



COMPLETE SOLUTIONS FOR SEEDS AND GRAINS

- ✓ GRADING
- ✓ PACKING
- ✓ HANDLING



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For Any Query Contact

SNG Technologies

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Company Profile

We “**SNG TECHNOLOGIES**”, are engaged in Designing and **Manufacturing** of best quality **Fruit Sorting-Grading Machine, Grain sorting-grading machines, Industrial Conveyor, Material Handling Equipments, Grain/Seed dryers, Food processing machines and special purpose machines**. The products provided by us are fabricated with the usage of optimum quality components and ultra-modern technology in tandem with the industry quality standards at our pioneering production unit. These products are provided in numerous models and technical specifications to meet the voluminous requirements of the customers. Additionally, our offered products are highly admired among our patrons owing to their remarkable attributes such as impeccable functionality, hassle free performance, long service life, rust proof body, rugged construction, maintenance free, low power consumption, excellent efficiency, etc.

We have established a state-of-the-art and pioneering infrastructural unit that disperses over a vast area. Our infrastructure unit is segmented into enormous functional-departments like production department, quality control department, research & development department, procurement unit and logistic unit in order to have smooth and flawless business processes.

Our production unit is outfitted with sophisticated machines, tools and equipment in order to deliver excellent quality products at users' premises. Our organization is backed by a team of dexterous and hard-working professionals, who are well-versed with vast experience and knowledge in their relevant domain. Owing to quality oriented enterprise, our quality analyst meticulously verifies these products against various measures to assure their long service life.

Vission and Mission

SNG Technologies is dedicated to the Indian Agricultural and Food Processing Industry. Involved in designing and manufacturing of implements and machines for pre harvest as well as post-harvest processes of agricultural and horticultural commodities. Also involved in manufacturing of food processing equipments.

Contribute to the development of innovative solutions in the field of post-harvest handlings (sorting-cleaning-grading-packing) of fruits and vegetables and also for cereals, pulses, oilseeds etc.

Providing economic and effective solutions to the farmers and exporters of agricultural and horticultural produces to get the best of the value of their commodities.

Providing efficient designs and solutions for micro level farmers as well as big export houses, from small individual machines to specialized projects.

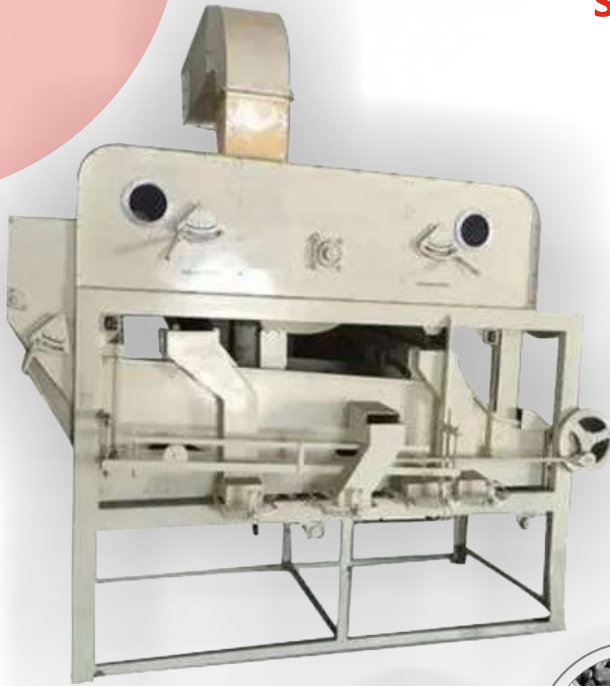


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SEED/GRAIN PRE CLEANER



Vibration based cleaning machine for all types of seeds/grains to remove the dust and large impurities from the produce. It also have a **dust removal system that blows the grain through a stream of air and removes the fine impurities**. The airflow is adjusted to blow away the lighter impurities, such as dust and dirt, while leaving the heavier grain behind.

