

Discovering Homa's Heartbeat:

COOLING MANUFACTURING



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Homa

The No.1 Refrigerator Exporter



Review The Construction Time-lapse of
Homa New Production Hub



Discover The Flagship of Our
Manufacturing - New Production Hub



HOMA

YOUR PARTNER OF CHOICE

At Homa, manufacturing is the heartbeat of our business. Though we've rarely communicated it publicly, our manufacturing philosophy has been the foundation of our journey.

From a small factory 20 more years ago to the world's choice partner of cooling products, we've evolved alongside our industrial growth.

We invest in **innovation, quality, and efficiency** to build trust and deliver future-ready solutions, all while staying true to our roots.

With every product we create, we are not just building refrigerators; we are building trust and **delivering dreams** to our partners around the world.



Michael Yao
CEO of Homa Appliances

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1

HOMA Production Footprint

The world's first, biggest,
and best cooling production base

THE TRUE COOLING SPECIALIST

Homa ranks **TOP4** among the world's top 6 cooling manufacturers with over **10 million units** produced annually. As the only company solely manufacturing in China and **fully dedicated to export**, we leverage our focused strategy to deliver competitive, high-quality cooling solutions worldwide.

NO.1

Refrigerator Exporter
for 16 Years

NO.1

Refrigerator Exporter to EU
for 17 Years

TOP4

Cooling Producer
in China

TOP4

Cooling Producer
in the World

UNDISPUTED **PRODUCTION CAPABILITY** EXCLUSIVE FOR COOLING

9 Plants + 3 Parts Factory

940,000 m² Production Area = 131 Football Fields

16 M

Units/YR
Annual Capacity

11,500+

Skillful
Production Staff

60,000+

Units Daily
Productivity

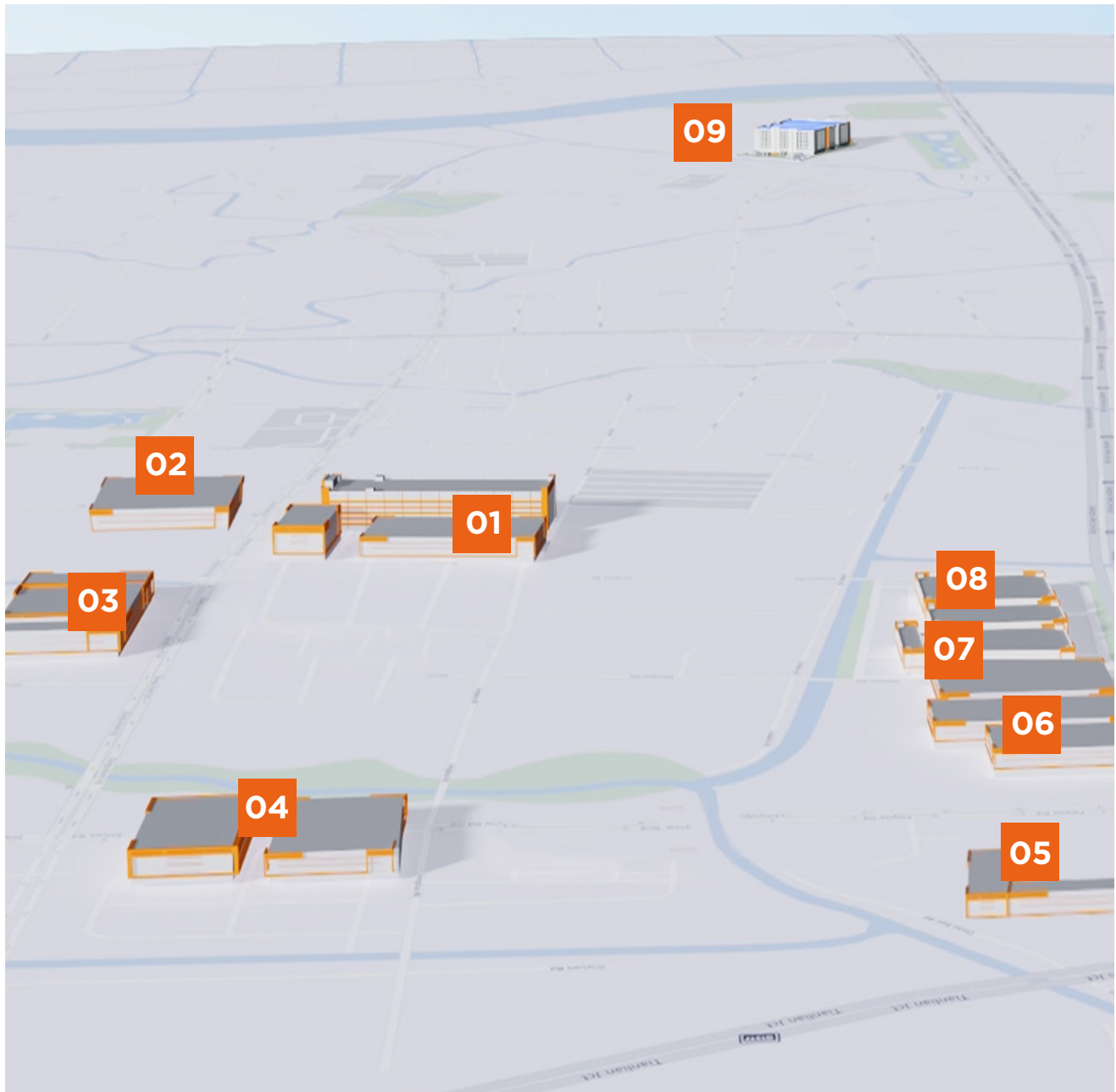
MES

Digital
Management

THE FASTEST GROWING COOLING SPECIALIST

Our strategic manufacturing footprint ensuring cost control, quality, and agility. With a centralised production mapping, we maintain **operational stability** and agile supply chain management, enabling Homa to deliver **consistent excellence** and respond swiftly to market demands.

