

# Soya Chunk Production Line

Soya chunk production line is a processing plant that produces soya chunk, which is a high protein food ingredient made from defatted soy flour. The production line typically includes equipment such as a steam boiler, blender, extruder, dryer, and packaging machine. The soy flour is mixed with water and other ingredients, then extruded through a heated die to create the desired shape and size of the soya chunks. The chunks are then dried to remove moisture and increase shelf-life. The final product is typically used as a meat substitute in vegetarian and vegan diets, as well as in pet food and livestock feed.



## The Flowchart Of Soya Chunk Process Line

1. Mixing ---
2. Screw Conveyor ---
3. Extruding ---
4. Air Conveyor ---
5. Drying ---
6. Cooling Conveyor



## The Function Of Soya Chunk Process Line

- 1. Soybean cleaning and selection:** The first step is to clean and select the soybeans to remove any impurities and ensure that only high-quality beans are used.
- 2. Soaking and dehulling:** The soybeans are then soaked in water to soften them, after which they are dehulled to remove the outer layer of the beans.
- 3. Grinding:** The dehulled soybeans are ground into a fine powder using a grinder or mill.
- 4. Mixing:** The soybean powder is mixed with water and other ingredients such as flavorings and binders to form a dough-like mixture.
- 5. Extrusion:** The dough-like mixture is then extruded through a machine to form the desired meat-like shape and texture.
- 6. Drying:** The extruded product is then dried to remove any remaining moisture and increase shelf life.

**Packaging:** Finally, the dried product is packaged and labeled for distribution to customers.



## The Parameter Of Soya Chunk Process Line

Model	Installed Power (Kw)	Power Consumption (Kw)	Output (Kg/h)	Size(L*W*H) (Mm)



LY65	100kw	80kw	180-220kg/h	19000*1200*1800mm
LY70	109kw	93kw	250-300kg/h	20000*1200*2200mm
LY85	156kw	125kw	300-500kg/h	21000*1200*2200mm



## The Advantage Of Soya Chunk Process Line



<b>High Output</b>	The soybean block processing line is designed to process a large amount of soybeans in a relatively short period of time. This results in high yields and enables manufacturers to meet customer demand more efficiently.
<b>Consistency</b>	The soybean block production line is automated and the production process is computerized to ensure the consistency of the soybean block quality.
<b>Customization</b>	The soybean block production line can be customized to meet specific production requirements.
<b>Cost-Effective</b>	The soybean block production line is cost-effective as it eliminates the need for manual labor, thereby reducing labor costs. It also optimizes the production process, thereby reducing overhead costs.
<b>Health Benefits</b>	Soy nuggets are rich in protein, fiber, and other essential nutrients. Soybean nuggets processing line ensures that soy nuggets retain these essential nutrients and stay healthy, thus bringing great health benefits to the consumers.

