CORPORATE CATALOGUE

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HTKR PVT LTD

A Unique Energy Efficient Solution Provider

www.htkr.in

Energy Efficient Solutions Portfolio

FLOBO AI • Hydrogen • Geothermal • Heat Pumps • Water Treatment • Solar

Dombivli, Thane, Maharashtra, India



01 FLOBO AI



02 Hydrogen Family



03 Geothermal



04 Heat Pumps & Chillers



05 Water Treatment



06 Solar

ABOUT US

About HTKR PVT LTD

HTKR PVT LTD is a **customer-oriented, reliable and efficient unique system solution provider**, dedicated to serving customers with industry-best energy efficient products and A+ service.

We are a professional application engineering company working in the domains of Nuclear Energy, Process & General Industry and Automotive. With a variety of energy-mix options, we specialise in hybrid solutions for the process industry, backed by in-house R&D and manufacturing of storage vessels and tanks (with a specialty in ceramic lining) along with assembly. The HTKR team brings versatile industrial experience in manufacturing, design, development and servicing for specific industry needs.

Our Vision

To bring innovation and utmost client satisfaction with ethics in the industry processing.

Core Values

Innovation · Efficiency · Reliability · Honesty · Loyalty

Brand Promise

We deliver what we commit, with best-in-class service across the nation and quick resolution of machine-related issues.

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COMPANY AT A GLANCE

Built to Engineer & Deliver

2 Acre
Fabrication setup

25,000 ft²
New facility under construction (Bhoomi Poojan: 30 April 2025)

100/month
Heat pump & chiller production capacity

DPIIT
Recognised startup – Green Technology / Clean Tech

Domains We Serve

- Nuclear Energy
- Process & General Industry
- Automotive
- Aerospace
- Chemical, Plastic & Rubber
- Food & Beverage
- Consumer and Environmental

Design & Manufacturing

A state-of-the-art unit in Maharashtra and a team with over 30 years of experience in designing and manufacturing heat pumps and chillers, built for Indian conditions. Exposure to Good Manufacturing Practice (GMP) from the HVAC industry helped the range achieve EN14511 certification.

Our Services

- Application engineering, technical service & consultancy for complete hybrid solutions
- Providing clarity about energy savings and operating cost
- After-sales service with spares supply
- Logistical support along with QC, test certification & installation report
- Pan-India service support and project management

Manufacturing Facility

HTKR PVT LTD, Umbharli Village, Dombivli Taloja Highway – 421204, Thane, Maharashtra
All India customer service: **+91 9321666455**

Key Product Lines

FLOBO AI | Green Hydrogen | Geothermal | Heat Pumps & Chillers | Water Treatment | Solar | Emergency Response Vehicle | Battery Energy Storage | Dryers | Lasers | Filling & Packaging Lines | Material Handling

RECOGNITION

Awards & Certifications


Certificate Of Excellence

Initiated by

SME CHAMBER OF INDIA
Empowering SMEs for Global Competitiveness

23rd Edition
INDIA SME EXCELLENCE AWARD

Theme
EMERGING SMEs OF INDIA
for marching towards "VIKSIT BHARAT"

Presented to
HTKR PVT LTD
M/s. HTKR Private Limited
Dombivli, Thane, Maharashtra
Emerging SME of the Year Award
(Micro Category)
Manufacturing Sector - Energy & Power
2023-24

Award Received by
Shri. Pramod Hatkar — Director
Smt. Suvarna Hatkar — Director
M/s. HTKR Private Limited
Dombivli, Thane, Maharashtra

Award Presented by
Shri. C. P. Radhakrishnan
Hon'ble Governor of Maharashtra

Chandrakant Salunkhe
Founder & President, SME Chamber of India
05th March 2025 | Mumbai

Registered & Head Office
SME CHAMBER OF INDIA
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www.smechamberofindia.com | www.indiasmeawards.com

India SME Excellence Award

Emerging SME of the Year Award (Micro Category)

Edition	23rd Edition, India SME Excellence Award
Initiated by	SME Chamber of India
Theme	Emerging SMEs of India for marching towards "Viksit Bharat"
Sector	Manufacturing Sector – Energy & Power, 2023-24
Received by	Shri. Pramod Hatkar and Smt. Suvarna Hatkar, Directors
Presented by	Shri. C. P. Radhakrishnan, Hon'ble Governor of Maharashtra
Date & place	05 March 2025, Mumbai



Award ceremony – India SME Excellence Award


CERTIFICATE NO:
DIPP289205

Government of India
Ministry of Commerce & Industry
Department for Promotion of Industry and Internal Trade

DPIIT #startupindia

CERTIFICATE OF RECOGNITION

This is to certify that HTKR PRIVATE LIMITED incorporated as a Private Limited Company on 20-04-2020, is recognized as a startup by the Department for Promotion of Industry and Internal Trade. The startup is working in 'Green Technology' industry and 'Clean Tech' sector as self-certified by them.

