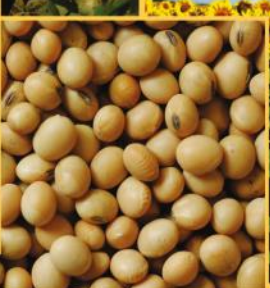
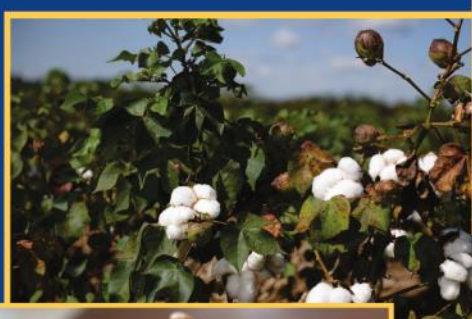




S. R. STEEL INDUSTRIES



OIL EXPELLER



The body and bed of expeller are made of steel.

1) Steel hardened gears are fitted in a gear-box which runs in lubrication oil. The oil seals are given so that not a single drop of oil is leaked.

2) The final pressure of the cake is controlled by the pressure con which is adjusted by the simple movement o lever. The adjustment is simple and can be performed within few seconds.

3) The steam kettle is of adequate cooking capacity. There is also provision to prevent overflowing of seeds in to the chamber, by self

controlling meal inlet. It is beautifully fitted with damping apparatus , safely valve, steam pressure gauge, condensate drain with efficient steam straps and steam valves.

4) For driving SR Steel expeller power varies from 30 to 40 H.P. depending upon the variety and quality of cotton seed, ground-nut, neem seeds, copra and all other oil bearing seeds.

5) The entire gears run in self lubricated from worm reduction unit and in oil bath. All gears are miling cut and well hardened.

6) The withdrawal of main shaft is very easy without disturbing or withdrawing gear unit in the least. The pressure Worms and collars can be changed without disturbing or withdrawing the shaft.

7) The normal capacity of "SR Steel" expeller varies from 8 to 9 tonnes (whole cotton-seed) Average production of crushing with normal cotton seed

- I) 33 X 6" about 8 to 10 Tons (Thickness of cake $\frac{1}{2}$ " to $\frac{3}{4}$ ")
- II) 36 X 6 $\frac{1}{2}$ " about 11 to 12 Tons (Thickness of cake $\frac{1}{2}$ " to $\frac{3}{4}$ ")
- III) 36 X 7" about 12 to 13 Tons (Thickness of cake $\frac{1}{2}$ " to $\frac{3}{4}$ ")

REDLER CONVEYOR

SR Steel conveyors allow bulk materials to be moved smoothly and economically. Materials are handled gently, creating a fluid conveyor system which can move horizontally, vertically and around bends. There are many benefits of using Redler En-Masse conveyor systems, including:

automatic feeding at any point on the conveyor system

feeding is uniform and completely accurate

materials are handled as solid columns

there are no internal disturbances or pressure on materials

loads can be discharged at any opening.

Redler conveyor systems are specifically designed to aid in material handling. This allows for reliable conveyor systems which yield excellent results.



SCREW CONVEYOR

Made from superior grade steel, these Screw Conveyors are offered at competitive rates. These are extensively utilized for moving metal trolleys from one level to another, these are precision engineered to make them simple to install and easy to operate & maintain. We also custom produce this conveyor as per the specific requirements of our clients.



The salient features are as follow:

- Simple in use
- Maintenance free
- Low operational cost
- High performance
- Corrosion resistance
- Easy in installing

Our screw conveyors find their application in various industries such as sugar, Cement, Fertilizer Chemical, Food, Agro and Mining Industry. We offer these conveyors in a variety of sizes in order to fit almost all types of applications.

BUCKET ELEVATOR

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.

Chain-Buckets elevators are available in following sizes.

Chain No.	Bucket	Casing Size
578 Malleable	6"x4"x $\frac{3}{4}$ "	13x26
		15x33
578 Steel Roller Type	8"x5"x $\frac{1}{2}$ "	18x36

The above Elevators can transport $\frac{1}{2}$ ton to 8 tons of material per hour depending upon size of buckets, speed of elevator and type of material being handled.



