

**We Engineer  
Convenience  
with Perfection!**



# Manufacturing the Commitment to Quality!

Initiated in the year 2017, Admech Equipment India Pvt. Ltd. is dedicated towards serving solutions that makes seed preparatory working easy. Admech is ideally into designing, manufacturing, supplying & exporting of Seed Preparatory Section Equipment, Meal Sections, Coal Handling Machinery and various other in-process or after completion equipment.

The purpose technically lies in being able to generate the perfection, each of our industry client requires in their respective working areas. Our professional team is expert in transforming the grassroot science concepts into practical and leading zero defect technologies. The very thoughtful R&D aligns value added solutions with sustainability and caters to national as well as global industries.



# Awards & Certificates

Our Compliance to industry standards gave our work the recognition it deserved. Way to achieve more!



# Our Services

Serving right from the start to finish and beyond!

## ON SITE



Quality surveying



Safety & training



Hydraulic studies



Construction management



Quality control



Commissioning & start-up assistance

## OFF SITE

**Engineering:** End to end engineering of equipment as per the plant capacity, that adheres to various national and global regulatory standards.

**Manufacturing:** We manufacture the concerned machinery on zero defect principle which ultimately makes work easy in industries.

**Supplying:** PAN India or Export across the world, we dispatch with our most trusted and reliable transportation facilities that ensure a never-failing commitment.



# Product Range

## Seed Storage Section

GIC Silo System

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## Material Handling Equipment

Bucket Elevator

Radler Conveyor

Bulk Flow Conveyor

Belt Conveyors

## Seed Preparatory Section

Seed Cleaner

Destoner

Seed Cracker

Dehuller

Cooker

Zig Zag

Aspiration Channel

Flaker

Conditioner

Expander

Drier Cooler

Palletiser

## Meal Section

Meal Cooler

Lumps Separator

Lump Breaker

Weighing &  
Bagging Machine

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## Other Equipment

Radiator

Hydraulic Bag Stacker

Tube Finning Machine

## Coal Handling System

Grizzly Hopper

Vibro Feeder

Belt Conveyor

Reversible Impactor

Separator

Recycle Elevator

Product Elevator

Bunker

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## Spare Parts

Spares & Parts of  
all machines related  
to oil industry





# Seed Storage Section

## GIC Silo System

**Storage Capacity:** From 100 Tons upto 15000 Tons.

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Made from GI corrugated sheets.

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Sweep Auger provided for easily discharge of material from silo.

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**Aeration System:** To maintain the adequate temperature of material inside the silo.

# Seed Preparatory Section

Can be customized  
as per requirement.

Lowers the power  
consumption.

Ensures premium  
quality oil extraction

Ensures reduced  
noise level.

Higher on efficiency  
with lower  
maintenance cost.

Proven ability  
to maximize  
recovery of oil.

