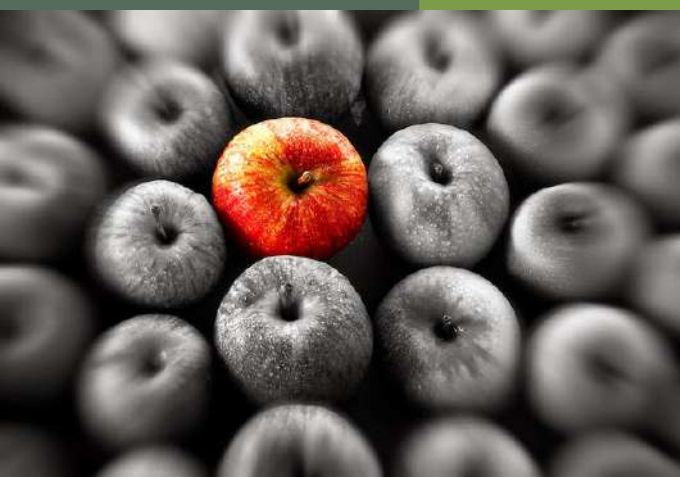




COMPLETE SOLUTIONS FOR FRUITS AND VEGETABLES

- ✓ Infeed
- ✓ Sorting
- ✓ Washing
- ✓ Treatment
- ✓ Drying
- ✓ Grading
- ✓ Handling



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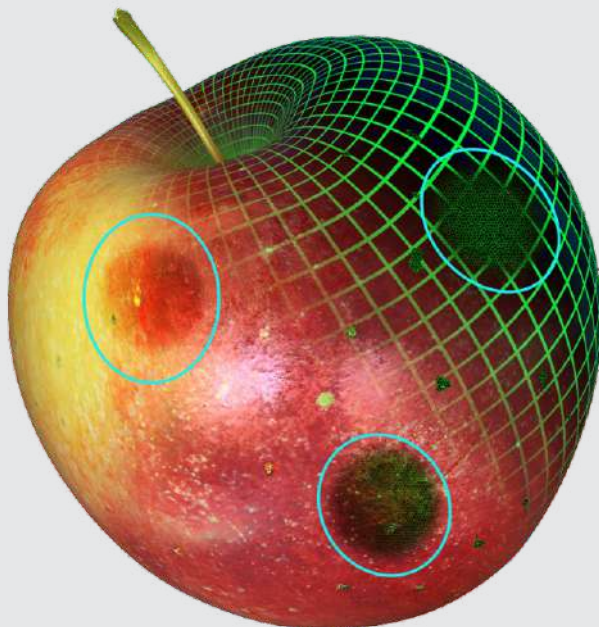
For Any Query Contact

SNG Technologies

Plot No. 69, HSIIDC, SAHA AMBALA, HARYANA, 133001 &

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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 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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FEEDING & INSPECTION SYSTEMS:

Different type of feeding sections are available with us, dry feeding system as well as wet feeding system. Dry feeding system is generally used for hard shelled fruits like citurs, pomegranate, guava etc and wet feeding system is used for soft fruits like apple, mango, tomato etc.

We also manufacture continuous crate unloading system and robotic system for wooden or plastic bin handling.

