

Product Name :
Textured Soy Protein Production Line

Product Code :
EQMH-CHINA-MY3005022



Description :

Textured Soy Protein Production Line

Technical Specification :

Feeding & Mixing System

Pre-Conditioner: Uniformly hydrates soy flour (30-50% moisture)

Liquid Injection: Precise water/alkali solution dosing ($\pm 1\%$ accuracy)

Gravimetric Feeder: Consistent dry material input

Twin-Screw Extrusion Unit

High-Shear Screws:

L/D Ratio: 20:1-28:1 (for fiber alignment)

Modular Barrels: 8-12 zones (80-180°C)

Specialized Die Head:

Multi-hole designs for meat-like fibers

Adjustable pressure (20-40bar)

Cutting & Drying

Variable-Speed Cutter: Produces chunks/granules (3-25mm)

Multi-Stage Dryer: Reduces moisture to 8-10%

Oil Coating: Optional flavor enhancement

Control & Automation

PLC Interface: Stores 30+ texture profiles

Real-Time Monitoring: Screw speed (200-600 RPM), torque, SME input

Auto-Adjustment: Maintains product consistency.



Equip Machines China

Email us at: sales@equipmentsmachines.com