Screening action also helps to separate the foreign particles form the produce.

Capacity ranges from 1 tph to 20 tph (input capacity, based on wheat)



SEED/GRAIN GRADER

A grain grader is responsible for grading, sorting, and distributing grain, such as wheat, oil seeds, pulses and others. Grain graders examine representative samples of all grain deliveries to determine their quality and assign a grade designation, which indicates its quality and determines its market value.

The produce is graded according to their sizes through a series of perforated screens. An air aspiration system also helps for removing the lighter impurities from the produce.

Capacity ranges from 1 tph to 20 tph (input capacity, based on wheat)



GRAVITY SEPERATOR

A gravity separator, also known as a gravity table, air table, or density separator, is a dry separation equipment that separates dry materials into different particles based on their density, size, or shape. Gravity separators are used to separate products of the same size but with different specific weights, such as kernels and granular products. They can also be used to separate waste plastics based on density differences.

Capacity ranges from 1 tph to 10 tph (input capacity, based on wheat)



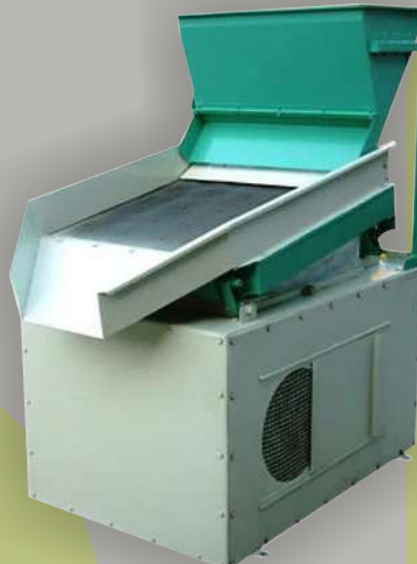
DESTONER

A destoner is a machine that removes heavy impurities like stones, glass, and metals from a product stream or flow. It can also separate granular material into two fractions based on weight. Destoners use a vibrating deck and a fluidized bed of air to move heavier materials uphill, separating the products into light and heavy materials. The basic principle involves flowing dry granular material over an inclined, vibrating, screen covered deck. Air from pressure fans in the base is forced up through the deck, vertically separating or stratifying the material. The lighter material in the upper strata flows down the deck.

Capacity ranges from 1 tph to 10 tph (input capacity, based on wheat)



