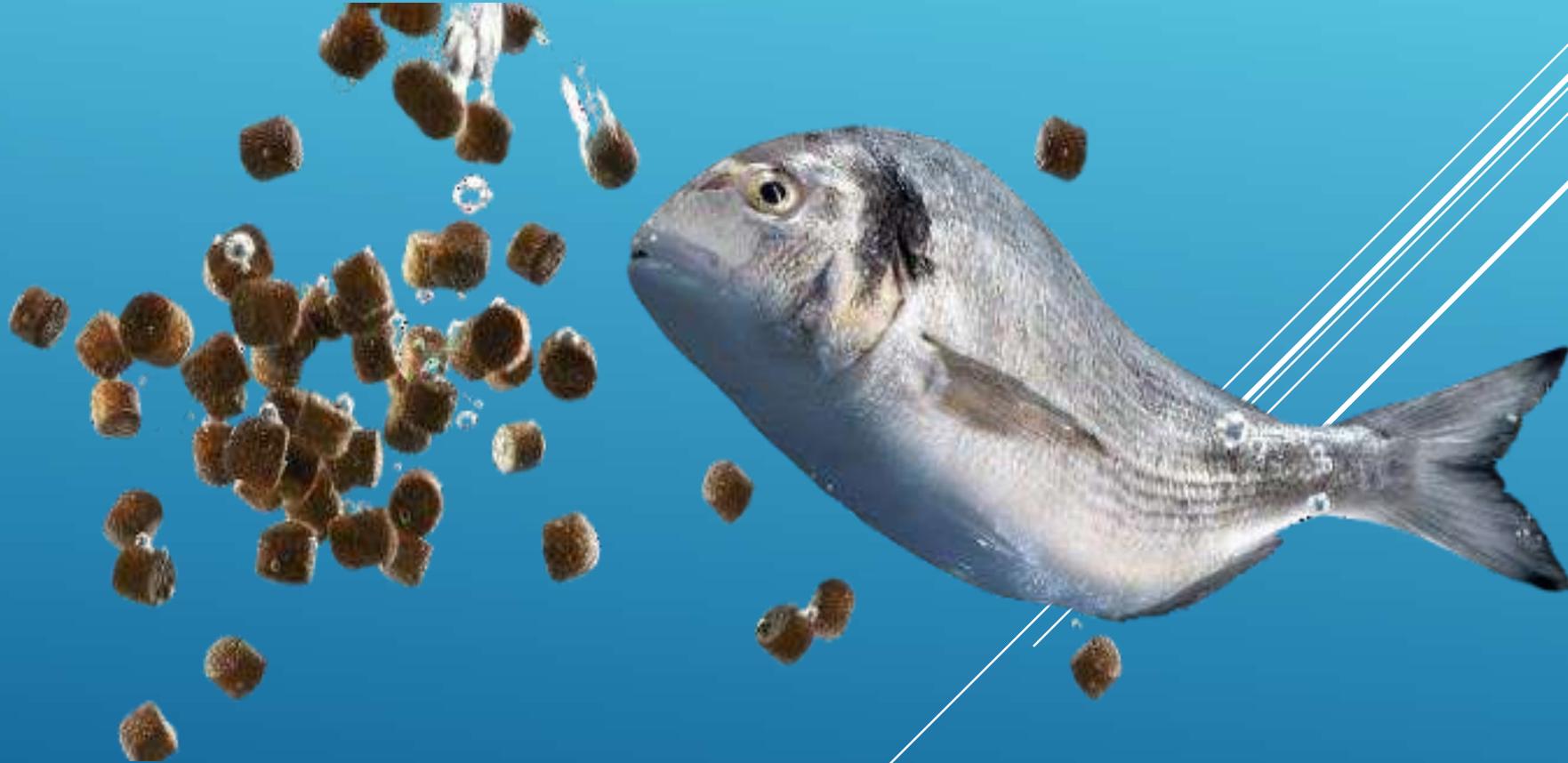




# AGRO SOLUTION INDUSTRIES

( CREATIVE INNOVATION )



