

# 800-2000kg/h Soyabean Badi Making Machine With Double Screw Extruder

Texture [soya protein food making machinery](#) uses the newest production equipment which is researched and developed according to the market demand and country's basic condition. Soyabean badi making machine uses the soybean and the peanut as the raw material and makes the round protein moisture become the chain shape and reorganization then form the sheet fibre structure by grinding, mixing, conditioning, high temperature, high pressure and high cutting. Soya chunk production line is include mixer, double screw extruder, the shaping machine, dryer, the cooling machine.



## DETAIL DESCRIPTIONS OF EXTRUDED SOY NUGGETS PRODUCTION LINE

Raw materials	Adopts defatted soya flour as raw materials.
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Products	Soyabean badi making machine can be used to produce soya nuggets, TVP/TSP, soya chunks, Soya burgers, Protino Soybean Badi by adjusting the moulds from extruder; meanwhile it can produce cereal, snacks by adjusting the screws from double screw extruder.
Certificate	CE,GOST,TUV,BV
Capacity	15-40kg/h, 80-120kg/h, 200-500kg/h, 600-1000kg/h, 800-2000kg/h
Voltage	Three phases: 380V/50Hz, Single phase: 220V/50Hz, we can make it according to customers' Local power supply.
Machines materials	All the machines are made by stainless steel.
Energy Source	Energy: Electricity, gas, steam.

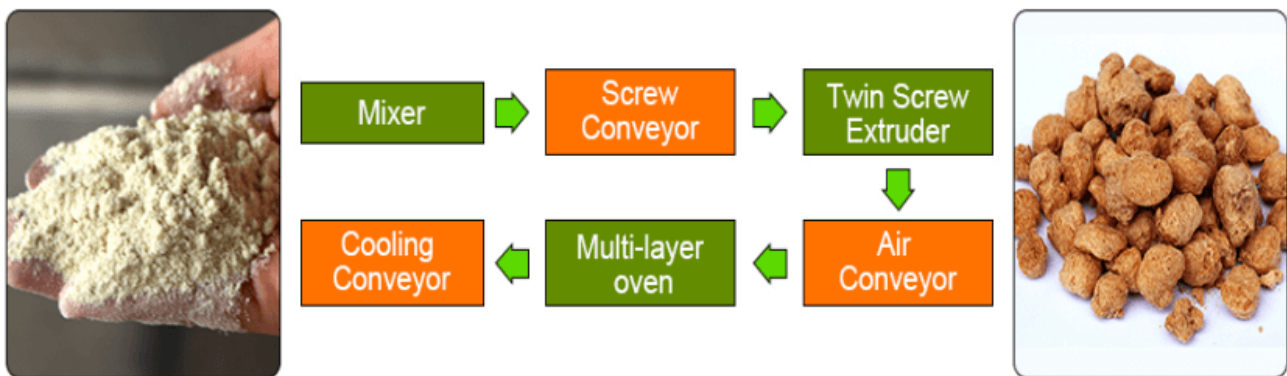


**TECHNICAL PARAMETER OF EXTRUDED SOY NUGGETS PRODUCTION LINE**

Model	Screw Size	Power	Capacity
LY36	36mm	11-20kw	15-40kg/h
LY50	50mm	37-55kw	80-120kg/h
LY72	72mm	75-132kw	200-500kg/h
LY95	95mm	132-200kw	600-1000kg/h
LY120	120mm	160-450kw	800-2000kg/h

### **AUTOMATICALLY SOYA PROTEIN MAKING MACHINE PRODUCTION PROCESS**

Flour Mixer-Screw Conveyor-Twin Screw Extruder- Air Conveyor-Dryer- Hoister- Cooling Machine



The Main Equipment Using In The Soyabean Badi Making Machine Processing

Item No.	Main machine	Details Description
1.	Flour Mixer	To mix defeated soya bean powder with water.
2.	Twin Screw Extruder	To cook the soya bean powder and extrude in different shapes.
3.	Air conveyor	Take the extruded products into oven or drying machine
4.	Dryer	Drying extruded products

### **DETAILS & FEATURES OF TSP MAKING MACHINE**



1. The screw is made of alloy by nitriding process, high strength and wear-resisting. And it has good self-cleaning ability and does not need to discharge or clean the barrel and screw, when roasting or replacing of materials.