Destoner Negative Type



Destoner Positive Type

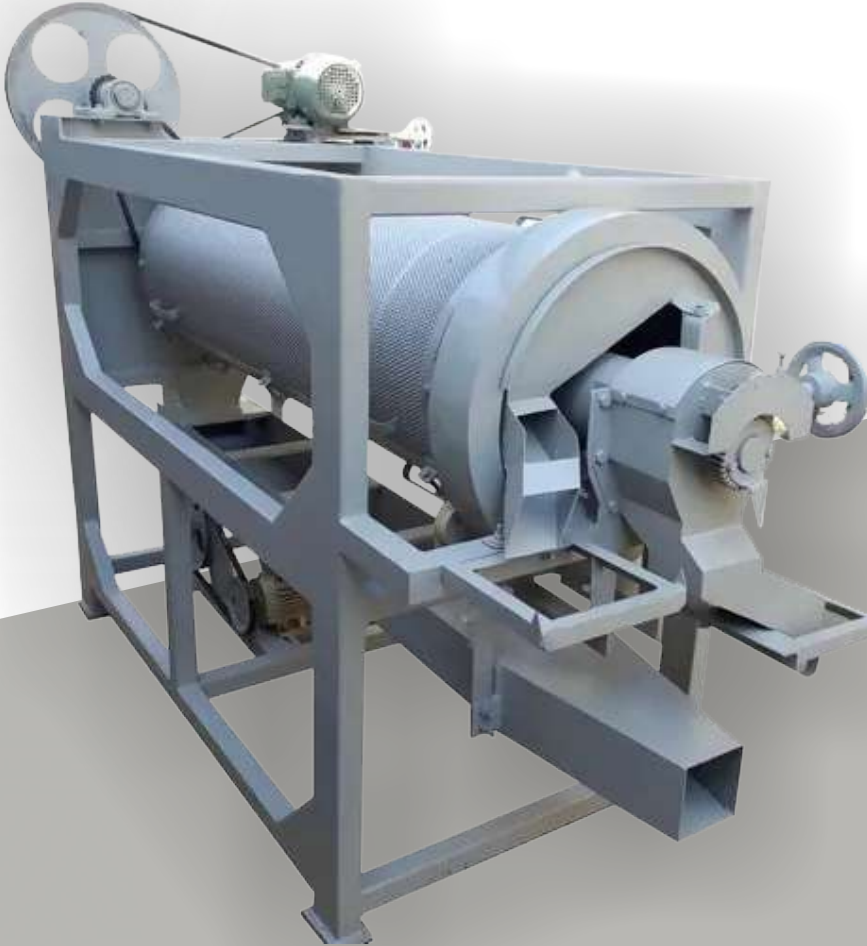


INDENTED CYLINDER

An indented cylinder is a machine used to grade the length of granular materials and remove unwanted short or long admixtures. It consists of a rotating cylinder with a cover that has deep-drawn teardrop or spherical-shaped pockets.

The product passes from the inlet housing into the cylinder. The indented cylinder machine utilizes the forces of gravity and centrifugal force in its operation. The particles to be removed from the mass are loaded into the indents by a combination of gravity and centrifugal force.

Capacity ranges from 1 tph to 10 tph (input capacity, based on wheat)



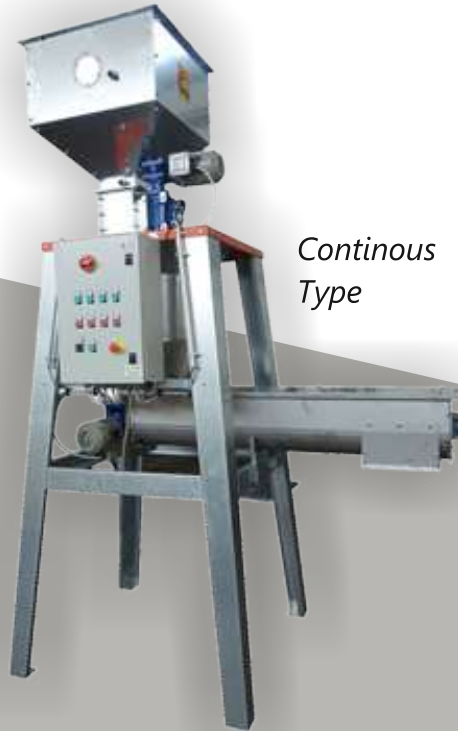
SEED TREATMENT AND COATING MACHINE

The seed treater or coating machine is designed for the application of coating value added seeds with costly seed treating materials. The system can be a continuous or a batch operation utilizing a highly accurate electronic scale together with a highly accurate chemical dosing system.

Capacity ranges from 1 tph to 15 tph (input capacity, based on wheat)