**SINCE 1973**



# 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.



## FISH FEED ( DIFFERENT TYPE )

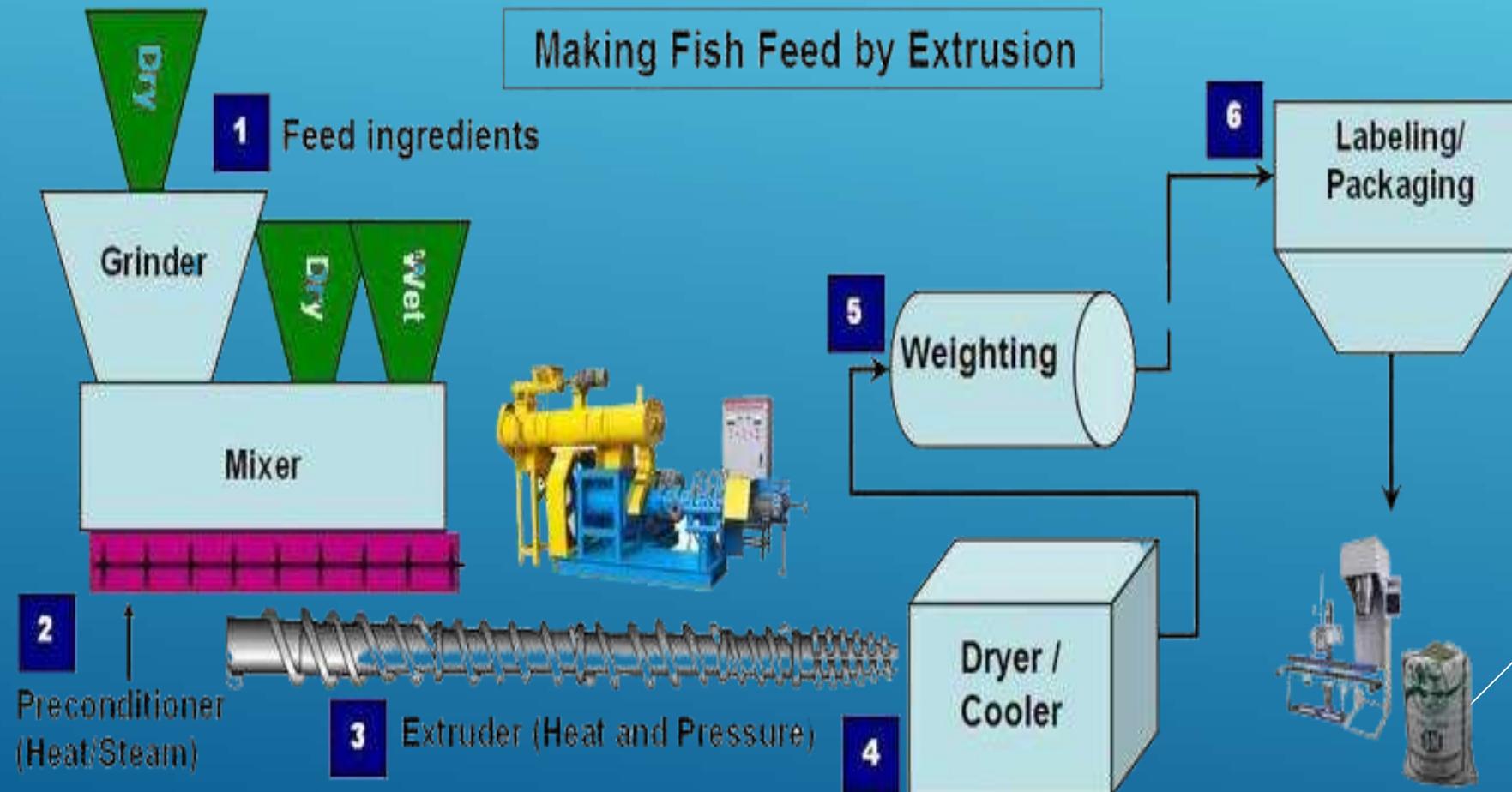
Modern fish feeds are made by grinding and mixing together ingredients such as fishmeal, vegetable proteins and binding agents such as wheat. In the current technology, fish feed extruders play a key role in production lines.

**RAW MATERIALS :-** The raw materials of floating fish feed are wide and varied, mainly including fish meal, wheat meal, yeast powder, mineral and vitamin premix, soybean meal, cottonseed meal, peanut meal, rapeseed meal, etc.



# ▶ FLOW CHART OF MAKING FLOATING FISH FEED

RAW MATERIAL CRUSHING → MIXING MATERIALS → PELLET EXTRUDING → PELLETS DRYING → OIL SPRAYING PROCESS → PELLETS COOLING → PELLET PACKING 1. CRUSHING RAW MATERIALS ARE CRUSHED BY THE FISH FEED CRUSHER. THE PARTICLE SIZE DIRECTLY EFFECTS THE EFFICIENCY OF PELLET MAKING.