OIL TANK

We offer quality Oil Storage Tank which are used in diverse industries for various applications. These Industrial Tank are available in different shapes and sizes as per the specifications given by the client. Offered at competitive prices.

These Tank follow the most contemporary in industry laid norms. To cater to the increasing needs of commendable clients.

Features:
Precisely design
High tensile strength
Accurate dimension



This is most type Neutralizer based on sharpal U.S.A. design

Steam Jacket in Conical Bottom.

Steam coil heavy duty c. class TATA pipe's tested by 100 P.S.I. hydraulic pressure

Latest propeller type agitator

Chemical caustic soda with spray umbrella

Hot water coils

All coils are well combined with 3 stay ribbon



OIL NEUTRALIZER

Fitted with bevel and pinion shaft and bearing pedestal

This is the most improve design model which save the losses in process, less caustic soda and improve oil color and quality by minimum use of caustic soda.

COTTON SEED CLEANER

Six cone type with air blower air nozzle Seed Cleaner.

This is latest type of seed cleaner based on carver U.S.A. model, which separates cotton balls, stones, dust and iron pices, resultin following advantages.



1) Cake colour is improve

2) Removal of cotton balls which save oil losses in neutralizer

3) Remove cotton loose lint, attached dust, in result quality of oil and cake improves

4) Stop the damage to worms, cones asembly and cage bar in expeller chamber

5) Seed cleaner is fitted with heavy duty magnet which catch up iron balls, nuts and bolts etc.

6) Seed cleaner is fitted with solid 2 1/2" shaft with heavy duty ball bearing and pedestal

COTTON SEED BATCH TYPE DRYER



Features:

Suitable for cotton seed oil mills
Continuous automatic operation
Auto temperature controlling system
Suitable for online crushing of cotton seed from ginning

Uniform & Gentle drying hence material is not deteriorated

High energy efficient, Low power demand, Closed operation

Running cast Rs.20/quantal approx

Available in 4ton/90 min. capacity

Power Conjunction by 15hp to 30hp

Electric Motors at blower as per Plant capacity.

Labor requirements one shift: 2

Batch Type Dryer Useable by Cotton Seed, Soya Seed, Sunflower Seed, Tur, Tur Dal & all Pulses.

OIL MILL BATCH TYPE DRYER

DAL MILL BATCH TYPE DRYER

All commodities online dryers

launching in one year.

COMPLIT OIL MILL MACHINERY PLANT



Available in Round Kettle and Long Kettle

Crushing Capacity : 7 to 250 tons oil seeds in 24 hours.

Output : As per Seed Quality.

Suitability : For crushing groundnut, sesame, cottonseed, mustard, rapeseed, linseed, copra, castor seed, palm kernel, sunflower, sea nut, Jatropha, Neem seed, Pongomia, Karite, Canola etc.

Power : 3-phase, is required.

Man power : 2 persons can operate entire plant.

Space required :- As per Plant Capacity.

Shipment volume :- 6 cubic meter (Approx.)

Weight of machinery :- As per Capacity

COTTON SEED FEEDER (HARD BOX)

This dispensing system is used to store and dispense the cotton seed to oil mill as per rate of cotton seed consumption by oil mill and it eliminates labors for cotton seed feeding for oil mill. It is available in different storage capacity as per customer need.



Capacity: 7 to 250 tpd online.

Used: online oil mill plant, Soya Solvent & Dal Mill Used.

Man Power: No.

Power Conjunction: 1hp to 5hp 3 phase.

Feeding by Elevator & Tractor Feeding.

Feeder Capacity: 5 tone to 40 tone.

Capacity Controlling by VFD Starter use

About Us

We Manufacture and Export Oil Mill Machinery and Equipments under stringent quality measures and strict specifications provided by our customers. Our product range includes Oil Expeller / Oil Press, Seed Preparatory Equipments, Steam Boiler, Oil Neutralizer, Material Handling Equipments. We are known for manufacturing high quality products that are built to achieve high levels of performance. Our objective is to deliver flawless product and provide complete customer satisfaction.