Batch type



Continuous Type

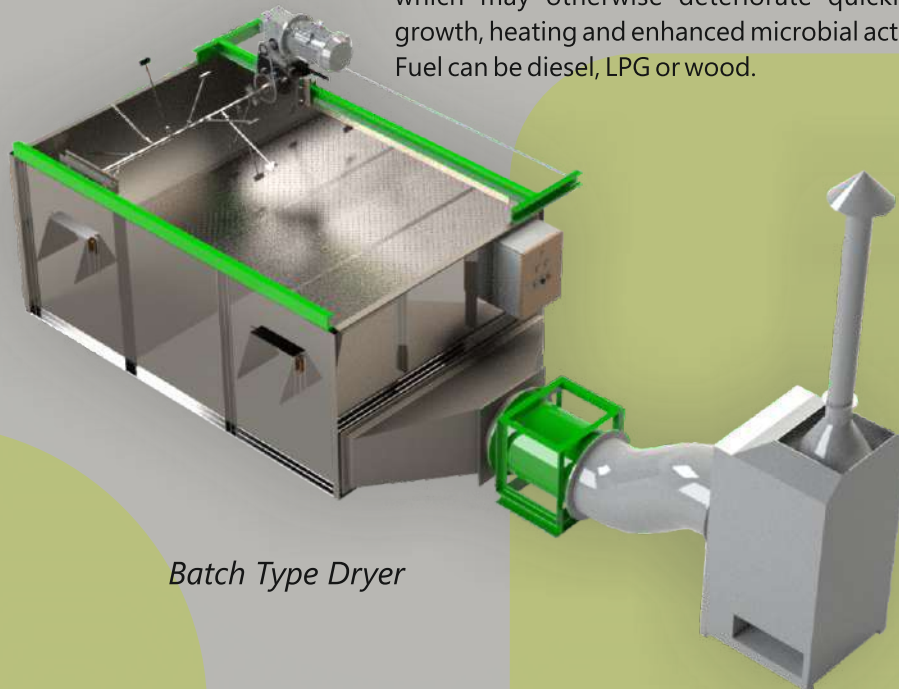


*Seed Treater
Manual Model*

SEED/GRAIN DRYER

The process of elimination of moisture from the seed is called drying. Seed drying should reduce the seed moisture content to safe moisture limits to maintain its viability and during storage, which may otherwise deteriorate quickly owing to mold growth, heating and enhanced microbial activity.

Fuel can be diesel, LPG or wood.



Batch Type Dryer



SEED/GRAIN DRYER



Recirculatory type dryer

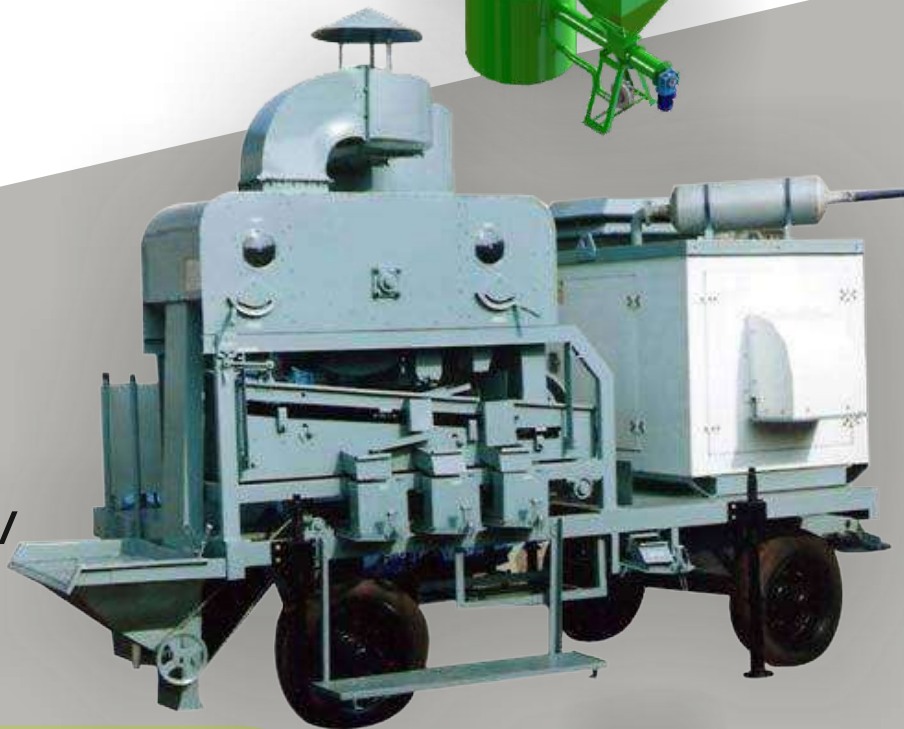
Capacity ranges

from 1 tpb to 8 tpb

(input capacity, based on wheat)