Plant No.	Kick-off	Manufactured Products
Factory #1	2003	Top mount, upright
Factory #2	2007	Combi, top mount, small or middle size
Factory #3	2008	Table top, small size
Factory ^Component	2012	-
Factory #5	2012	No-frost (combi, top-mount, multi-door)
Factory #6	2015	No-frost side-by-side, big size
Factory #Chest Freezer	2015	Chest freezer
Factory #7	2019	No-frost big size (top-mount, multi-door)
Homa Campus	-	-
Factory #CKD	2020	-
New No-Frost District	2025	No-frost big size



01 Factory #1

02 Factory #Component

03 Factory #3

04 Factory #2

05 Homa Campus

06 Factory #5

07 Factory #6 #7

08 Factory #Freezer

09 Factory #8 #9

QUALITY, EFFICIENCY & FLEXIBILITY FOR MANUFACTURING EXCELLENCE

Homa's manufacturing philosophy is built on seamlessly integrating **quality, efficiency, and flexibility**. As an ODM specialist, we go beyond production—our commercial team proactively translate market insights into meaningful product differentiation. Our R&D team works hand in hand with clients to develop tailored solutions that align with their brand identities while leveraging large-scale manufacturing to maintain competitiveness. Powered by an advanced MES system and digital tools, our quality management ensures precision, consistency, and continuous improvement. At the core of our operations are people and care, fostering both innovation and a workplace culture that drives excellence.





2

SMART MANUFACTURING

Lean, Green, Smart, and Care



MOVING INTO THE FUTURE OF **COOLING MANUFACTURING**

With 20 years of experience as a mature ODM specialist, Homa is advancing towards the future of smart manufacturing through a **dual approach**: global expansion and technological innovation.

Strategically, we are establishing a global **CKD** network to provide industrial solutions tailored to local markets. Tactically, we continue to invest in automation and digitalisation, with our **flagship No-Frost District** factory—set to complete in 2025—serving as a benchmark. Built on the principles of “Lean, Green, Smart, and Care,” it integrates cutting-edge automation, AI-driven testing tools, and digital management systems, setting new standards for smart, sustainable, and efficient manufacturing.



