

A Transformative Journey

TO GET FUTURE READY



pg. **02**

HLE Glascoat:
Amongst the
Leading Chemical
Process Equipment
Manufacturers in
India



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Management
Discussion
and Analysis



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Managing Director's Message

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To view this report online, please visit: www.hleglascoat.com

A Transformative Journey

TO GET FUTURE READY

Being one of the largest process equipment manufacturers in the world, our name is synonymous with unstinted trust and faith of our customers. Over the years, we have fortified our presence globally as a reliable partner, on the back of our strong ethical pedigree and core values, which stand on passion, excellence, and integrity.

We believe in driving consistent value for our stakeholders and gaining high customer trust. While consistent scaling of capacity, progressive geographic expansion to newer markets and addition of new products will continue to drive growth, we are transforming ourselves and focusing on not only winning today, but also making HLE truly future ready. This future readiness will largely be driven by our effort in the following four areas:

- Strategic Development
- Operational Excellence
- People Practices
- Building a well-managed company

With strengthened capacities, greater efficiencies, state-of-the-art manufacturing facilities, and the vast opportunities presented to us, driven by robust demand in end-user industries, we are poised to transform ourselves and emerge as a world-class company, whose brand recall resonates trust and integrity.





HLE Glascoat: Amongst the Leading Chemical Process Equipment Manufacturers in India

HLE Glascoat Limited is amongst India's most renowned process equipment manufacturers for the chemical and pharmaceutical sectors. We are a part of the Patel Group of Companies established by Dr. Khushalbhai H. Patel.

Shaped by a lineage of state-of-the-art technology, we commenced our journey in 1981, under the title of HLE Engineers Pvt. Ltd., as a manufacturer of chemical equipment. With our ever-increasing global footprint, we have risen to the pedestal of industry reference for Excellence in Engineering. We are also a leading player in the Indian glass-lined equipment market.

We operate three manufacturing facilities in Silvassa, and one in Germany with best-in-class equipment. In 2021, we acquired the global business of Thaletec GmbH, Germany.

Vision



To be the industry reference for excellence in engineering while being socially and environmentally responsible.

Mission



To achieve heights of excellence in providing world-class affordable engineering solutions consistent with cutting-edge innovation.

Values



- Respect and empower people
- Listen to stakeholders
- Create value
- Be ethical and transparent