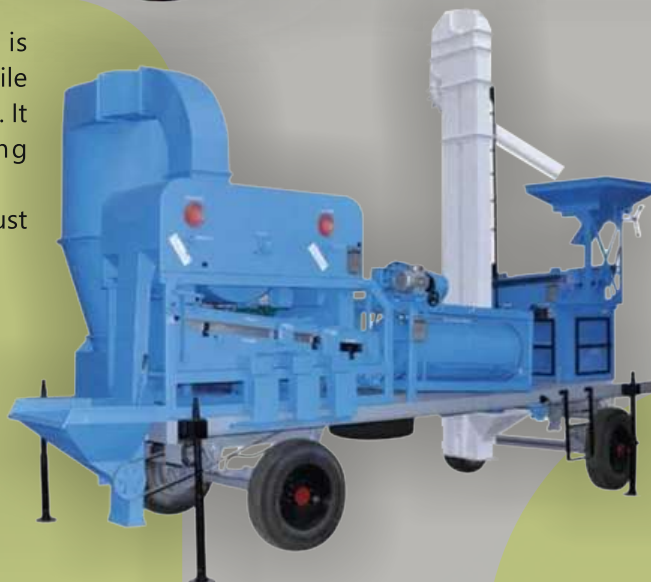


MOBILE SEED/ GRAIN PROCESSING PLANT



A mobile seed processing plant is mounted on a four-wheeled mobile trolley that can be towed by a tractor. It typically includes the following components:

- Air screen seed grader with dust collector
- One intended cylinder grader
- Special gravity separator
- One bucket elevator
- One generator
- Electric motors and control panel



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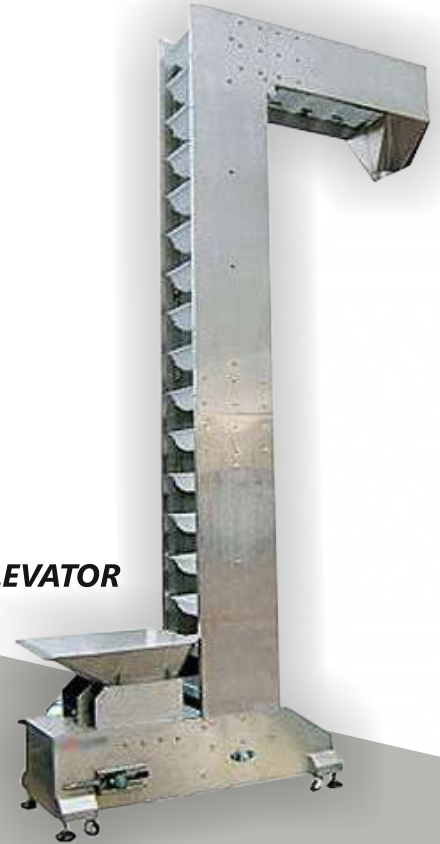