Our Brand New **NO-FROST DISTRICT**

■ Key Metrics

72,000 M²

Site Area

16,000 M²

Logistics Centre

280,000 M²

Campus Floor Area

2,500

Job Opportunities

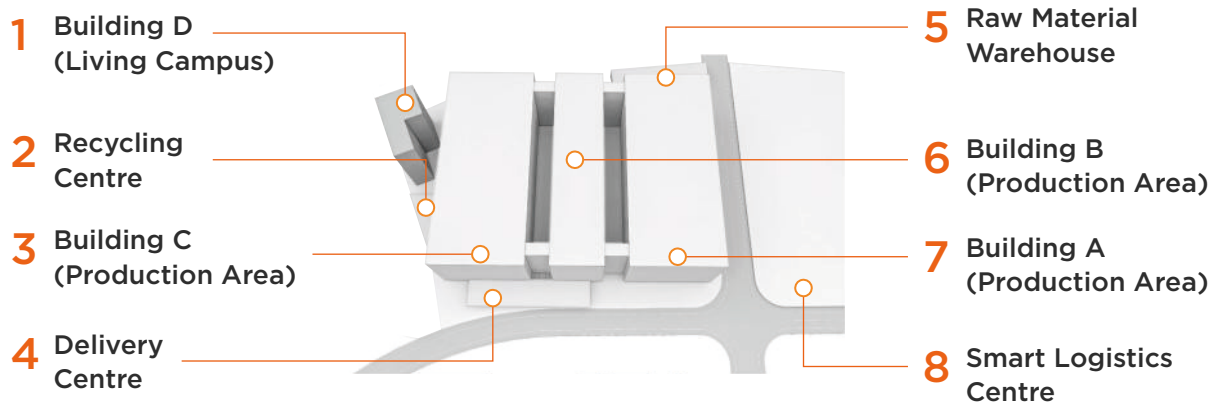
170,000 Units

Warehouse Storage

3M Units

Annual Production Capacity

■ Site Plan Map



1 Building D (Living Campus)

Work-live-play community with human-centred design, provides spaces for recreation and health

5 Raw Material Warehouse

Safe and well-organised management for chemical and non-chemical raw materials

2 Recycling Centre

Collection of recyclable materials and process them for secondary use

6 Building B (Production Area)

The production kicked off at the end of 2023, manufacturing components for big size no-frost products

3 Building C (Production Area)

The production kicked off at the end of 2023, for the big size no-frost products

7 Building A (Production Area)

Factory #9 kicked off production at the beginning of 2025, adding a capacity of 1 million units to the entire hub

4 Delivery Centre

Digital process enables efficient delivery of finished goods to clients worldwide

8 Smart Logistics Centre

Efficient and digital fleet management

■ Design Layout

No-Frost District is a rare industrial setup so close to residential areas, separated only by a narrow waterway. That's why our main goal during construction is to contain production noise, enhance traffic flow and delivery efficiency, and reduce emissions for a greener environment. Designed for both function and aesthetics, the district features interconnected passageways to improve staff mobility, creating a 10-minute walking cycle to any point. The vibrant **orange passageways** reflect Homa's passion for CARE, embodying our commitment to innovative DESIGN and superior FOOD PRESERVATION. This is where our dedication grows stronger



MANUFACTURING FLAGSHIP

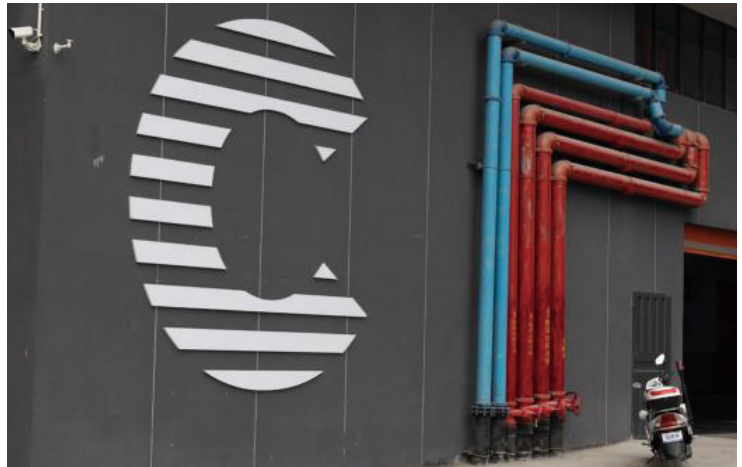


■ Navigation System

No-Frost District integrates two finished goods factories, one parts factory, and a staff living campus, with **six-levels building** sunlike typical low-rise plants. A **clear signage system** ensures efficient navigation.