This certificate shall only be valid for the Entity up to Ten years from the date of its incorporation only if its turnover for any of the financial years has not extended ₹ 200 Cr.

20-10-2026
DATE OF ISSUE

Scan to Verify

19-04-2030
VALID UPTO

Startup India

DPIIT Certificate of Recognition

Certificate No.	DIPP289205
Issued by	Department for Promotion of Industry and Internal Trade, Ministry of Commerce & Industry, Government of India
Recognised as	Startup – 'Green Technology' industry, 'Clean Tech' sector
Incorporated	20-04-2020 (Private Limited Company)
Valid up to	19-04-2030

Heat pump range: EN14511 certification, as stated in the HTKR Heat Pumps & Chillers brochure.

01

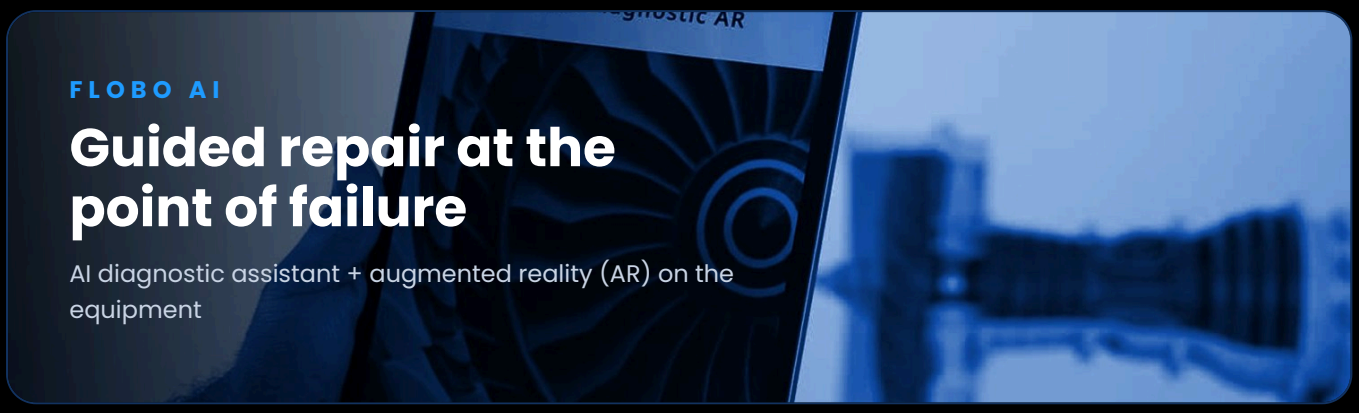
PRODUCT SERIES 01

FLOBO AI

AI that helps figure out what's wrong, and AR that pinpoints exactly where to look – guided diagnostics for industrial field service.

→ FLOBO AI – Overview & Capabilities
→ How It Works – Diagnostic Walkthrough
→ HTKR AI & Hologram Technology

INDUSTRIAL AI · FIELD SERVICE DIAGNOSTICS



FLOBO AI

Guided repair at the point of failure

AI diagnostic assistant + augmented reality (AR) on the equipment

Overview

When a machine goes down, the answer is usually somewhere in the service manual, a service note, or with someone who has already fixed that machine. FLOBO puts that knowledge in the technician's hands at the point of failure. It asks the technician diagnostic questions, looks for supporting evidence as they go along, and uses AR to show exactly where to inspect and what to look for, right on the equipment.

Connects live systems

Pulls context from service manuals, SAP, IoT sensors, historians, CMMS records and past tickets.

Cited, step-by-step guidance

Every recommendation shows the manuals, tickets and sensor evidence it came from.

Abstains when unsure

If the evidence cannot support an answer, it escalates instead of guessing.

Runs on your own hardware

Operational data, OEM documentation and failure history stay inside your controlled environment.

Audit-ready work

Actions and sources are logged for traceability.

AR guidance

Pinpoints the component and inspection point on the physical equipment.