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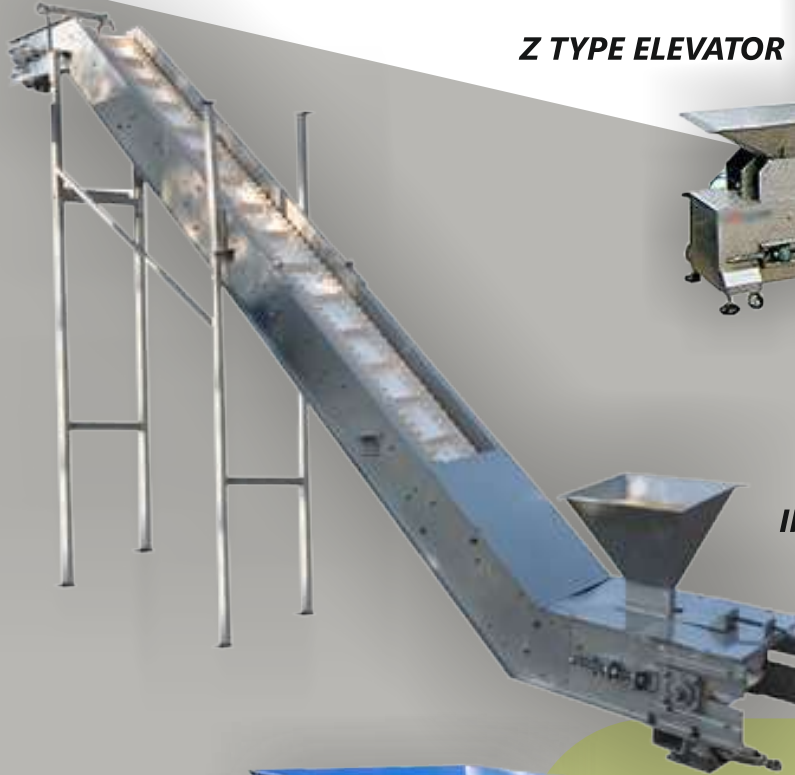
SUPPORTING EQUIPMENTS