2. Soyabean badi making machine adopts speed-adjusted converter on feeding system, extrusion system and cutting system. Food grade stainless steel twin screw feeding machine guarantees stable materials feeding in the whole food process.

3. The gearbox has automatic lubrication function, with extends gear life.



4. Radiator is increased on driving part for forced cooling effect, and it ensures extruder operate safely. 5. Barrel with water-cooled circulation. Different moisture extrusion temperature ratio, whole-expanded and half expanded as different type of products. 6. High automation and accurate control system to save labor cost and improve the quality of final products. 7. Flexible configurations to meet different



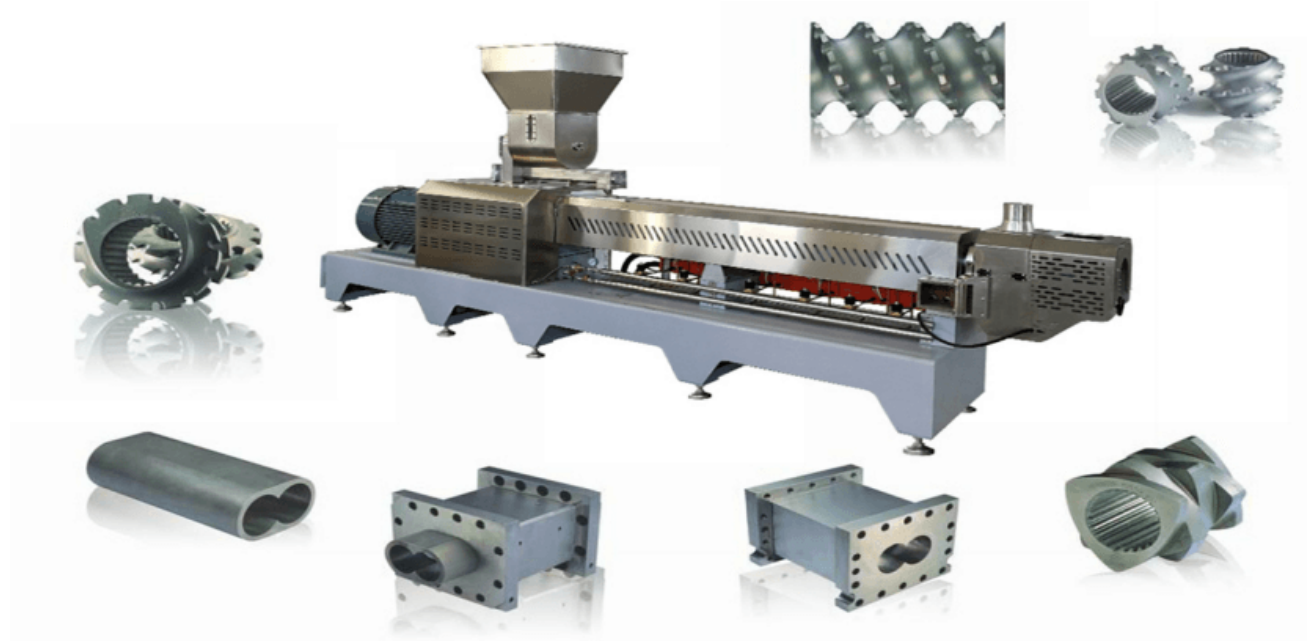
produce, budget and workshop layout requirement.

## APPLICATIONS OF AUTOMATIC SOYA BEAN MEAT PROTEIN FOOD PRODUCTION LINE



1 Dry Textured soya protein Pellets, Crumbs, Minced, Flakes, Chunks, Chips ,Schnitzel, Nuggets. 2 High moisture wet protein Soya,pea, Pea-sunflower

### THE ADVANTAGES OF TEXTURE SOYA PROTEIN FOOD MAKING MACHINERY PROCESS



Item No.	<a href="#">LOYAL</a> Detail description of industrial automatically textured vegetable protein tvp line process
1	Screw made by nit-riding process, high strength and wear-resting. Self-cleaning ability, no need to discharge or clean the barrel and screw when roasting or replacing of materials.

2	Adopting speed adjusted converter on feeding system, extrusion system and cutting system. Food grade stainless steel twin screw feeding machine, stable materials feeding in the whole food process.
3	Gearbox with automatic lubrication function, extending gear life.
4	World famous brand Siemens main motor, guaranteeing good quality.
5	Increased radiator on driving part for forced cooling effect, ensuring extruder operates safely.