



**AGRO SOLUTION INDUSTRIES**

(CREATIVE INNOVATION)

# **CORN PUFF OR MULTIPURPOSE SNACKS MAKING PLANT**



# ABOUT AGRO SOLUTION INDUSTRIES



AGRO Solution Industries is well-acclaimed as an adept organization from India that specializes in providing top-notch lab equipment, automation products, material handling equipment, milling machine, grain cleaning machine, food processing machine, packing machine, oil expeller machine, oil filter machine, and much more. Being a renowned manufacturer and supplier of the above-mentioned products, we are bedecked with state-of-the-art machinery and hygienic methods of production to bring about A-grade quality. We are capable of catering to the specific demands of our venerable clients with the utmost competence.

Established in the year 1973, our veteran organization has gained an immense market reputation within a short span of time under the mentorship of Mr. Brij Mohan. We strive to meet the quality requirements of the market by sincerely complying with the norms set by the industry.

## **Logistic team**

Our distribution network is competent to meet the requirements of geographically scattered clients. We are even capable to meet the bulk orders on an urgent basis and our logistic network always works towards the betterment of services. We are equipped with adequate commercial vehicles to suffice the divergent market requirements within the given time frame.

So, get in touch with our deft sales and marketing team and place your order to grab the best deals. Our cordial staff keeps our clients satisfied with great deals and after sale follow-ups.

# DIFFERENT TYPES OF MULTIPURPOSE SNACKS



Modern feed are made by grinding and mixing together ingredients such as millets, vegetable proteins and binding agents such as wheat. In the current technology, feed extruders play a key role in production lines.

**RAW MATERIALS :-** The raw materials of Puff corn or corn puffs are puffed or extruded corn snacks made with corn meal, which can be baked or fried. Puff corn belongs in the snack group products made with corn grits, rice, wheat, or other cereals.

# FLOW CHART OF AUTOMATIC CORN PUFF MAKING PLANT



## GRINDER

Feed grinder is a machine specialized in crushing materials by the collision between the high-speed hammer and materials. Raw materials in feed crusher are crushed into suitable particle sizes for feed mixer procession. Final size of materials can be controlled by inserting a screen with different sized holes





## MIXER

Wings and high-speed motor for high-speed stirring, and is widely used in the mixing of powdery, granular and other materials in the food industry. Fast mixing speed, short mixing cycle, 30-90 seconds/batch; high mixing uniformity,  $CV \leq 5\%$



## SCREW FEEDER

The machine adopts the screw push method, which is widely applicable to the transportation of various grain powder raw materials. After the raw materials are stirred evenly, they enter the screw conveyor and are transported to the extruder.

## SNACKS MAKING EXTRUDER



A feed extruder is a machine used for the production of any types of snacks. It works by heating and mixing raw ingredients, such as grains, oils, and meals, to form a dough-like mixture.

This mixture is then forced through a shaping die, where it is cut into the desired size and shape of the pellet.

The major parts of an extruder include the feeder, barrel, screw(s), and die, although many more parts can be added for increased product versatility. The feeder is used for continuously feeding the mixture into the extruder at a constant rate to ensure consistency.

Extrusion is a process to create a specific shaped object by pushing a material through a die. The die is a little disk with an opening of a specific size and shape. When the material is put under pressure through the die, it will create a desired shape. Often the die is made of steel.

# SNACKS MAKING EXTRUDER ( DIFFERENT CAPACITY )

MODEL NO.	AG-40	AG-50	AG-60	AG-70	AG-80
CAPACITY	30 KG/ HOUR	60-80 KG/ HOUR	100-120KG/HOUR	150-180 KG/HOUR	200 KG / HOUR
POWER	5.5 KW	11 KW	15 KW	18.5 KW	22 KW