Inspired by a forest, the signage adopts vertical lines from tree silhouettes, mirroring the building's façade. In morning sunlight, trees cast an orange glow—Homa incorporates this into its signage, from building markers to room signs, blending functionality with architectural harmony.





ABCD

■ Smart Management

Digitalisation

Guided by **human-centric** digitalisation, Homa balances efficiency with workforce empowerment. We use **practical** smart solutions: AGVs improve logistics, AI inspection checks product quality, and our **MES** system connects production data across all departments. With **real-time monitoring on mobile** devices and AI alerts, decisions are made faster, creating a connected factory where technology supports and enhances human collaboration.





Smart Management

Homa is upgrading its No-Frost District with Huawei's advanced smart management solutions. Set for completion by June 2025, the project enhances security, logistics, and energy efficiency through a digital twin ecosystem. Key features include 3D real-time monitoring, security patrols, personnel tracking, logistics optimisation, energy management, and environmental monitoring.





■ Smart Management

AUTOMATION



COMI

Integrated Vacuum Forming Machine for Inner Liner

Arçelik

Electrolux

Whirlpool

Haier

Hisense

Midea



YASKAWA

Side Panel Moving Robot



HENNECKE

Cabinet Foaming Machine

SIEMENS

GEELY



MAFFEI

Innovative Hybrid Foaming Machine





NEW FACTORY #8

Factory #8, launched in October 2023, specialises in producing **No-Frost four-door** refrigerators with an annual capacity of **1.4 million units**.

It features the most seamless and immersive production tour experience, showcasing advanced automation, precision assembly, and a fully optimised workflow.



83,187.6M² Floor Area	150M Annual Capacity	1,000 Staff	1 Production Line	2,000 Units/Shift
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NEW FACTORY #9

Launching in January 2025, Factory #9 is Homa's most flexible No-Frost production site, handling premium models from combi to multi-doors. With an annual capacity of 1.4 million units, it embodies Homa's best-in-class automation and process efficiency.



Multi-door (more versatile)

