Contact Parts with machine protective accessories
- Heavy and robust central shaft assembly for a long life and low maintenance operation
- Twin shaft paddle type conditioner along with adjustable paddle angle in conditioner
- Higher retention time in conditioner with uniform steam injection
- Integrated pneumatic quick-dump chute and hoist facility



Automatic
Operation



Low
Operation Cost



Uniform
Product Quality

| TYPE | MOTOR (HP MAX) | DIE DIAMETER (MM) | DIE WIDTH (MM) | CAPACITY (TPH) |
|-----------|----------------|-------------------|----------------|----------------|
| CPL 420 | 75 - 120 | 420 | 138 | 03 - 05 |
| CPL 520 | 120 - 150 | 520 | 138 | 05 - 07 |
| CPL 520 W | 150 - 180 | 520 | 178 | 08 - 10 |
| CPL 600 | 180 - 215 | 600 | 178 | 10 - 15 |
| CPL 660 | 215 - 270 | 660 | 200 | 12 - 17 |
| CPL 700 | 270 - 420 | 700 | 250 | 15 - 20 |

► HAMMER MILL



Fine Product
Grind

Hammer Mill - Full Circle Series are suitable for grinding granulates up to 20 mm diameter. Depending on the screen-size used, the mill is able to reduce the particle size down to 500 microns. The FCS Series Hammer Mill feature a solid all-welded construction with a high density frame for low vibration and noise.



Features of Hammer Mill:

- Full circle hammer mill with air swept tear drop design for a large screen opening area and high efficiency
- Speed controlled flow of materials to achieve optimum efficiency
- An integrated grinding station coupled with a high performing aspiration unit to keep the screen area clean, avoid choking and increase throughput
- The FCS's optimal hammer design and placement, as well as optimum hammer bar velocity, ensure maximum material contact for proper, efficient size reduction
- The door design allows easy access to the screen frames and convenient part replacement. Changing the worn out parts requires no tools
- Precisely balanced rotor with specially sealed bearing housings with dust protection
- The Hardened Beaters are designed for utilizing all 4 edges of the beaters achieving maximum utilization of machine parts.
- The Noise level on the machine is less than 80db



Low Vibration



Easy to Maintain



High Performing

| TYPE | MOTOR (HP MAX) | CAPACITY (TPH) |
|-------|----------------|----------------|
| FCS 4 | 15 - 25 | 03 - 05 |
| FCS 5 | 25 - 40 | 05 - 07 |
| FCS 6 | 40 - 72 | 08 - 10 |
| FCS 7 | 100 - 120 | 10 - 15 |
| FCS 8 | 100 - 150 | 12 - 17 |

► BATCH MIXER



Cremach paddle and ribbon mixers are dust-proof, single shaft with cylindrical mixing and heavy duty ball bearings. The mixers are designed to operate efficiently even at 50% of the load.

Cremach paddle and ribbon mixers are dust-proof, single shaft with cylindrical mixing and heavy duty ball bearings. The mixers are designed to operate efficiently even at 50% of the load. For an efficient emptying of the mixer, a full length bottom opening pneumatically operated gate is provided. A complete leak proof design makes Cremach Mixers one of the best in the industry.



Fast Mixing



Easy Parts Replacement



Heavy Body



Smart Design

| TYPE | MOTOR (HP MAX) | CAPACITY (TPH) |
|---------|----------------|----------------|
| BM 1000 | 15 | 03 - 05 |
| BM 2000 | 20 | 05 - 07 |
| BM 3000 | 30 | 08 - 10 |
| BM 4000 | 40 | 10 - 15 |
| BM 6000 | 60 | 12 - 17 |

Features of Batch Mixer:

- Optimum mixing precision and high mixing efficiency
- Large discharge gate speeds up product discharge to less than 20 seconds
- Provision for Medicine as well as Oil mixing in the same mixer
- Adjustable Paddle angle and easy to replace wearable parts in a Paddle Mixer
- High Mixing Efficiency (CV < 5%)
- Multiple Spraying Nozzle for liquid addition
- Fast & Efficient Mixing (Complete mix cycle of less than 3 minutes) with easy to clean
- The mixer is supplied along with safety switches, limit switches for gate position and air recycling channel

► OTHER MACHINES



Counter Current Cooler



Pellet Sieve



Molasses Mixer



UTTAR PRADESH

Sandila

Cattle Feed Plant
250 Tons Per Day
Single Pelletizing Line

01

TAMILNADU

Erode

Cattle / Poultry Feed Plant
1200 Tons Per Day
Four Pelletizing Lines

02



ANDHRA PRADESH

Gudiwada

Shrimp and Fish Feed Plant
100 Tons Per Day
Single Pelletizing Line

03

WEST BENGAL

Kharagpur

Poultry Feed Plant
400 Tons Per Day
Single Line Pelletizing Process

04



RAJASTHAN

Kaladera

Cattle Feed Plant
300 Tons Per Day
Double Pelletizing Line

05

► PROUD ASSOCIATES



SKM Animal Feeds and Foods (India) Ltd

MEMBER OF



- Design
- Engineering
- Manufacturing
- Feed mills
- Aqua feed plants
- Premix and concentrate plants
- Erection and commissioning
- Bulk storage and handling systems
- Silos
- Electric control and automation systems



448/1 GIDC Makarpura, Vadodara - 390 010, Gujarat, India
 +91 -0265 - 2638417/18
 info@cremach.in www.cremach.in