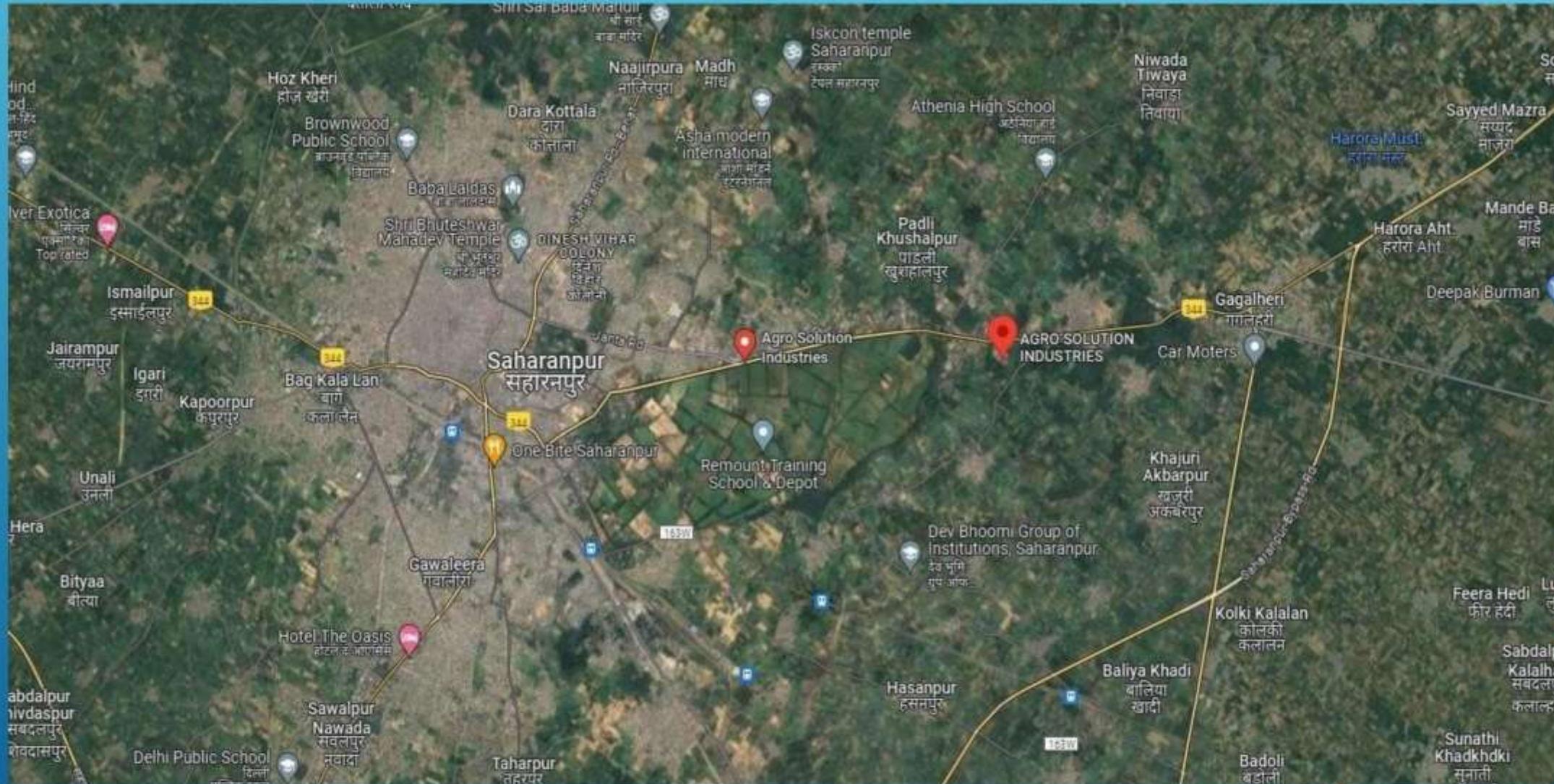


## DOUBLE DRUM SEASONING MACHINE

Feed come out of extruder, enter the conveyor, and go to the single drum. While the drum rotates clockwise at a constant speed, spray various oils and flavor attractants on the pellets by using an oil sprayer.

# HOW TO REACH US :-

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**We are Waiting for your Positive Response !**