## GRINDER

Fish 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 screwpush 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.

## FLOATING FISH FEED EXTRUDER



A floating fish feed extruder is a machine used for the production of fish feed pellets. It works by heating and mixing raw ingredients, such as grains, oils, and fish 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.

# FISH FEED EXTRUDER ( DIFFERENT CAPACITY )

MODEL NO.	AG-40	AG-60	AG-80	AG-90	AG-100	AG-120	AG-135	AG-160
CAPACITY	50 KG	100-150 KG	250-300 KG	350-400 KG	450-500 KG	500 – 600 KG	700 -800 KG	1000 – 1200 KG
POWER	5.5 KW	15 KW	22 KW	30 KW	37 KW	55 KW	75 KW	90 KW





## DRYER ( MINIMUM CAPACITY )

The dryer has a wide range of applications, and it is suitable for drying all kinds of lumps, granules and other foods or other materials. The temperature is automatically controlled and can be set according to the needs; the speed is controlled by frequency conversion

## **MULTI LAYER DRYER ( MAXIMUM CAPACITY )**

A wet product submitted to a radio frequency field absorbs the electromagnetic energy, so that its internal temperature increases. If a sufficient amount of energy is supplied, the water is converted into steam, which leaves the product; that is to say, the wet product is dried.



## DOUBLE DRUM SEASONING MACHINE



Feed pellets come out of the dryer, 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.

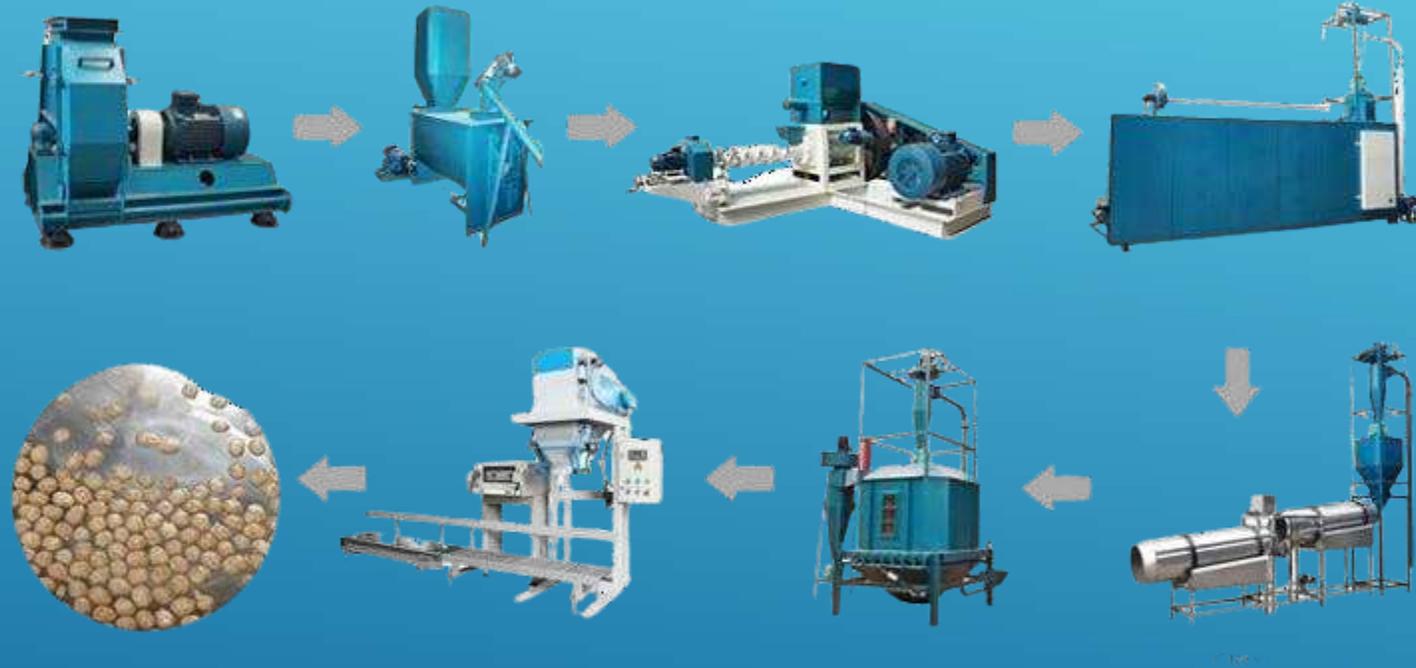
## COOLING CONVEYOR

This food conveying equipment blows air to material surface for temperature reduction. As a result, instant freezer benefits from minimized working load, whereby making the entire food production line to be more energy efficient.



