EPS Fish Box Production Line

TURNKEY LINE CONFIGURATION AND UTILITY SPECIFICATION

A five-subsystem turnkey line that converts raw EPS beads into insulated fish boxes: pre-expansion, aging, shape molding, custom fish-box molds and matched utilities.

Core specifications

Finished-product density	12-30 kg/m3
Typical fish-box density	16-22 kg/m3
Molding cycle	50-130 seconds per cycle
Daily output range	800 to 30,000+ boxes, depending on machine count
Shape molder options	SM-1000 / SM-1200 / SM-1400
Mold platen sizes	1,000 x 800 / 1,200 x 1,000 / 1,400 x 1,200 mm
Aging silos	Typically 4-8 silos, 15-50 m3 each
Aging time	6-24 hours
Box formats	20 L / 30 L / 40 L / 60 L; custom mold per buyer drawing
Small line	1 molder; 800-1,500 boxes/day; 0.5 t/h boiler guideline
Middle line	2 molders; 2,000-4,000 boxes/day
Large line	4 molders; 5,000-10,000 boxes/day; 1 t/h boiler guideline
Recommended floor area	400-600 m2
Recommended ceiling height	At least 6 m
Electrical	Three-phase 380 V / 50 Hz

Typical applications

- Seafood and aquaculture transport boxes
- Ice-keeping and cold-chain packaging
- Fruit insulation boxes
- Lidded, stackable and export-grade custom boxes

Certification / scope

Line components quoted against the selected machine configuration

Engineering note	*Utility sizing is a project guideline, not a final plant design. Boiler, cooling and compressed-air loads must be confirmed against machine count and local conditions.*
Request a quote	info@chinaeps.net | WhatsApp +86 138 6163 9770

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