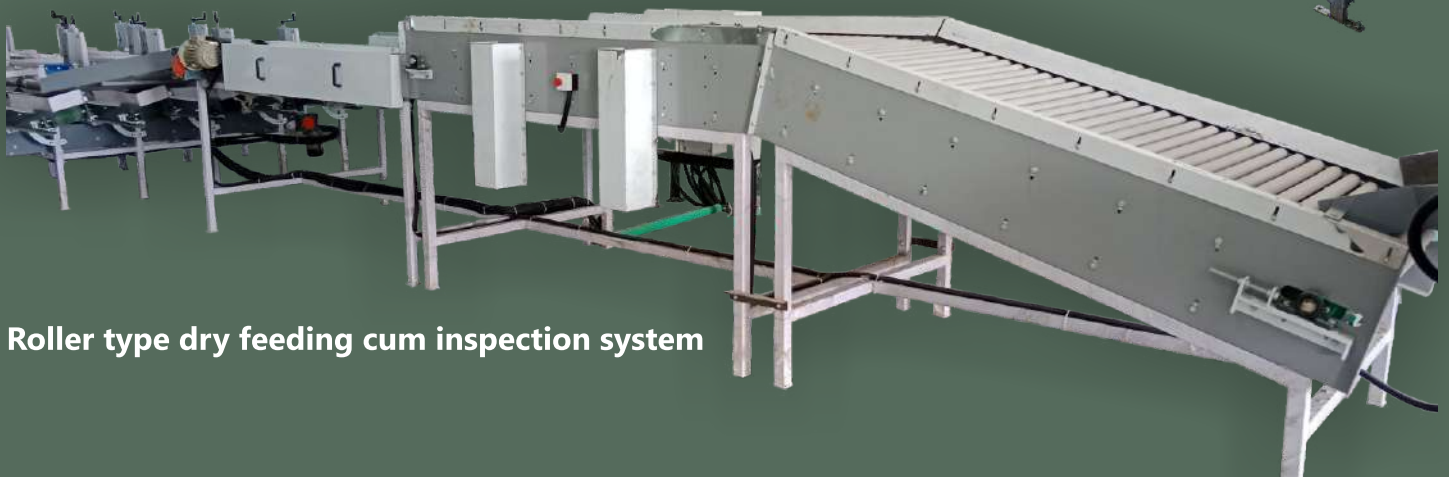
Wet feeding system



Continuous crate unloading system

Bin unloader

Crate feeding conveyor



Roller type dry feeding cum inspection system

CLEANING WASHING & BRUSHING SYSTEMS

Almost all types of fruits needs cleaning and washing. We design and deliver different models of washing system for different kind of fruits. Machines are custom built to match the desired capacity and integrity of the complete line.



**Brush Washing System
with Spray Nozzles**



**Brush Washing System
with Spray Nozzles**



**Brush Washing System
with Spray Nozzles**



Sponger Dryer



Sponger Dryer



Sponger Dryer

DRY BRUSHING MACHINE



Water Splash Washing

WAXING & DRYING SYSTEM

Some fruits need a treatment of wax for better shelf life and other benefits. We design waxing and drying systems suitable for even delicate fruits like apple. We also design and manufacture hot air drying system for fruits which is mandatory after waxing operation.

