

Product Name :
Dry Pet Food Production Line

Product Code :
MM-CHINA11007-003



Description :

Dry Pet Food Production Line

Technical Specification :

Ingredient Mixing

Various raw materials (corn flour, rice flour, meat powder, fish meal, vitamins, and minerals) are automatically weighed and mixed to ensure uniform nutrition distribution.

Extrusion & Cooking

A twin-screw extruder cooks and shapes the pet food under controlled temperature and pressure. This process enhances digestibility, texture, and product expansion rate — suitable for different animal species and sizes.

Cutting & Shaping

The rotating cutter attached to the extruder forms pellets in different shapes — round, bone, heart, or custom molds — depending on customer requirements.

Drying

The extruded feed is sent into a multi-layer hot-air dryer, which removes excess moisture to extend shelf life and prevent microbial growth.

Oil Spraying & Flavoring

After drying, the products are evenly coated with animal fat, palatability enhancers, or vitamins using an oil spraying drum to improve flavor and nutrition.

Cooling

A vibration cooling conveyor brings product temperature down to ambient levels, ensuring stability before packing.

Weighing & Packaging

Automatic weighing and packaging machines fill and seal the finished dry pet food into bags or pouches, ready for storage and sale.

Capacity Range: 150–5,000 kg/hour

Material: Stainless Steel

Extruder Type: Twin-Screw Extruder

Control System: Siemens PLC + Touch Screen

Heating Method: Electric / Steam / Gas

Drying Temperature: 90–150°C Adjustable

Pellet Size: 1–15 mm (Customizable)

Cooling Type: Air Cooling / Vibration Cooling

Power Supply: 380V / 50Hz (Customizable)



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