VERTICAL BUCKET ELEVATOR



Z TYPE ELEVATOR



INCLINED FLIGHT BELT CONVEYOR



TROUGH BELT CONVEYOR

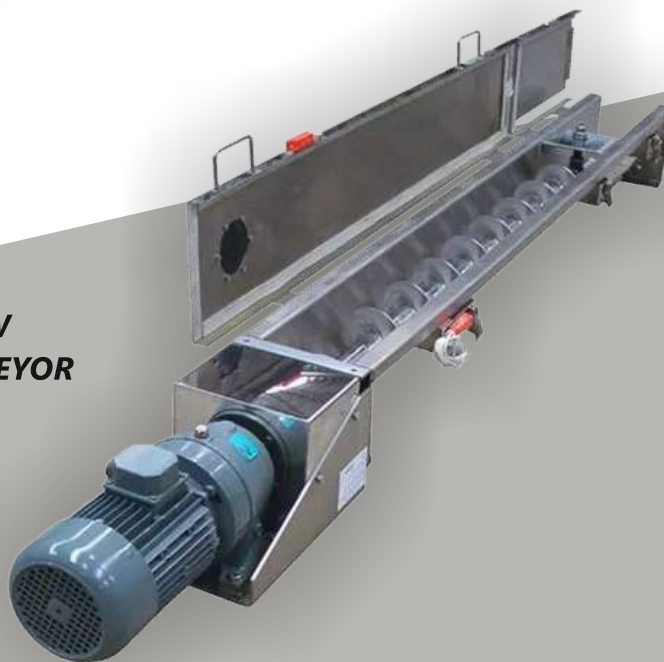


SUPPORTING EQUIPMENTS



**FLAT BELT
CONVEYOR**

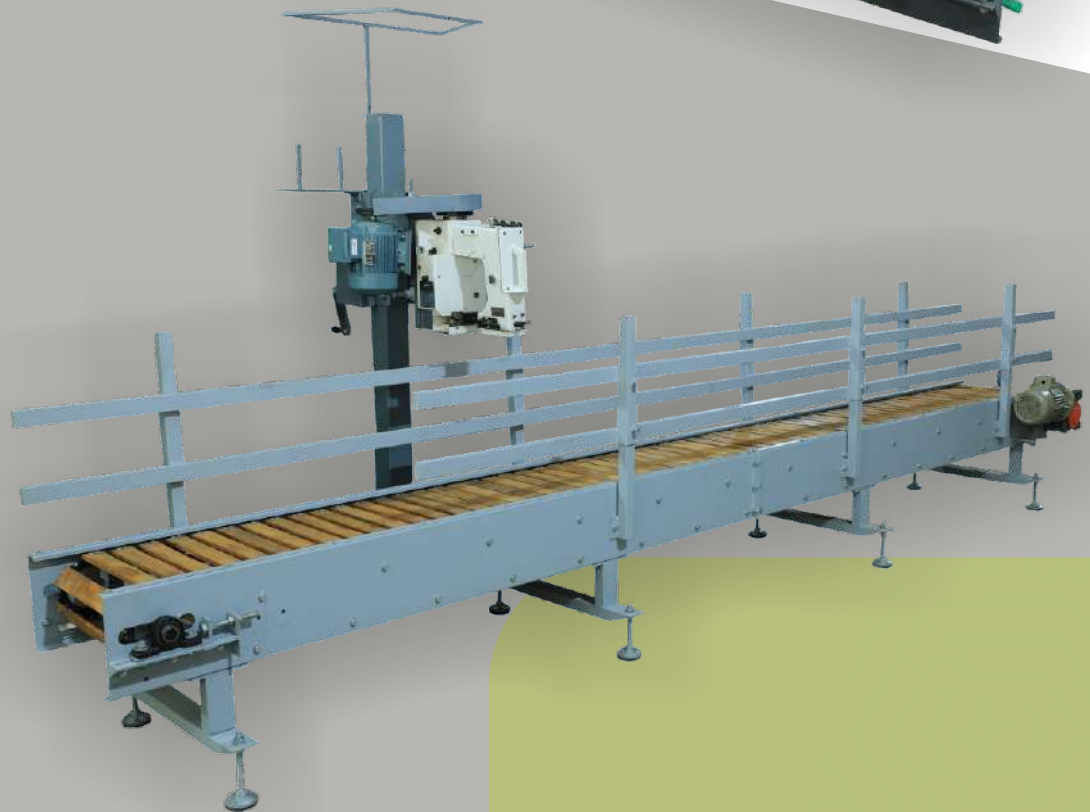
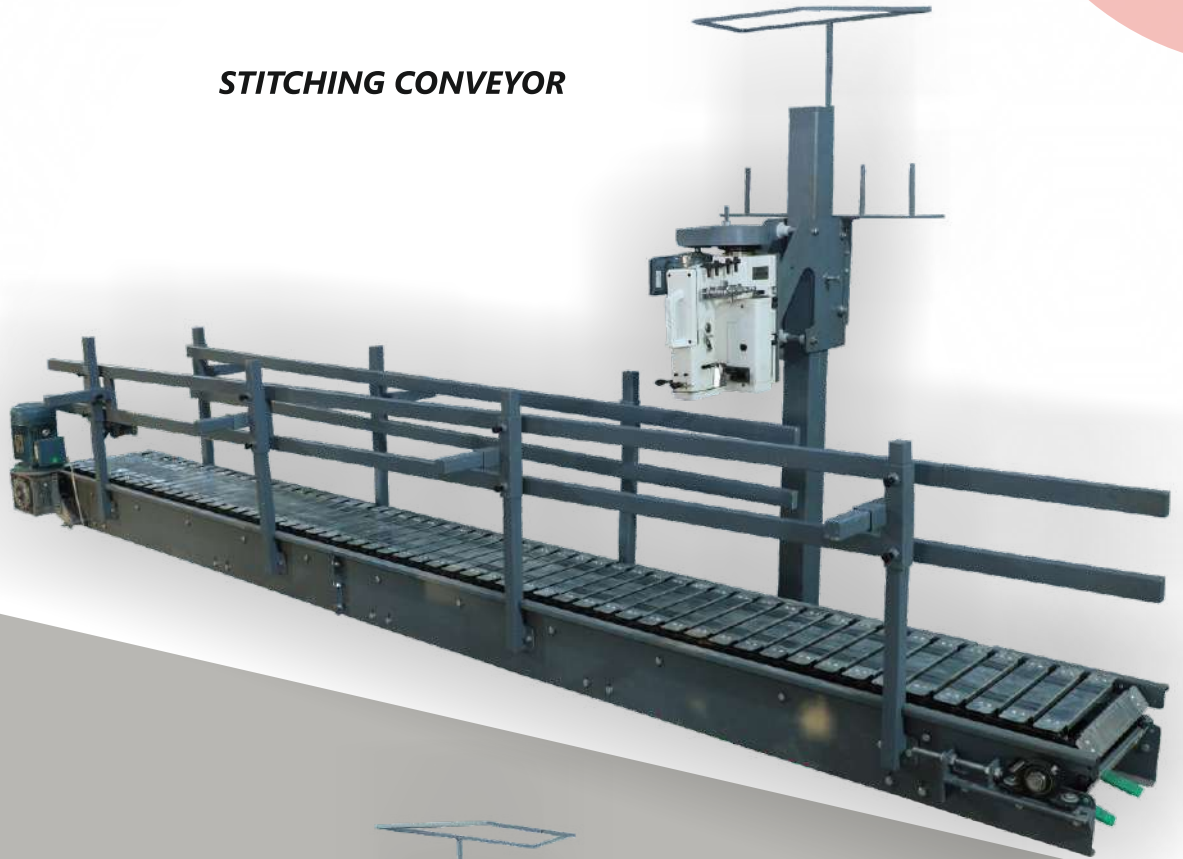
**SCREW
CONVEYOR**