Thriving on industry expertise and technical excellence, we have carved a niche in the world market, as we offer best industrial expeller machine.

Quality Policy

our all products are as per International Standard. our products are high efficiency & production in less power consumption, smooth running/working of the machines without any trouble, low maintenance, which is our motto to serve our valued patrons by offering quality machines and then most efficient after sale service.

Our Mission

We aim to design and build products that are not only world class but also offer them at a competitive price.

We focus on providing our clients complete customer satisfaction in terms of competitive prices for our various products, including quality, timely delivery and after sales services.

Oil Expeller
 Redler Conveyor
 Screw Conveyor
 Bulk Flow Conveyor
 Belt Conveyor
 Bucket Elevator
 Oil Tank Central & Square
 Oil Neutralizer
 Cotton Seed Cleaner
 Batch Type Dryer
 Complete Oil Mill Machinery Plant
 Industrial Oil Pipe line work by MS & SS
 Cotton Seed Feeder (Hard Box)
 Cottonseed Silo
 Help to Set New Oil Mill and Ginning Plant
 Complete Oil mill plant Erection and
 Commissioning

DIAGRAM DETAILS

- 01) Tractor/Loder with Attachment
- 02) Cotton Seed Feeder
- 03) Main Cotton Seed Feeder Redlarr
Coneyor
- 04) Cotton Seed Return Redlarr Bagda
(Gihisi)
- 05) Cotton Seed Cake Redlarr
Conveyor
- 06) Oil Expellers Section
- 07) Oil Neutralizer
- 08) Crude Oil Tank
- 09) Wash Oil Tank B
- 10) Bag Clozar "Y" Slope



**S. R. STEEL
INDUSTRIES**

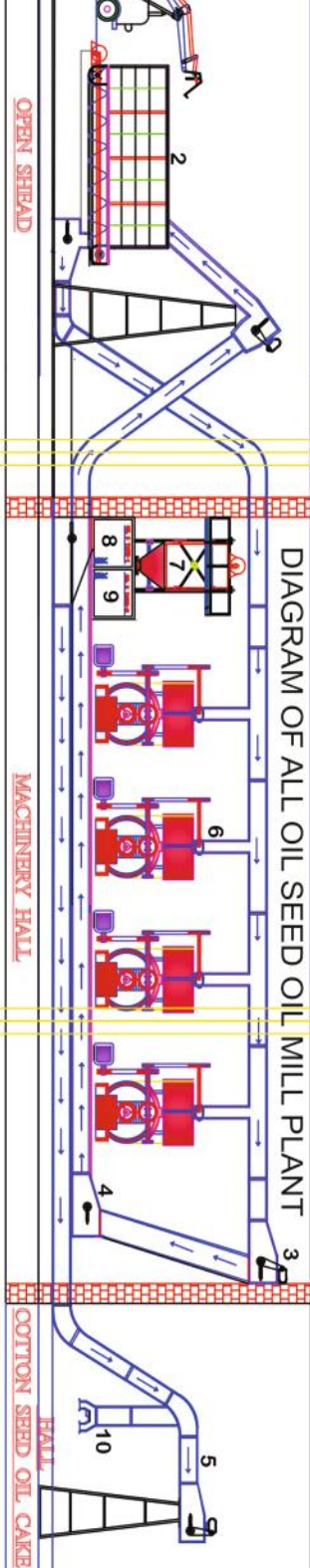
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Ward No. 1, Shivani, Akola.

📍 Plot No. Tm58, TPNagar,
MIDC-III, Akola - 444001 (M.S.).





GEARED MOTORS · GEARBOXES · G



Deap Tagari



OIL MILL SPARE PART



S. R. STEEL
INDUSTRIES



Smart solutions
Strong relationships.

COTTON SEED ONLAIN FIDAR (HOD BOX)



COTTON SEED ONLAIN DRAYAR