83,187.6M²
Floor
Area

150M
Annual
Capacity

1,000
Staff

1
Production
Line

1500
Units/Shift



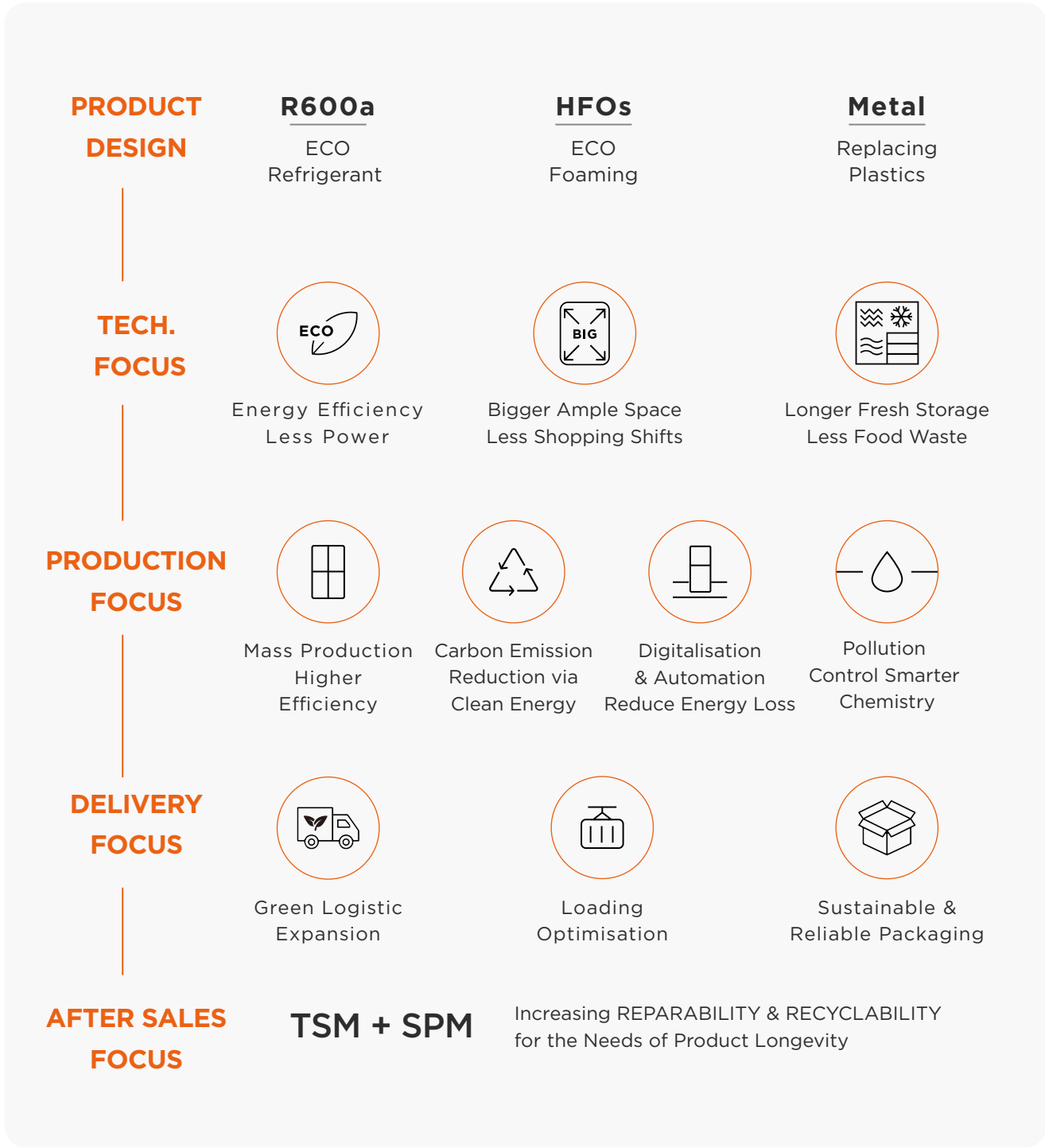


3

**CARE
CULTURE**

DEDICATED CARE FOR OUT PLANET

Our Virtuous Circle with A Cost-effectiveness Philosophy



SUSTAINABILITY

Our Latest Projects



Solar panel

In 2025, Homa's No-Frost District will have its rooftop fully covered with solar panels, contributing to a healthier energy mix.



Electric trucks

Since 2023, Homa and Duckbill have deployed over 90 electric trucks, supported by dedicated charging stations at our logistics centre. With green shipping exceeding 40%, we continue to advance sustainable transportation.

DEDICATED CARE FOR CUSTOMER

At Homa, it's not just about **great products**; it's about building lasting relationships. From the first purchase to the factory tour, we're here to make sure every step of your **journey** is smooth and satisfying. Feedback sessions are also employed in our guided tours to help us continuously enhance our service.

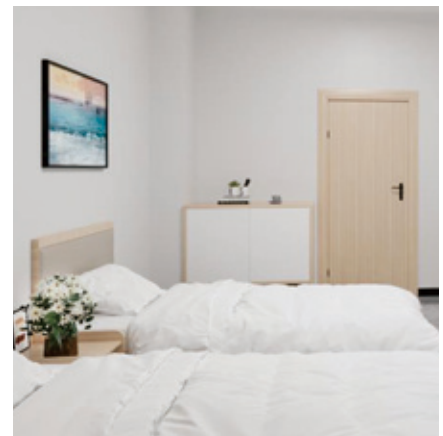


DEDICATED CARE FOR **HOMA PEOPLE**

Homa's **Work-Live-Play** campus promotes a healthy work-life balance with everything within a **30-minute radius**. Our staff enjoy a canteen, gym, library, and recreation rooms, creating a space for both work and relaxation. As a factory close to a residential area, we ensure minimal noise and disruption, showing care not only for Homa employees but also for our surrounding community.