Fruit Waxing and Polishing



Fruit Waxing Operation



Fruit Waxing



Fruit Polishing System

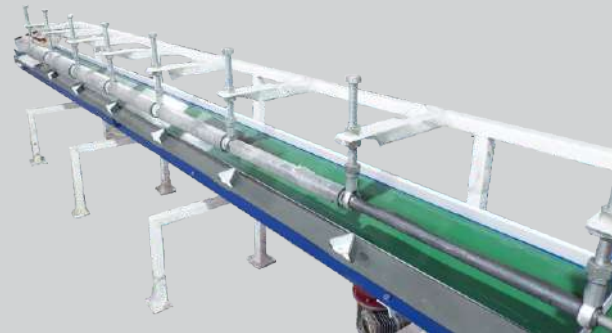
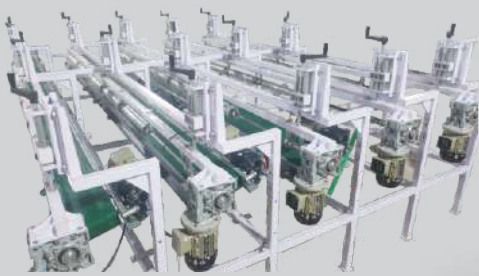
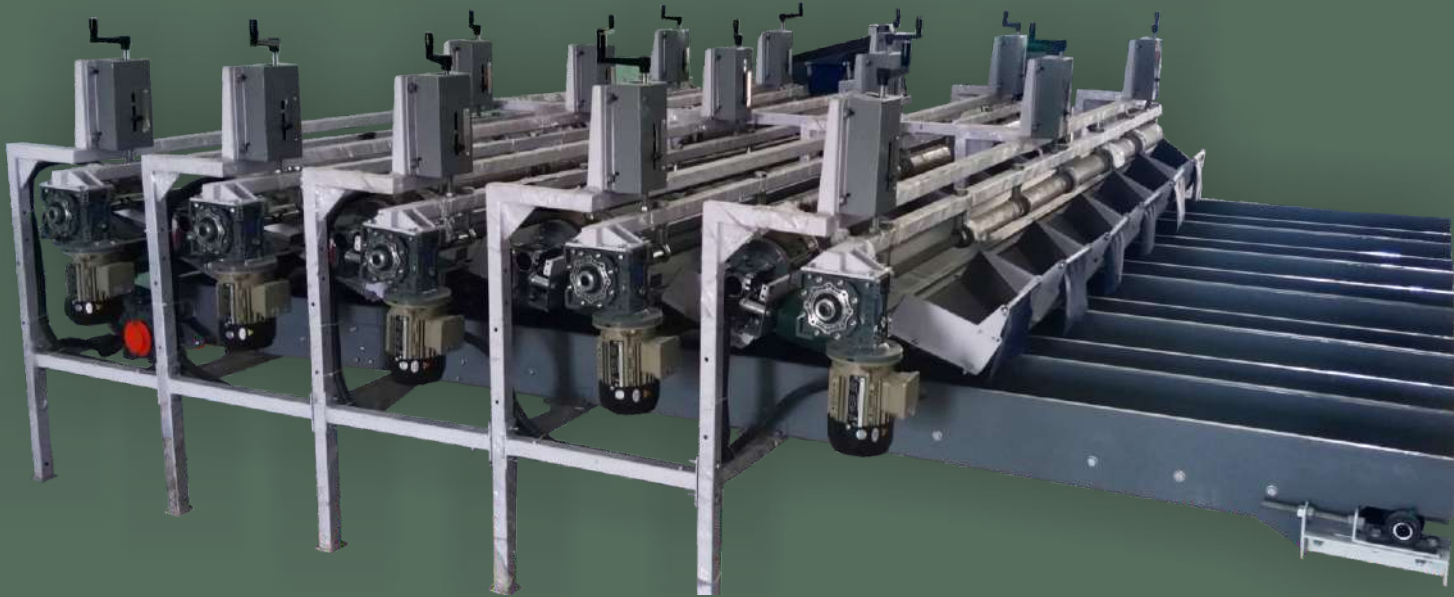
Hot Air Dryer



FRUIT GRADING SYSTEM (Mechanical Type)

Mechanical type fruit grading machines are used for diametric grading of round shaped fruits like tomato, lemon, kinnow, apple orange, guava, pomegranate etc.

Machines are available from 1 tph to 10 tph cvapacity, no of grades can be 4 to 8.



FRUIT GRADING SYSTEM

(AI based optical type)

Artificial Intelligence based fruit sorting machines are much advanced model in the industry. They are equipped with high end embedded software to sort the fruits based on weight, diameter and colour. Capacities available from 1 tph to 20 tph, no of grades can be 20 or more.

Our machines are a perfect combination of speed and accuracy. New technological advancement in this field has enabled the machines to deliver higher cup speed with higher cup filling rate resulting in higher capacity.

