

PRAGYA PRECISION EQUIPMENT PVT. LTD.

Add. - 97, Jay Jagat Nagar, Indore | Contact : +91 98260 47777
 Website : www.pragyaindia.com | Email - pragya@pragyaindia.com

The Pragma Precision Equipment Pvt. Ltd. is a pragma group Established in 1992 by ER.L.C. Tolani
 We are the Manufacturer & Exporter of Solvent Extraction Plant Equipment



EXPANDER/ EXTRUDER



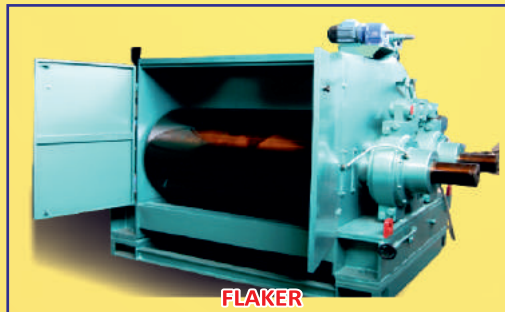
HYDRAULIC AUTORUN



CONTAINER TILTER



CRACKER



FLAKER



DRIER COOLER



HYDRAULIC BAG STACKER



HYDRAULIC POWER PACK & CYLINDER



L TYPE ALL ALUMINIUM FIN

- PRAGYA Introduce L Type straight for Radiators for the benefits like
- To prevent chocking
- Aluminium fins to prevent Rusting and more efficient heat transfer



SCREW CONVEYOR



Shri Lakhmichand Tolani of Pragma Group of Industries Received "NATIONAL AWARD" For Outstanding SSI Entrepreneur from Honorable Prime Minister Shri A. B. Bajpai on 30.08.2000 at Vigyan Bhawan, New Delhi



DR. S. VENUGOPALCHARI, MINISTER OF STATE FOR AGRICULTURE (GOVT. OF INDIA) PRESENTED "BHARAT VIKAS AWARD" TO MR. L.C. TELANI, (CHAIRMAN OF PRAGYA GROUP) ON 23.09.97 AT NEW DELHI.



EXPANDER/EXTRUDER



INTRODUCTION

Pragya Make Expander/Extruder is a special device fitted with Unique Innovative Hydraulic AutoRun and Adiabatic Accumulator

APPLICATION

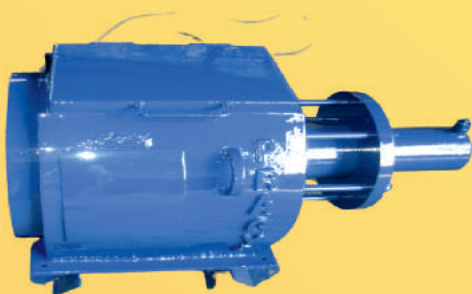
It's used in vegetable oil plants to increase density and porosity of flakes/cakes to increase the capacity and performance of Solvent Extraction Plant

CAPACITY

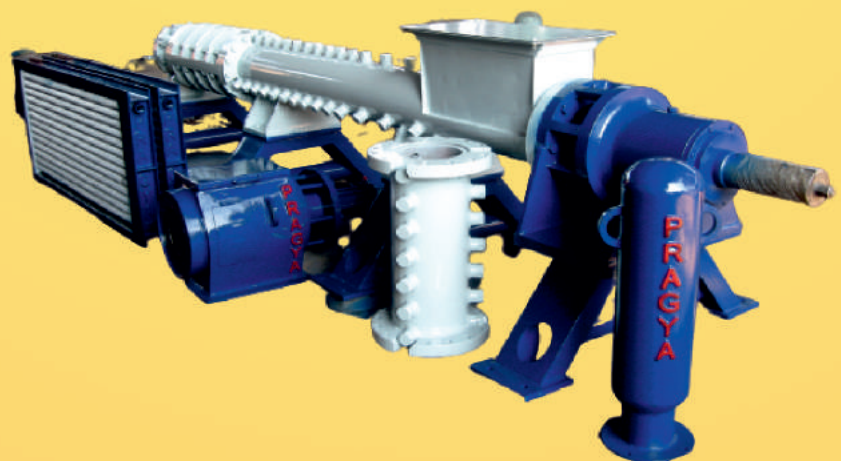
It's available in capacity from 2 TPH To 50 TPH