Marquee clientele

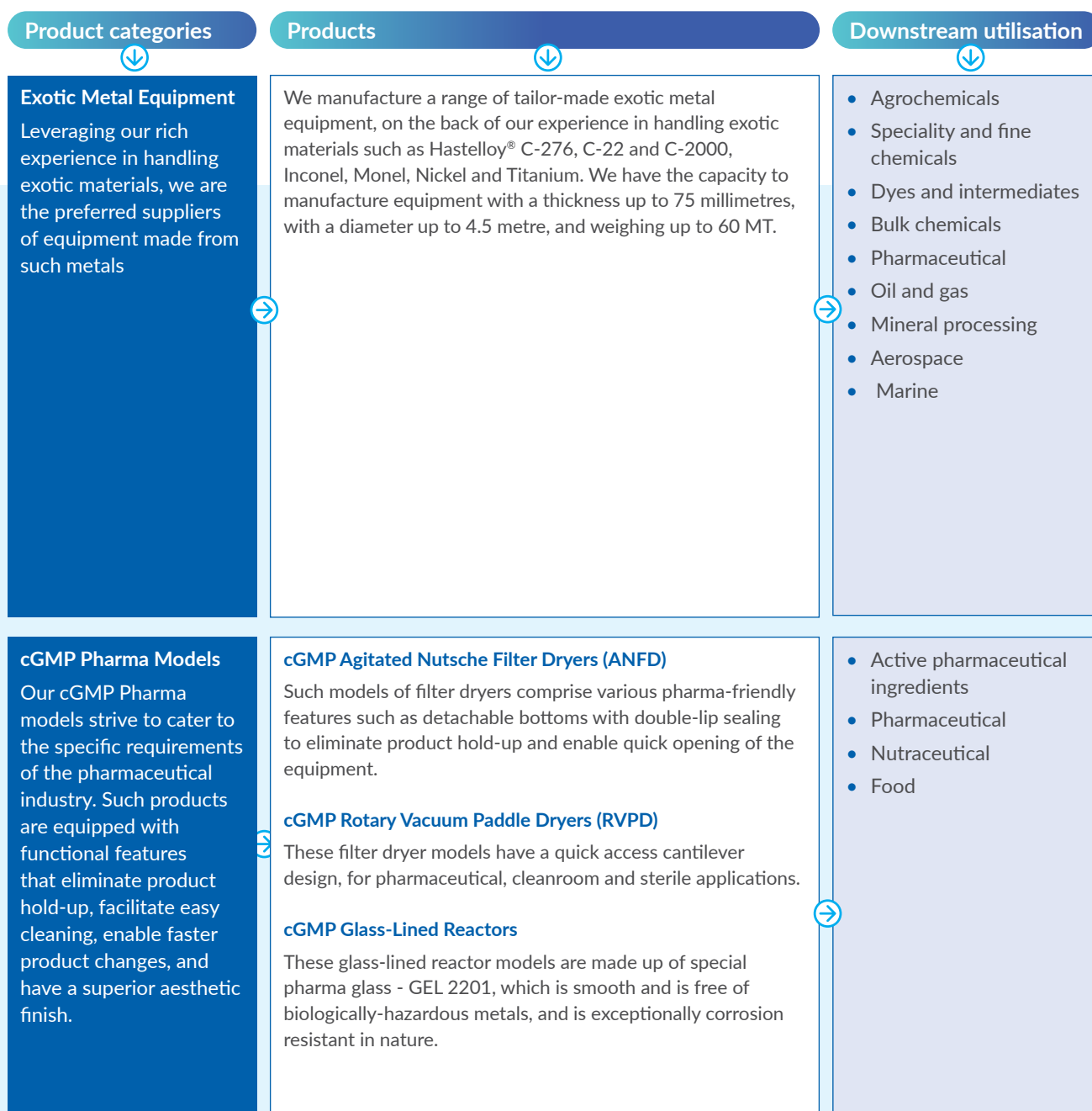




Extensive Suite of Offerings for Diverse Industries

At HLE Glascoat, we offer our clients various products, catering to the requirements of storage, reaction, heat transfer, refining, and solid-liquid separation within the chemical, pharmaceutical, and allied businesses.

Product categories	Products	Downstream utilisation
Filtration and Drying Equipment We offer a range of equipment for filtration and drying of chemical products. These equipment are engineered to cater to specific process needs of our customers	Agitated Nutsche Filter-Dryers (ANFD) This is a versatile solid-liquid separation equipment that can filter, wash, re-slurry and dry the product in a single charge, and in a fully enclosed vessel. Rotary Vacuum Paddle Dryers (RVDP) This equipment is used to obtain dry powder from a wet cake or solution, wherein the powder is dried in batches under vacuum, thus, ensuring the process is economical. Kilo-Lab Filter Dryers This equipment is a scale portable filter-dryer for new-age chemical manufacturers, ensuring filtration, washing and drying of the product in a single charge without transfer. Rapid Disc Dryer-Cooler This patent pending HLE design is a modern take on traditional Paddle Dryers, offering nearly doubled capacity in the same footprint and volumetric capacity. Orbicular Dryer This equipment is a high-end solution for drying of highly sensitive pharmaceutical products while providing very high levels of access for cleaning between batches.	<ul style="list-style-type: none">• Agrochemicals• Speciality and fine chemicals• Dyes and intermediates• Active pharmaceutical ingredients• Pharmaceutical• Nutraceutical• Food
Glass-Lined Equipment We service our customers with an array of glass-lined equipment for applicability across various processes, ranging from storage, reaction and heat transfer to filtration or drying.	Glass-Lined Reactors These are user-friendly reactors, built in accordance with DIN 28136 standards, with a range between 63 and 50,000 litres. Glass-Lined Storage Vessels & Receivers These are horizontal and vertical storages which act like tanks, receivers and application specific tanks such as Bromine Storage tanks. Such tank sizes range between 50 and 65,000 litres. Glass-Lined Heat Exchangers Such heat exchangers are used in plate type and shell-in-shell type constructions, and are available with a heat transfer area of 4 and 10 square metres. These heat exchangers offer greater durability and maintenance-free service compared to other heat exchangers used in corrosive applications. Glass-Lined Columns We have the capacity of manufacturing such columns up to the diameter of 2.4 metres and a length up to 6 metres. With a dedicated infrastructure to manufacture columns, and with over 500 successful installations across the country, we are undisputed leaders in glass-lined columns in India.	<ul style="list-style-type: none">• Agrochemicals• Speciality and fine chemicals• Dyes and intermediates• Active pharmaceutical ingredients• Pharmaceutical• Nutraceutical• Food



