



VELORA

Elevator Capability Overview

Passenger, hospital, freight and panoramic systems — directly supplied, EN 81-compliant.

RANGE

320 – 5000 kg

SPEEDS

0.4 – 2.5 m/s

STANDARD

EN 81-20/50 · ISO 8100

Engineering-Driven Supply.

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

1. Overview

Velora supplies passenger, hospital, freight and panoramic elevator systems for commercial, residential, healthcare and institutional buildings across Ethiopia, sourced from established OEMs and supplied with compliance documentation suitable for direct purchase.

2. Equipment Range

Passenger Elevators	320 – 1600 kg · 0.6 – 2.5 m/s · low-rise to high-rise residential and commercial.
Hospital / Bed Elevators	1600 – 2500 kg · stretcher and bed transport · hospital-grade interiors.
Freight / Goods Elevators	1000 – 5000 kg · industrial and warehouse use · heavy-duty cabins and doors.
Panoramic Elevators	320 – 1600 kg · glass cabin · feature lobbies, hotels and retail.
Service / Dumbwaiter	Compact loads · kitchens, hotels, document transfer.

3. Key Specifications

Drive Systems	Gearless MRL · geared traction · hydraulic · pneumatic vacuum (low-rise)
Speeds	0.4 – 2.5 m/s (higher on request)
Door Configurations	Centre-opening · two-speed side-opening · telescopic
Door Material	Hairline / mirror stainless steel · painted steel · fire-rated assemblies
Control	Microprocessor simplex / duplex / group / destination control
Origin Tiers	Türkiye · China Tier-1 · European Union

4. Applications

C**Commercial Offices**

Medium- to high-traffic vertical transport with destination control options.

R**Residential Towers**

Mid- and high-rise residential lift systems with energy-efficient drives.

H**Hotels & Hospitality**

Premium passenger lifts with refined cabin finishes and quiet operation.

M**Healthcare Facilities**

Hospital and bed elevators sized for stretcher and equipment transport.

R**Retail & Malls**

High-throughput public-area lifts and panoramic feature elevators.

I**Industrial / Warehouse**

Heavy freight elevators for production and storage facilities.

5. Compliance & Standards

- EN 81-20 — Safety rules for the construction and installation of lifts (passenger and goods).

- EN 81-50 — Design rules, calculations, examinations and tests of lift components.
- EN 81-58 — Fire resistance of landing doors.
- ISO 8100 series — International reference standard for lifts.

6. Strengths

E

Engineering-Led Selection

Equipment matched to building type, traffic and shaft geometry.

D

Documentation Discipline

Submission-ready data sheets, GAs and compliance certificates.

L

Local Delivery

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

S

Installation & Commissioning

Coordinated with OEM-trained technicians and project consultants.

Direct supply, engineering accuracy, compliant delivery — vertical transport built for Ethiopia's next decade.