CONSTRUCTION

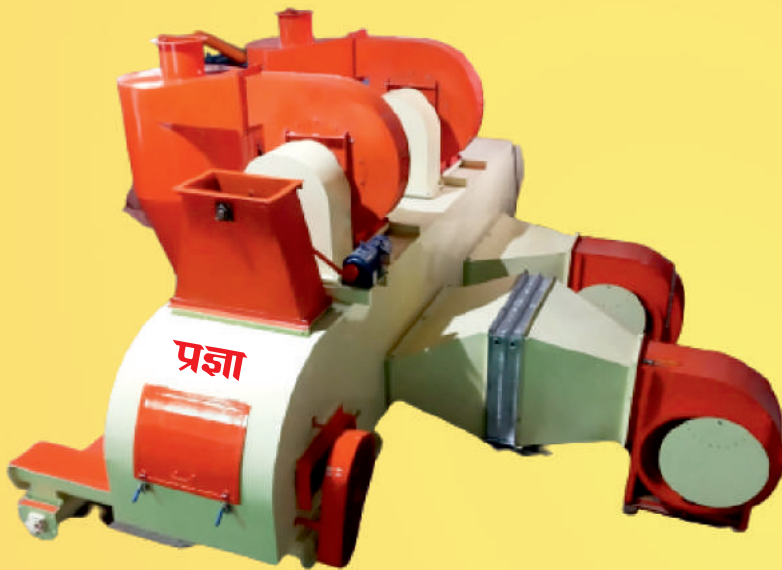
It's Constructed using special grade steel Heat treated worms and Scraper Bolts and Steam Bolts



Special Die Cone For
Auto Run With Collet Output



DRIER COOLER/MEAL COOLER



INTRODUCTION

Purpose of the Drier cooler is to cool the flakes/expander cake. IT is assembled with FD ID Blowers, Radiators, Cyclone, and Rotary Valve. The pressurised air produced by FD blower passes through radiators and move inside the drier cooler. Material moves from inlet to outlet with the help of Chain Sprocket and SS Perforated trays.



Blower



SS Perforated Tray



Doc

CAPACITY

100 TPD to 1500 TPD Reduce the moisture by 2- 3%.

CONSTRUCTION

Modular horizontal type Single/Double pass chain conveyor type. Drive through Motors and Gearbox.

Size: It is depend on the capacity of the drier cooler.

Width : 600 mm to 1800mm

Height: 1000mm to 1500mm

Length: 6000mm to 18000mm



Meal Cooler



Blower



Radiator



CRACKER MACHINE

INTRODUCTION

Purpose of the crackers- is used to break stock (soybeans etc.) into smaller pieces. They are used extensively in the oil seed industry in a process step known as 'cracking'.

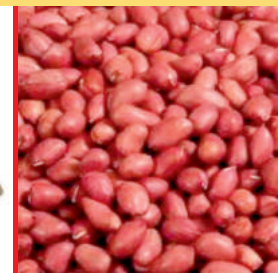


CONSTRUCTION

Chilled cast rolls of varying diameters and each roll has a grooved pattern. It is fixed in a set of 2 rolls. Two rolls in top and two in bottom with difference groove pattern. A feeder is used to spread the feed uniformly across the rolls, this ensures the cracker is operating at maximum capacity and also promotes even wear across the rolls.