Typical Use Cases

- **Technician enablement** – guided procedures on real equipment and reusable expert knowledge for every shift
- **Live field repair** – correlate alarms, work orders and asset history into cited next steps
- **First-line triage** – resolve, or escalate with the diagnostic trail already attached

Who It Is For

- Maintenance and reliability teams
- Field service and OEM service organisations
- Plants with critical rotating and process equipment
- Teams that want AI without sending data outside their network

DEPLOYMENT & PRICING

Details available on request

Contact **info@htkr.in** for a demonstration of FLOBO AI on your equipment.

FLOBO AI · HOW IT WORKS

Diagnostic Walkthrough

From the FLOBO walkthrough video, a prepared gas-turbine scenario showing how a technician moves from symptom to an approved repair decision:

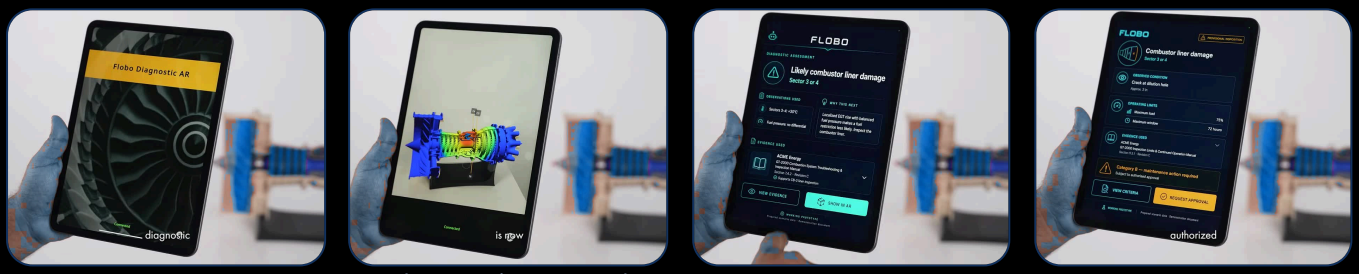
1
Describe the issue
The technician reports the symptom, e.g. exhaust gas temperature running 15° above baseline.

2
Guided questions
FLOBO narrows the likely causes with diagnostic questions and asks for sensor readings via the camera.

3
AR pinpoints
AR highlights the component and the access port to inspect, right on the equipment.

4
Criteria check
The finding is checked against the applicable inspection limits for the asset.

5
Approval & work order
An approval request is prepared for an authorised maintenance lead; FLOBO then guides the next step and prepares the work order.



Stills from the FLOBO walkthrough video (youtu.be/S1s3KdtOvyk)

Deployment

- Designed to run inside your own infrastructure: zero data egress
- Works with existing systems: SAP, historians, IoT platforms, CMMS tools, past tickets and approved document stores
- No new content needed: starts from the manuals, SOPs, work orders and resolved tickets you already have
- A focused single-site pilot typically takes 60–90 days, depending on data access and approvals

HTKR AI & Hologram Technology

- Customised ChatGPT-style AI with or without a 3D model, with a 100% persona
- Runs on the end user's server, with or without internet
- Hologram technology for interactive AI personas
- "Experiential AI" = AR + AI, augmenting workforce capabilities to increase productivity



HTKR AI hologram display (htkr.in)

WATCH THE WALKTHROUGH

youtu.be/S1s3KdtOvyk

Book a demo on your equipment: info@htkr.in | +91 9321666455. Specifications and commercial details available on request.

FLOBO platform information from flobo.ai and the "flobo walk through" video (flobo AI channel, YouTube). The walkthrough shows a prepared demonstration scenario.

CUSTOMERS

Our Esteemed Customers

Trusted by leading public-sector organisations, national missions and industry leaders across India.

Heat Pump & Chiller Customers

Saint Gobain	Lubrizol Industries	Chandan Mukhwas	Adwal Palkar Associates
Dahanu Rubber	Reckitt Benckiser Group	Theobroma	Majisa Chemical Industries
Hindustan Chem Tex	Arnaa Polymers	Akshay Patra Foundation	Nisarg Biotech
Filpak	Raman & Weil	Valley Agro Food Products	50+ Laundries

Logos from the HTKR company profile; heat pump & chiller customer names from the HTKR Heat Pumps & Chillers brochure. All trademarks belong to their respective owners.

HTKR PVT LTD

A Unique Energy Efficient Solution Provider

www.htkr.in

Let's build your energy efficient future.

For specifications, configurations, demonstrations or a quotation for any solution in this catalogue, get in touch with us.

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https://www.htkr.in/HTKR_Master_Catalogue.pdf

Pramod Hatkar, Director

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FLOBO AI | Hydrogen Family | Geothermal | Heat Pumps & Chillers | Water Treatment | Solar | HTKR ERV | H-BESS261

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