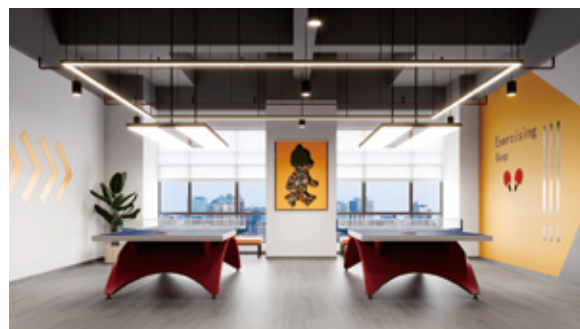
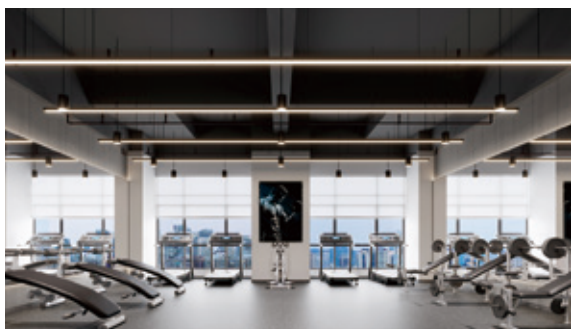
■ Living Campus

Our riverside living campus is a “work-live-play” community. Integrating recreation, fitness and study, the Homa way of CARE for our staff!





The 4,000 m² garden consists of basketball & badminton court, athletic track, spin bikes, reading area and riverside walkaway.



Our living campus is equipped with a double-floor canteen, library, gymnasium, table tennis room and billiard room. We strive to provide our staffs with rich recreational activities after work.

HOMA'S CARE MANIFESTO

**BUILDING STRONG AND LONG-LASTING
RELATIONSHIPS** with all our partners,
associates and clients, based on trust
and mutual respect / **UNDERSTANDING
EACH OTHER and looking for the best,**
personalised solutions, together /
**INDIVIDUALLY CRAFTED PRODUCTS, ON
A GLOBAL SCALE,** to suit the multiplicity
of brand identities and personalities,
that will stand out in the sea of white /
WE ARE ON YOUR TEAM, always and in
every circumstance, ready to support you
/ **EMBRACING OUR SHARED FUTURE,**
moving forward together and broadening
our horizons / CONNECTING YOUR
WORLDS, building bridges between
continents and cultures / **WE HAVE
CHANGED, NOT TO CHANGE, adapting to**
the rapid evolution of society
to keep true to ourselves/

GLOSSARY

CARE Philosophy

A commitment to delivering quality products, fostering long-term partnerships, and ensuring employee well-being through a balanced work-live-play environment.

MES System

A Manufacturing Execution System integrating production, inventory, and workforce data for seamless operations.

AGV (Automated Guided Vehicle)

A robotic transport system optimising material flow and reducing manual handling.

Photovoltaic Project

A solar energy initiative covering factory rooftops, generating clean power to support a sustainable energy mix.

Work-Live-Play (WLP) Campus

An employee-friendly environment with housing, fitness, and recreation facilities to promote work-life balance.

Vacuum Forming Machine

A device that heats and molds plastic sheets to create seamless refrigerator liners.

Side Panel Handling Robot

An automated system that positions refrigerator side panels with precision, improving efficiency.

Hybrid Foaming Machine

An advanced foaming system enhancing insulation while reducing material waste.

AI Vision Inspection

An advanced system using artificial intelligence to detect defects and improve product quality.

Digital Twin

A real-time virtual model of the factory that helps optimise operations and simulate improvements.

Homa

We Take Care of Your Dreams