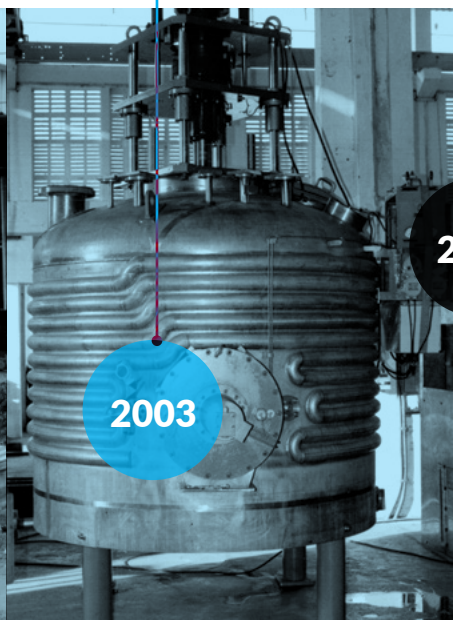
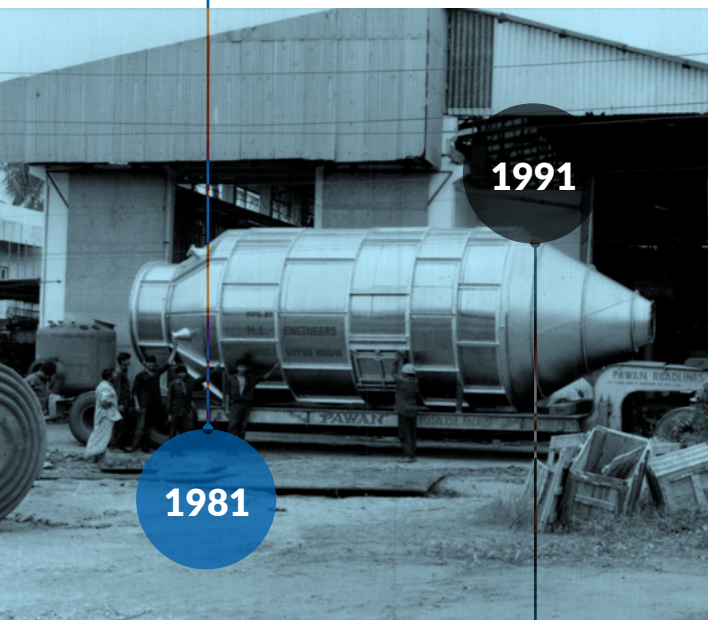


Our Remarkable Journey

Our Group's journey started in 1951, when Indosal Chemicals pioneered the manufacturing of Salicylic Acid in India. Over the years, as our chemical manufacturing business grew, our capability to engineer novel solutions and manufacture reliable equipment for our own use kept pace. Eventually, our Process Equipment business was formalised with the founding of HL Engineers (HLE) in 1981.

HLE embarked on its operations as an equipment manufacturer, for our Group chemical plants

- Set up the Silvassa plant under the name of H L Equipments
- Inaugurated the "Heerasons R&D Centre" at Maroli



Manufactured our First Agitated Nutsche Filter-Dryer, beginning of specialisation in Filtration & Drying

HL Engineers gets incorporated as HLE Engineers Pvt. Ltd.

HLE expands product portfolio to Glass-Lined Equipment, post the acquisition of Swiss Glascoat Equipments Ltd.

Commissioned a greenfield manufacturing facility at Silvassa

HGL acquired additional ownership and profit share up to 99% in H L Equipments

2017

2019

2020

2021

2022

Consolidated the operations of HLE and Swiss Glascoat, under the name of HLE Glascoat Limited through a demerger scheme

HLE acquired the global business of Thaletec GmbH, Germany



Our Global Footprint

Strong Domestic Sales Network and Global Footprint