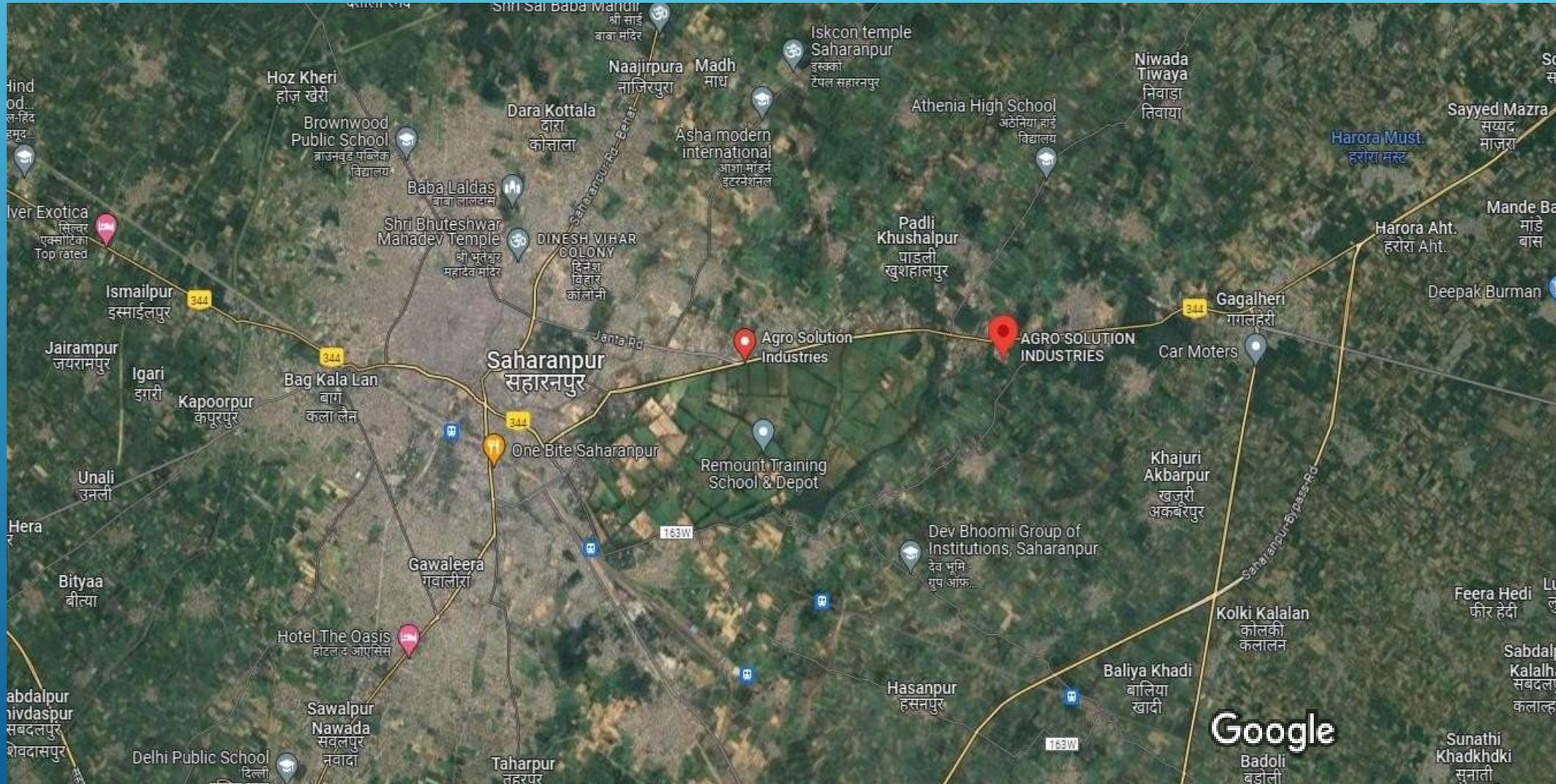
# COMPLETE SETUP ( FISH FEED )

## PROCESS



# HOW TO REACH US :-

SAHARANPUR (U.P)- 247001



**CONTACT US :-**

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