SPECIFICATION

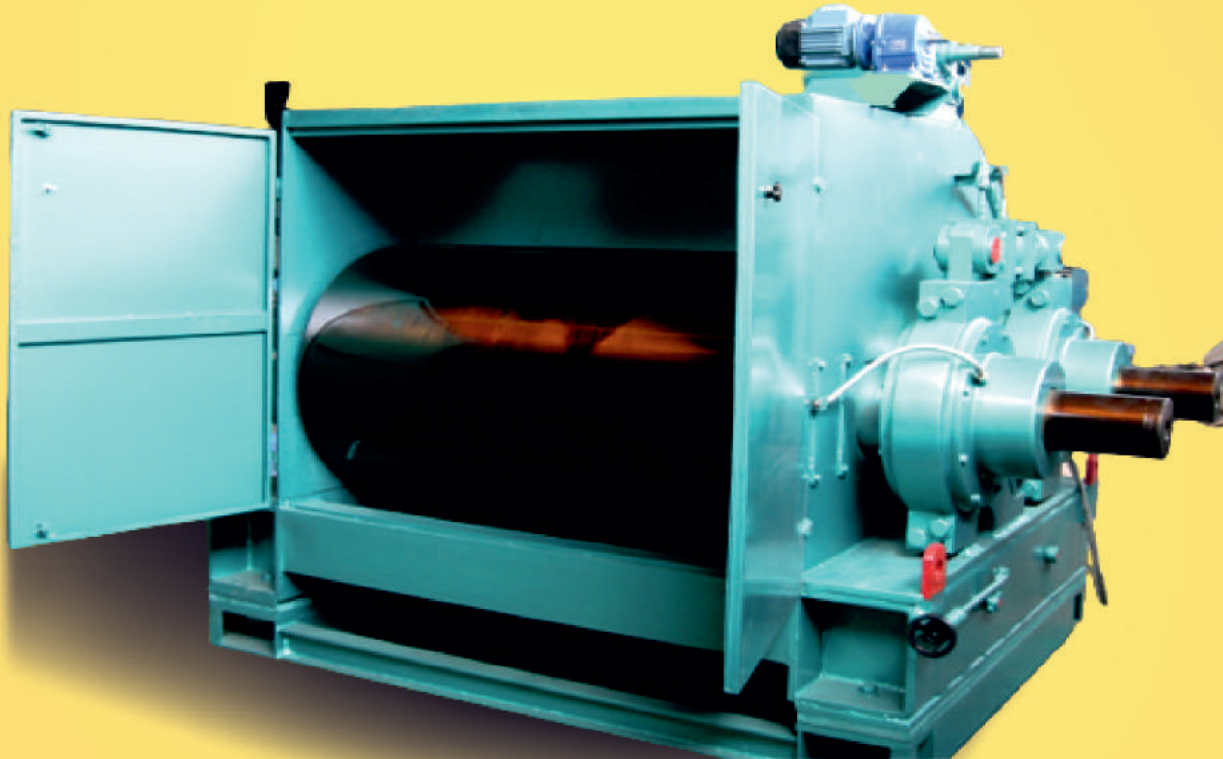
- Capacity: 10 to 500 Tonnes / Day
- Rolls Material : Chilled Cast Iron
- Design : Grooved & Balanced
- Quantity : 2 Pairs
- Magnet Plates: Provided to Safeguard the Rolls
- Inspection Glass Window • To See the Flow of Material



FLAKER MACHINE

INTRODUCTION

Purpose of the flaker machine is to reduce the thickness of the cracked seed with the help of rolls.



APPLICATION & ITS CONSTRUCTION

The flaker itself consists of a single pair of smooth rolls with a small operational clearance between the two. The cracks enter the flaker from a feed hopper; they then pass between the flaker mill rolls where they are pressed flat. This process is known as flaking. For soybeans, this is the final preparation stage prior to solvent extraction. It should be noted that the rolls have an operational clearance, but are mounted with no clearance at all. Ideally, the flakes should have a thickness of between 0.25mm and 0.40mm, but the exact thickness depends upon the type of extractor used.

SPECIFICATION

- * Capacity: 10 to 400 Tonnes / Day
- * Magnet Plates: Provided to Safeguard the Rolls



HYDRAULIC BAG STACKER

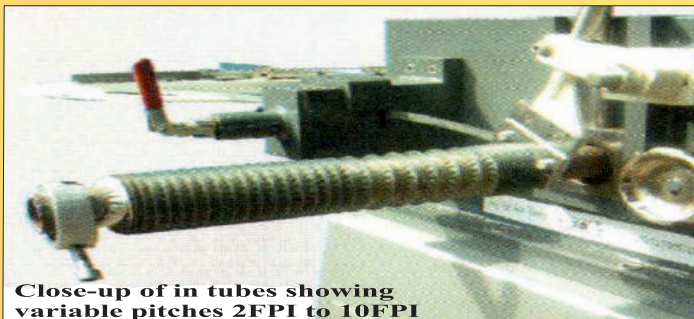
INTRODUCTION

we have pioneered in design and have developed innovative hydraulic bag stacker, Its capacity is 25 to 100 TPH and it can help in stacking bags in godown up to 25 feet high. This is a light weight portable belt conveyor which moves up & down with telescopic hydraulic cylinder. This also help in loading the the trucks at very high speed & specially when the railwayrackisto be loaded.

