

Textured Soy Protein Processing Line

This processing line is engineered for texturizing and creating fiber in vegetarian soy protein. It has a production capacity ranging from 150 to 1000 kg per hour.



ADDITIONAL IMAGES



Overview



A full-scale industrial line for high-capacity textured soya protein production.

Advanced Textured Soya Protein Production

This high-capacity processing line is engineered for the continuous production of textured and fiber-rich vegetarian soya protein, catering to the global demand for plant-based meat alternatives. Utilizing advanced twin-screw extrusion technology, the system ensures consistent texture and high-quality output across various product shapes. The entire line is constructed from high-grade stainless steel to meet stringent food safety and hygiene standards for industrial manufacturing.

Technical Specifications

Model Performance Parameters

Model	Installed Power (kw)	Real Power (kw)	Capacity (kg/h)	Dimensions (mm)
ZH65	45	22	180-220	39000x1200x2200
ZH70	50	37	250-320	41000x1500x2200
ZH85	110	75	450-550	43000x3500x4300
ZH95	151	110	850-1000	45000x3500x4300

Operating Voltage

380V 50 Hz (Customizable)

Material & Construction

Stainless Steel Grades	Stainless Steel 201, Stainless Steel 304, Stainless Steel 316
Extruder Screw Material	38CrMoAl with nitriding treatment

Components

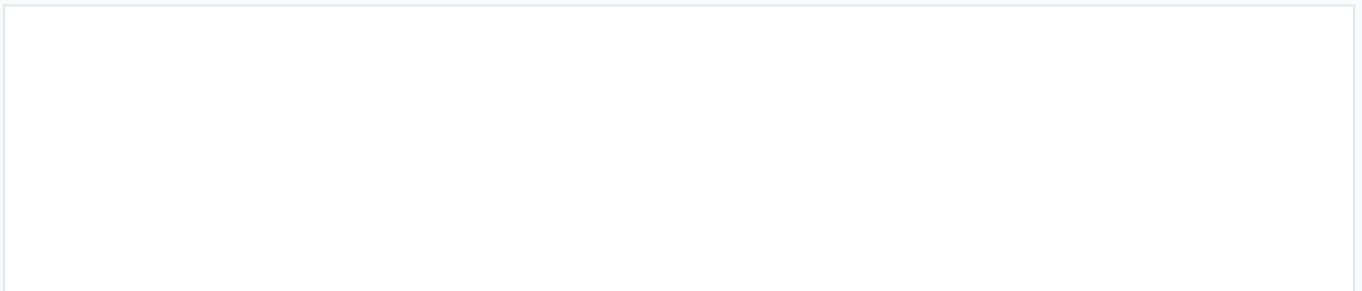


The complete system includes the extruder, conveyor, dryer, and cooling units for a seamless workflow.

Premium Components

- Twin screw extruder with special design screws
- PLC touch screen control cabinet
- High-efficiency dryer for moisture removal
- Rapid cooling system
- Precision feeding and shaping units

Production



Example of the high-quality textured protein output suitable for various food applications.

Applicable Raw Materials

- Low temperature defatted soybean meal
- Gluten wheat flour
- Protein Isolate

Production Capacity

1000 kg/h

Max Capacity

150 kg/h

Min Capacity

Quality & Standards

Standards & Compliance

CE Certified • IEC Standard Wiring • ANSI Standard Assembly

Service Commitment

- 2-year warranty
- Lifetime technical service
- Customized workshop layout planning
- Formula supply assistance