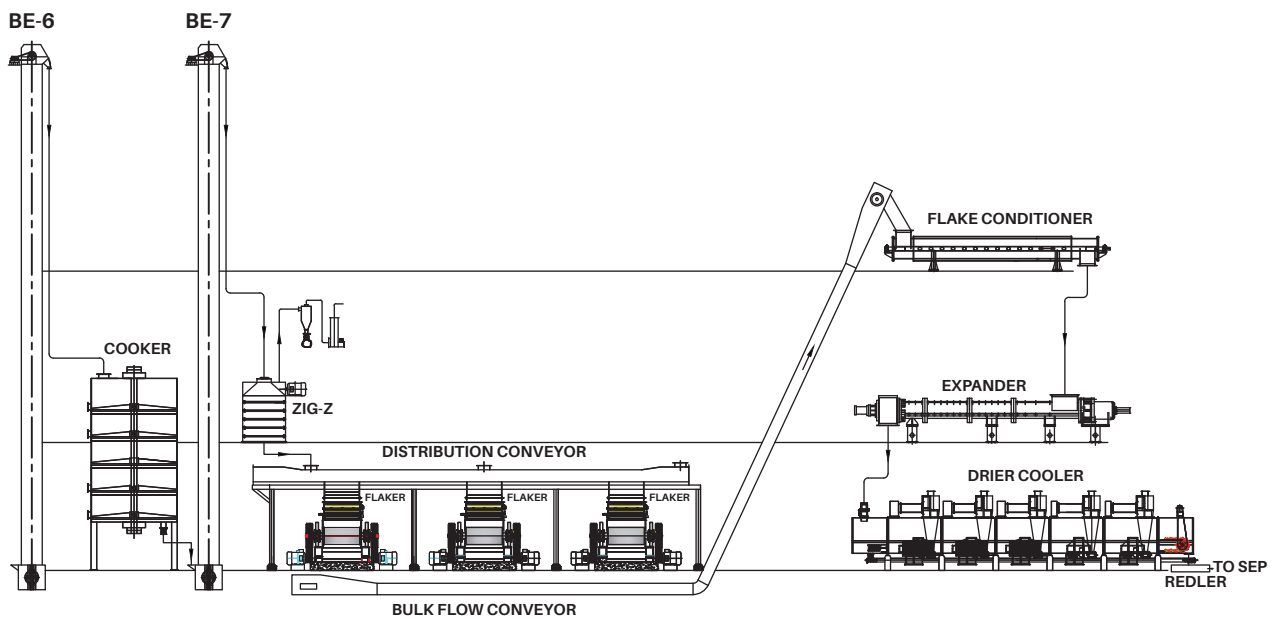
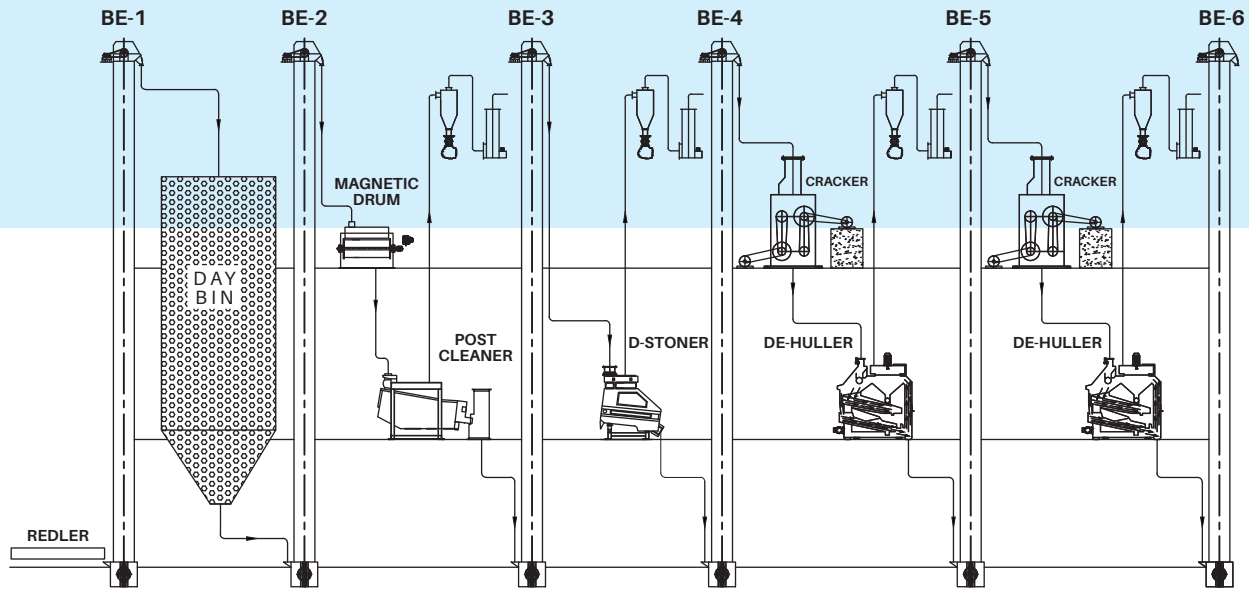
Supports high quality  
by-products

Supportive team  
makes it easy to install

Complete guidance &  
training to factory workers



# Process Flow Diagram for 500 TPD Double De-Hulling.



# Seed Preparatory Section



## Seed Cleaner

Remove the dust & foreign particles.  
Capacity upto 500 Tons.



## Seed Cracker

Cracking the oil seeds. Lower energy consumption. Regulation & adjusting system of easy access. Easy access to roll exchange. Capacity upto 500 TPD

## Cooker

Cylindrical multistage vessel in MS constructed bottom jacketed & open injection steam provision. Conditioning the Oil Seeds for Better Extraction. Lateral Heating Chambers. Adjusting Moisture Content to Optimum Level. Specially Designed Scrappers in Each Floor.



# Seed Preparatory Section



## Flaker

Unique pivoted bearing housing. Accurate consistent flaking. Longer roll life. Automatic sensitive hydraulic system. Capacity upto 400 TPD.



## Conditioner

Steam jacket along length between inlet & outlet. Designed at steam operating pressure of 10 Barg. Shaft sealing with gland packing. Open steam arrangement through spray header. To maintain the optimum temperature & moisture of material before entering it into next stage of operation.