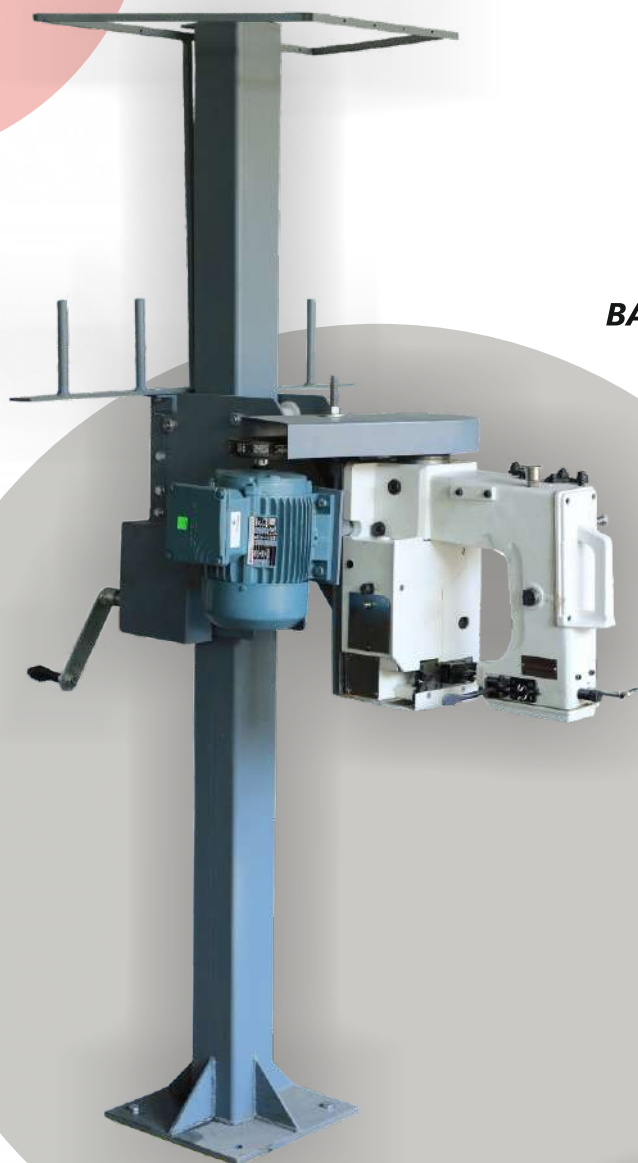


**VEHICLE LOADING
CONVEYOR**



STITCHING CONVEYOR





**BAG STITCHING
MACHINE**



**SEED COUNTING
MACHINE**



**DIGITAL
MOISTURE METER**





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