



CAPABILITY OVERVIEW

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VELORA

Fisheries & Marine Systems Capability Overview

Cold storage, ice plants, processing equipment and supporting utilities for fisheries infrastructure.

COLD STORAGE

5 – 500 m³

ICE PLANTS

1 – 30 t/day

STANDARD

ISO 22000 · Codex

Engineering-Driven Supply.

Velora Engineering & Trading PLC · Addis Ababa, Ethiopia · www.veloraet.com

1. Overview

Velora supplies fisheries and marine systems infrastructure — covering processing equipment, cold storage, ice production, water-quality monitoring and supporting utilities. Systems are engineered to project capacity and delivered with submission-ready documentation suitable for institutional and donor-funded programs.

2. Equipment Range

Cold Storage	Modular cold rooms 5 – 500 m ³ · –25 °C to +5 °C operating range.
Ice Production	Flake, tube and block ice plants · 1 – 30 t/day.
Processing Equipment	Fish gutting, filleting, washing, weighing and packing lines.
Refrigeration	Industrial condensing units, evaporators and PLC-controlled racks.
Laboratory & Monitoring	Water-quality, microbiology and product-testing equipment.
Supporting Utilities	Generators, pumps, water treatment and on-site power systems.

3. Key Specifications

Refrigerants	R-404A · R-507 · R-449A · ammonia (NH ₃) for industrial scale
Insulation	100 – 200 mm PIR/PUR sandwich panels with food-grade liners
Construction	AISI 304/316 stainless steel for product-contact surfaces
Controls	PLC + HMI · remote temperature logging · alarm management
Origin Tiers	Türkiye · China Tier-1 · European Union

4. Applications

F Fish Landing Sites Cold storage, ice supply and washing facilities at landings.	P Processing Plants Filleting, packing and freezing lines.
A Aquaculture Farms Hatchery utilities, oxygenation and water-quality systems.	D Distribution Hubs Cold-chain warehousing and reefer-truck loading bays.
L Laboratories Quality, microbiology and water-testing facilities.	U Supporting Utilities Power, water treatment and on-site infrastructure.

5. Compliance & Standards

- ISO 22000 — Food safety management systems.
- EU Regulation 853/2004 — Specific hygiene rules for food of animal origin.
- Codex Alimentarius — Code of Practice for Fish and Fishery Products.
- ISO 14001 — Environmental management systems.
- ISO 5149 / EN 378 — Refrigeration systems safety and environmental requirements.

6. Strengths

E**Capacity-Based Sizing**

Equipment sized to landing volume, throughput and storage need.

D**Documentation Discipline**

Submission-ready datasheets, P&IDs and compliance certificates.

L**Local Delivery**

Coordinated freight, customs and on-site logistics into Ethiopia.

S**Installation & Handover**

OEM-aligned commissioning and operator training.

Direct supply of fisheries and marine systems infrastructure — engineered, compliant and structured for institutional delivery.

Authorized Signatory

Velora Engineering & Trading PLC
Addis Ababa, Ethiopia