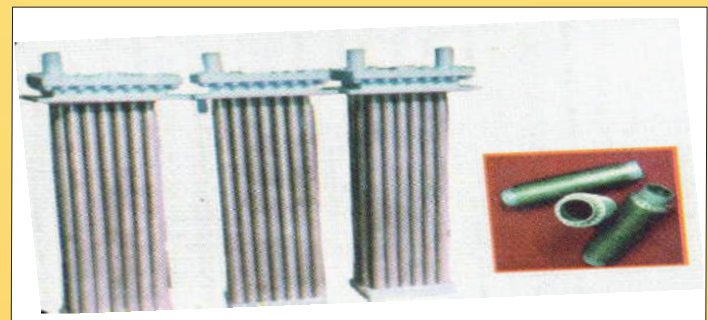


Screw Conveyor

TUBE FINNING MACHINE & FIN TUBE RADIATORS



Close-up of in tubes showing variable pitches 2FPI to 10FPI



OUR MAJOR CLIENTS FROM SOLVENT EXTRACTION INDUSTRIES



Kosha Metal Tehran ,Iran	Indian Soya Industries	Noble Grain India Pvt Ltd.	K. K. Protein Pvt Ltd.
Mathura Extraction	Radha Krishna Extraction	Sharda Solvent Ltd.	Sneha Foods & Feeds
Suneed Oil, Malavi	Suruchi Foods Pvt Ltd.	Swadist Oil Pvt Ltd.	Mentora Oil Products
Agro Solvent Pvt Ltd.	Durga Shakti Foods Ltd.	Murliwala Agrotech P Ltd.	Shrinivasa Agro Foods
Continental Milkosh India	Midex Global Pvt Ltd.	Shrinivasa Soya Products	Indo Prosoya Foods P Ltd.
Narmada Solvex P Ltd.	Kanpur Edible Pvt Ltd.	Mectech Process Engg.	Bansal Solvent Pvt Ltd.
Deegee Orchades Ltd.	Itarsi Oils & Flours Ltd.	Oilex Engg. India P Ltd.	Khandwa Oil
Bhaskar Exoils Ltd.	Kirti Agro Tech Ltd.	MP Agro Foods Ind Ltd.	Omsfree Agro Foods Ltd.
Shri Siddhi Rameshwar	MP Glychem Ind Ltd.	Suman Syndets (Export)	Bharti Extraction P Ltd.
Shiv Shakti Extraction	Maharastra Oil Extract.	Malwa Vanaspati & Ch.	Maharastra Solvent
Khalsa Overseas Ltd.	Kamal Solvent Extrac. Ltd.	Mavan Fats & Protine	Param Industries Ltd.
Narsingh Extraction Ltd.	General Foods Ltd.	Dewas Soya Indus. Ltd.	Deesan Agro Tech Ltd.
N K Industries Ltd.	Nav Intel Floods Pvt Ltd.	Sharda Solvent Ltd.	Divya Jyoti Ltd.
Onovcon Industries	Ambika Solvex Pvt Ltd.	Sanwaria Agro Oils Ltd.	Abis Export
Khandesh Extraction Ltd.	Nav Maharashtra Oil	Sai Simran Foods Ltd.	Bunge India Pvt Ltd.
Amrit Banaspati Co. Ltd.	ALH Babangida, Nigeria	Sritech Engineers	Sneha Foods & Feeds Ltd.
Seeta Shri Food Production	Shiva Parvati Poultry	Shiv Shakti Extraction	Rohit Extraction



PRAGYA PRECISION EQUIPMENT PVT. LTD.

LICENCE MANUFACTURER OF PRAGYA GROUP PRODUCT WITHIN THEIR DESIGN, TECHNICAL AND MARKETING SUPPORT

Dedicated to Oil & Oil Seeds Industries for last 29 years

Preparatory Machine

Flakers-

50 to 400TPD with Upgraded Technology

Crackers-

200 to 500TPD with Upgraded Technology

Expanders / Extruders-

latest Designed for 200 to 1250TPD with highly sensitive hydraulic Autorun and Adiabatic Accumulator.

Drier Cooler / Meal Cooler-

Hot & Cold air Drier Cooler for Soya & other seeds as well as DOC from 200 TPD to 1200TPD.

Seed Cleaner-

200 to 500 TPD

Hydraulic Power Packs-

For all Flakers, Expanders, Presses etc. along with hydraulic adiabatic accumulator machine's safety.

Finned Tube Heat Exchanger Modular Design-

Specialized for any capacity from 20M² Area to 200M² Area for required pressure. Easy to replace and clean the module.

Condensers & Heat Exchangers-

Floating head type shell & tube type two pass / four pass in M.S. / S.S. & S.S. / S.S. Surface Area 10M² to 600M² Evaporators & Economizers from 20M² to 350M² Surface Area.

Hydraulic Bag Stacker / Loader / Belt Conveyors-

This is our latest development, The capacity is upto 100 TPH. very useful for stackin DOC bags up to 8 Mtrs. height & also useful for loading trucks. The belt stackers works by either geared motor for hydraulic pump. This is portable too.

Website: www.pragyaindia.com