



Manufacturers & Suppliers of :
Oil Mill Machinery & Spares



Cotton Seed



Sunflower Seed



Mustard



Neem Seed



Groundnut



Coconut

VIHAANAGRO ENGINEERING PRIVATE LIMITED
(INDIA)



ABOUT US

Vihaan agro Engineering is engaged in Manufacturing and marketing of Oil Milling & Refining related machinery & spare parts from its manufacturing unit located in Faridabad, NCR, INDIA. We offer complete turnkey solutions for Oil Milling & refining Industry and have a professional team of Engineers who have vast industrial experience spanning 2 decades.

Currently we are catering to Indian & African Markets and hope to expand our footprint in other markets as well. Our Edible Oil Expellers are quite popular in AFRICAN Markets and are marketed under the brand name of "VIHAAN AGRO".

OIL EXPELLERS



Expeller Sizes 44"x7" ROUND KETTLE MODEL



Expeller Size 36 "x 6.5" – ROUND GEAR BOX MODEL

Salient Features //

- Steel Fabricated Main Frame
- Faces and Bores of Body Accurately Machined on Imported German/Czechoslovakian/Russian Boring Machines for Perfect Accuracy & Alignment.
- Double Reduction Gear for smooth operations
- Mild Steel Fabricated Chamber
- Case Hardened Worum Assembly
- Sturdy Body for Hassle Free Operations
- Double Jacketed Kettle with best heating arrangements
- Tempered Gears , Steel Casted (Single Piece, Jointless) & Helical
- Main Worum Shaft removal without disturbing Gear Assembly
- All Machines fitted with Imported Ball Bearings from Reputed companies
- V-belts from best brands.
- Splash Lubrication Oil Bath System for Best Lubrication of Gear Assembly.
- Best Economy by superior designing and minimum downtime

Technical Specifications //

EXPELLER APPROXIMATE CAPACITIES AS PER THE SIZE						
Type of Machine/ Seed Type	Mustard/ Sunflower (Tons) / 24 Hrs.	Castor/ Jatropha (Tons) / 24 Hrs.	Cotton Seed (Tons) / 24 Hrs.	Ground Nut (Tons) / 24 Hrs.	Palm Kernels (Tons) / 24 Hrs.	Power Requirement (H.P.)
24" x 4"	1	1	1	1	1	12.5
27" x 5"	3	4	3	3	3	15-20
33" x 6"	10	10	7	8	8	30-40
36" x 6½"	12	14	10	10	10	40-50
44" x 7"	15	32	14	14	14	50
55" x 11" x 9"	30	40	20	25	25	60

FILTER PRESS

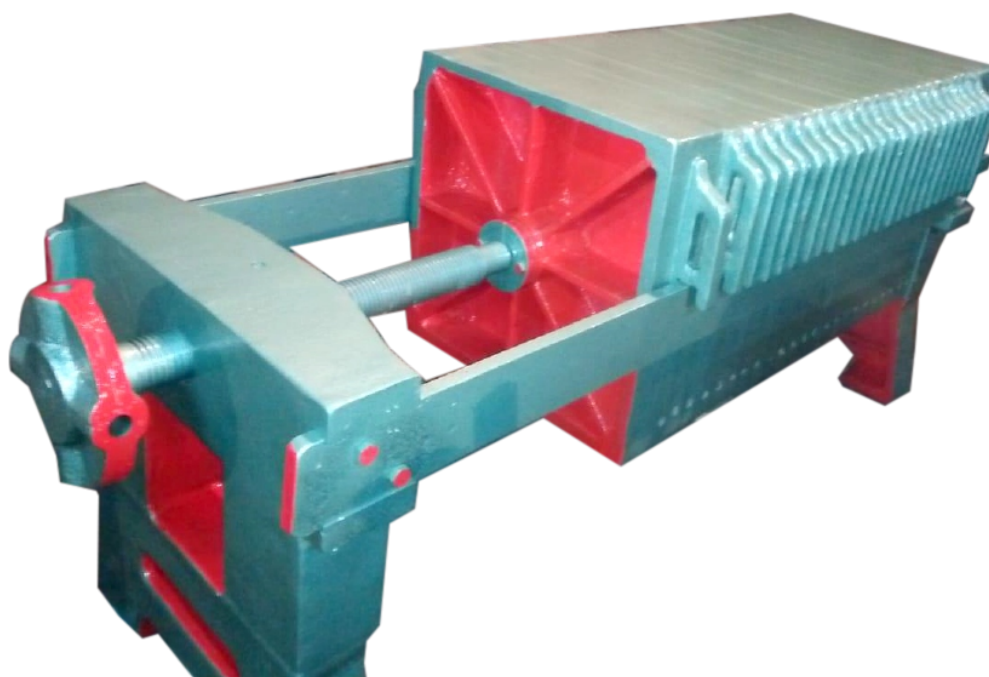


PLATE & PLATE MODEL TYPE OF FILTER PRESS (24 Plates x 24")

CONVEYOR SYSTEMS

The range of Screw Conveyor & Redler offered by us finds functionality in carrying of seeds & cakes to various machines for processing as well as carrying the finished products to the godowns, thereby reducing the manpower requirement.

SCREW CONVEYORS //



REDLER CONVEYORS //



ELEVATOR SYSTEMS

Elevators are available in any height complete with top bottom and intermediate casing. The frame is made of Mild Steel Sheet made rigid by angle Steel Roller Type chain fitted with seamless pressed steel Buckets cast Iron sprocket wheels are mounted on shaft supported by double row self - aligning Ball bearings. The take-up arrangement is at bottom for easy erection and correct tensioning of the chain. The buckets are spaced at suitable distance. The top shaft is extended for drive purpose.



BUCKET ELEVATOR

BOILERS



HORIZONTAL BOILER MODEL ECOSTAT

Salient Features //

- Genuine Three - pass Horizontal design
- Higher water hold-up capacity
- Wet-back type
- Liberal Grate area
- Lower flue gas-side resistance, Lower power consumption
- Lower thermal stresses, longer life of
- Generous heating surfaces ensure lowest stack temperature
- Unmatched Steam quality with integral steam drier
- Ready for peak demand and for fluctuating load demands
- Large furnace volume for complete combustion of fuels
- Easy maintenance and service
- Skid for feed water pump, platform, DC, ladder, ID fan , hence no excess site work required

SPARE PARTS

Vihaanagro Expellers are designed & manufactured to deliver utmost performance and efficiency. Each part has precise tolerance and specifications. Over a precise of time period after continues operation, the parts get worn out resulting loss in production and residuals. For our equipment's buy only genuine spares from the company, as for imitation parts are made by those companies who do not know how those parts work and what are their tolerances. We manufacture the replacement parts tailored to fit your productivity needs. Genuine spares will protect your original equipment's and ensure peak performance and increased through put.



BEVEL GEARS



CROWN GEAR SET



CHAMBER 44x7



BEVEL PINION



GEAR PINION



FRAME BAR



WORM ASSEMBLY



CHAMBER TIE RODS



DRIVING SIDE SHAFTS



CONE BUSH



SPACING COLLARS



CONE RINGS



CONE



VIHAAN AGRO

VIHAANAGRO ENGINEERING PRIVATE LIMITED

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