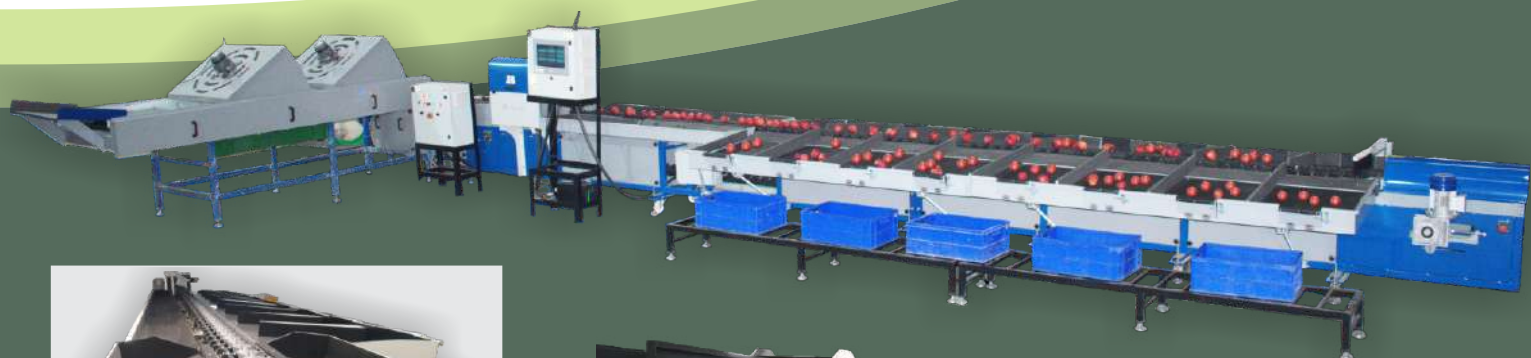
Size module: The size of the fruits can be determined with the help of high resolution cameras. Each fruits are clicked several times to get the best result out of it.