## Expander / Extruder with Hydraulic Autorun & Squeezomatic Arrangement

Proven ability to maximize oil recovery. Increase the bulk density of material. Enhancing Hexane Percolation within the material. Squeeze partial oil from high oil content seeds like rape seed, sunflower, cotton, etc. To process castor expeller cake to convert into porous cake good for solvent plant for better recovery of oil.

# Seed Preparatory Section



## Drier Cooler

Special modular horizontal type design. Special oscillatory feeding system to evenly distribution of material all over the belt. Reduce the temperature of the cake/flakes/collets. Maintain the desired level of moisture. Evenly distributed flow of hot air & cold air. guide flaps forcing the air to pass through the pallet/cake layer



## Palletiser (For Rice Bran)

To make the pallets from conditioned bran.  
Capacity: From 50 Tons upto 150 Tons.

# Meal Section

To reduce the moisture level and temperature of meals.

To separate lumps from meals.

To break the lumps.



Meal Cooler



Lumps Separator



Lump Breaker



Weighing & Bagging Machine

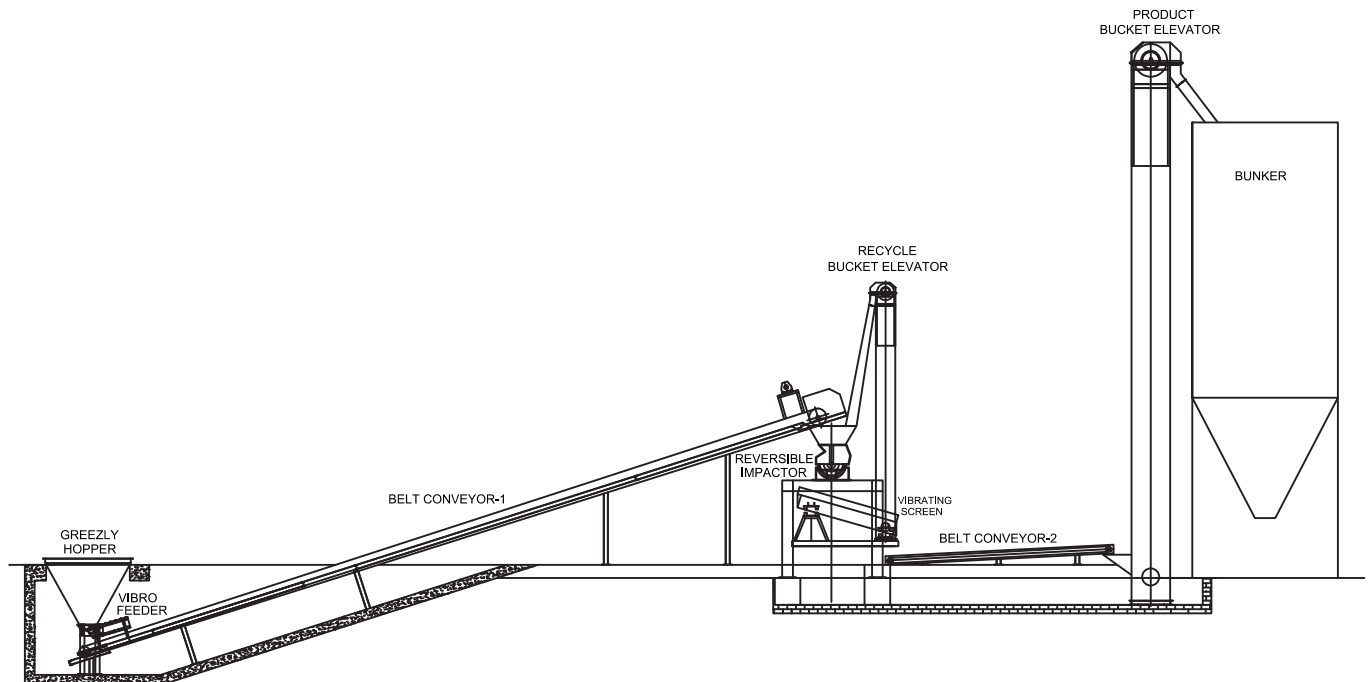
# Coal Handling System



Reversible Impactor



Separator



Coal Handling System

# Material Handling Equipment

Bucket Elevator



Radler & Bulk Flow Conveyor



Belt Conveyor

# Other Equipment



Hydraulic Bag Stacker



Radiator



Tube Finning Machine

# Spare Parts



**Worm Set of Expander**



**Die Cone Set of Expander**



**Sleeve Set of Expander**



**Bolt Set of Expander**



**Power Pack**



**Flaker Rolls**



**Cracker Rolls**



**Bearings**



**SS Mesh of Cooler**



**Pallet Cooker Chain**



**Bulkflow Chain**



**Radler Chain**

# Global Aim Global Approach!



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