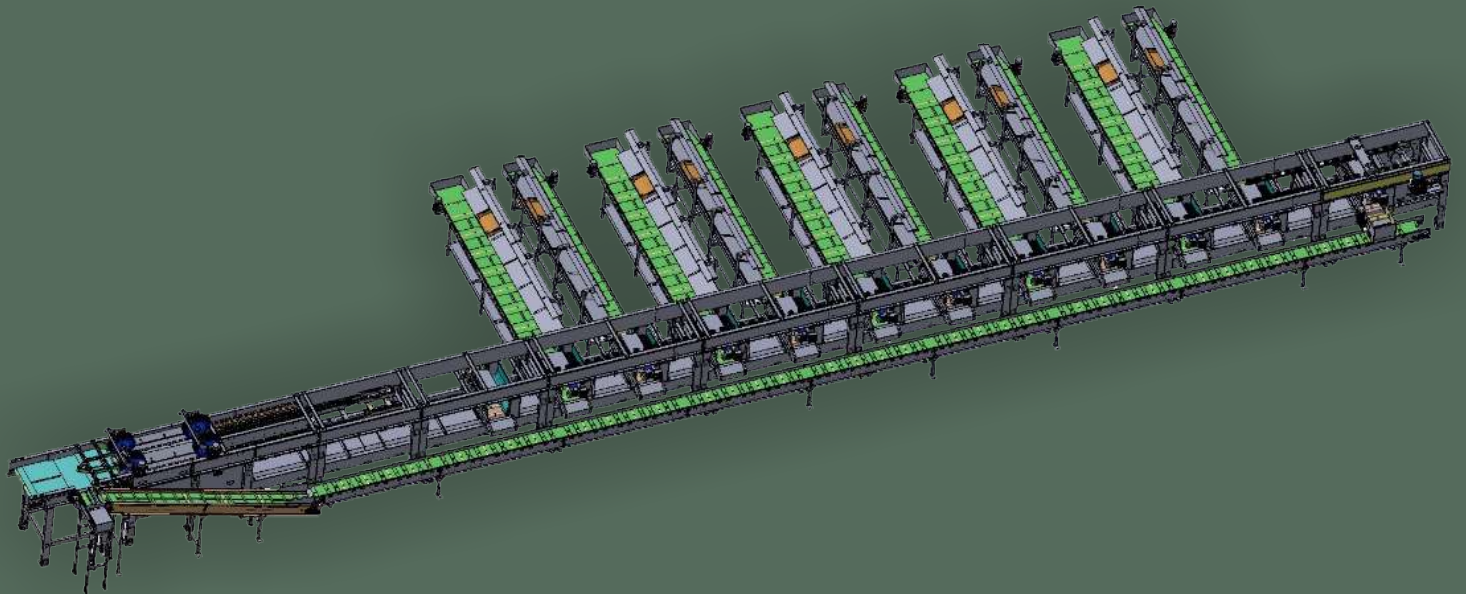
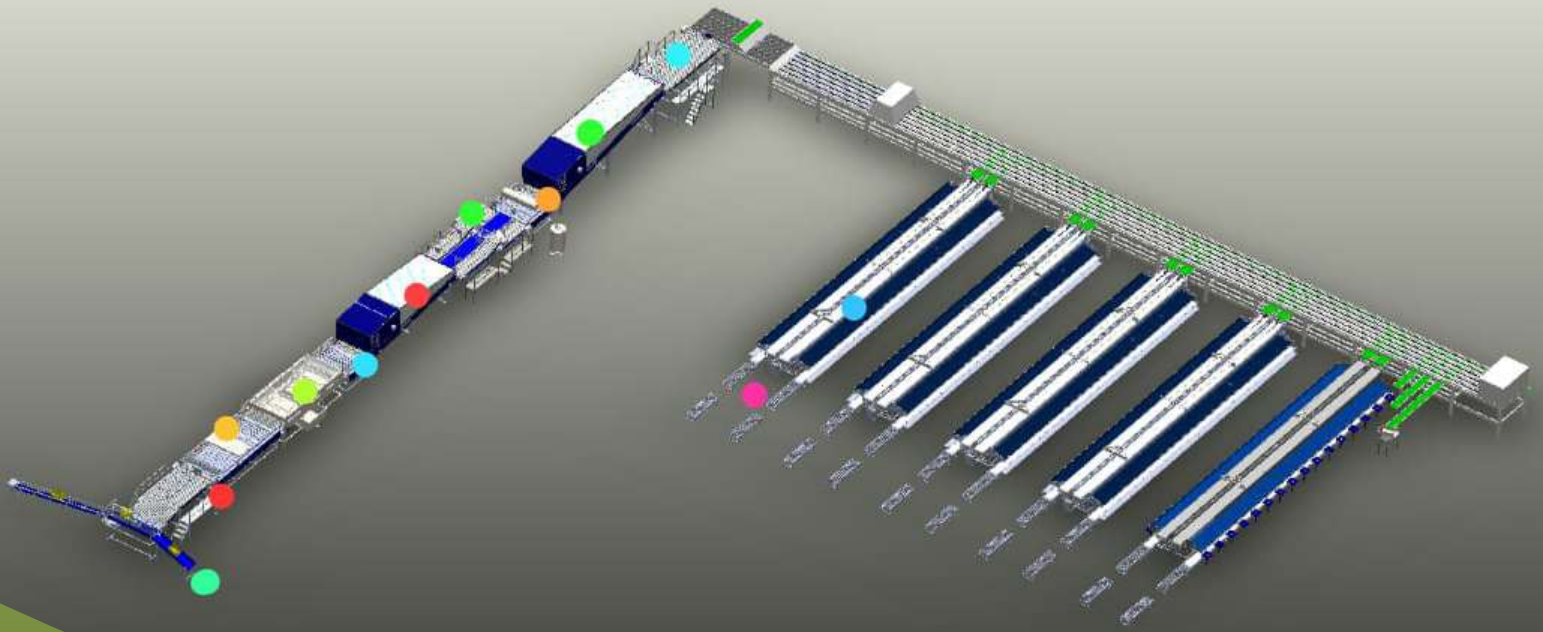
Colour module: The colour of the fruits are defined using High resolution colour camera. The fruits are rotated under the camera to get the maximum surface exposed for colour analysis. Reflections are eliminated using special filter in the software.

Weight module: The weight of the fruits are determined using high accuracy loadcell combined with a embedded software system with a high level algorithm. High end technology and algorithm helps to get the most accurate weight of each fruits at higher speed.

Defect detection: Our special program can also differentiate the fruits having defects on the outer surface. Helping the grower to get better value in the market by eliminating the damaged fruits.









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