

THANK YOU

FOR BEING PART OF OUR JOURNEY



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MADE IN ITALY



COMPANY PROFILE

A SOLID PARTNER
FOR A CLEARER
TOMORROW

GLASS
TECHNOLOGY
SOLUTIONS



OUR HISTORY

Two stories One vision

FROM OMCA AND LUBEN TO LUBEN GLASS

LUBEN GLASS is the result of the synergy between two complementary histories: OMCA, with its mechanical expertise and production know-how, and LUBEN, born from consultancy in chemical solutions for the glass industry

Different origins, the same goal: to support glassmakers with reliable solutions, advanced technology and a long-term partnership

OMCA

MECHANICAL EXPERTISE
FOR THE GLASS INDUSTRY



OMCA was founded with a clear focus on the design and manufacture of mechanical components and equipments

A solid industrial background, built on precision, know-how and a constant drive for improvement

1960s

MECHANICS
AS A CLEARER TOMORROW

LUBEN

CHEMICAL KNOW HOW
FOR GLASS MAKER



LUBEN was founded from the experience in consulting and supplying chemical products for glassworks

A deep knowledge of glass processes and a strong focus on customer support quickly made LUBEN a trusted partner for glassmakers

1980s

CHEMISTRY
FOR A STARTING POINT

DIFFERENT
EXPERIENCES
A STRONGER
TOGETHER

LUBEN GLASS

A NEW CHAPTER THE SAME COMMITMENT

The integration of OMCA and LUBEN brought together mechanical and chemical expertise, creating LUBEN GLASS a single, stronger company, capable of offering a complete range of solutions for the glass industry



10,000 m
TOTAL AREA
A modern & efficient
production site



3
BUILDINGS
Production, assembly
and offices



30+
PEOPLE
A skilled and
passionate team



GLOBAL
PRESENCE
Supporting
glassmakers

LUBEN GLASS TODAY

A solid base for a Brighter future

POPLE - TECHNOLOGY - SOLUTION

Today, LUBEN GLASS is a strong, dynamic and internationally oriented company, combining mechanical expertise, chemical knowledge and a customer-focused approach to deliver reliable solutions for the glass industry



ENGINEERING
BESPOKE SOLUTIONS



PRODUCTION
PRECISION IN EVERY TOOL



MACHINERY
RELIABILITY BY DESIGN

EXPERTISE

Ideas Become Solutions

We invest in *research and development* to create more *efficient, reliable* and *sustainable solutions* for the glass industry.

ENGINEERING KNOW-HOW FOR REAL INDUSTRY NEEDS

We combine deep knowledge of the glassmaking Process with mechanical expertise and practical experience to develop Reliable, efficient and innovative solutions



ASSEMBLY
TURNING IDEAS INTO SOLUTIONS



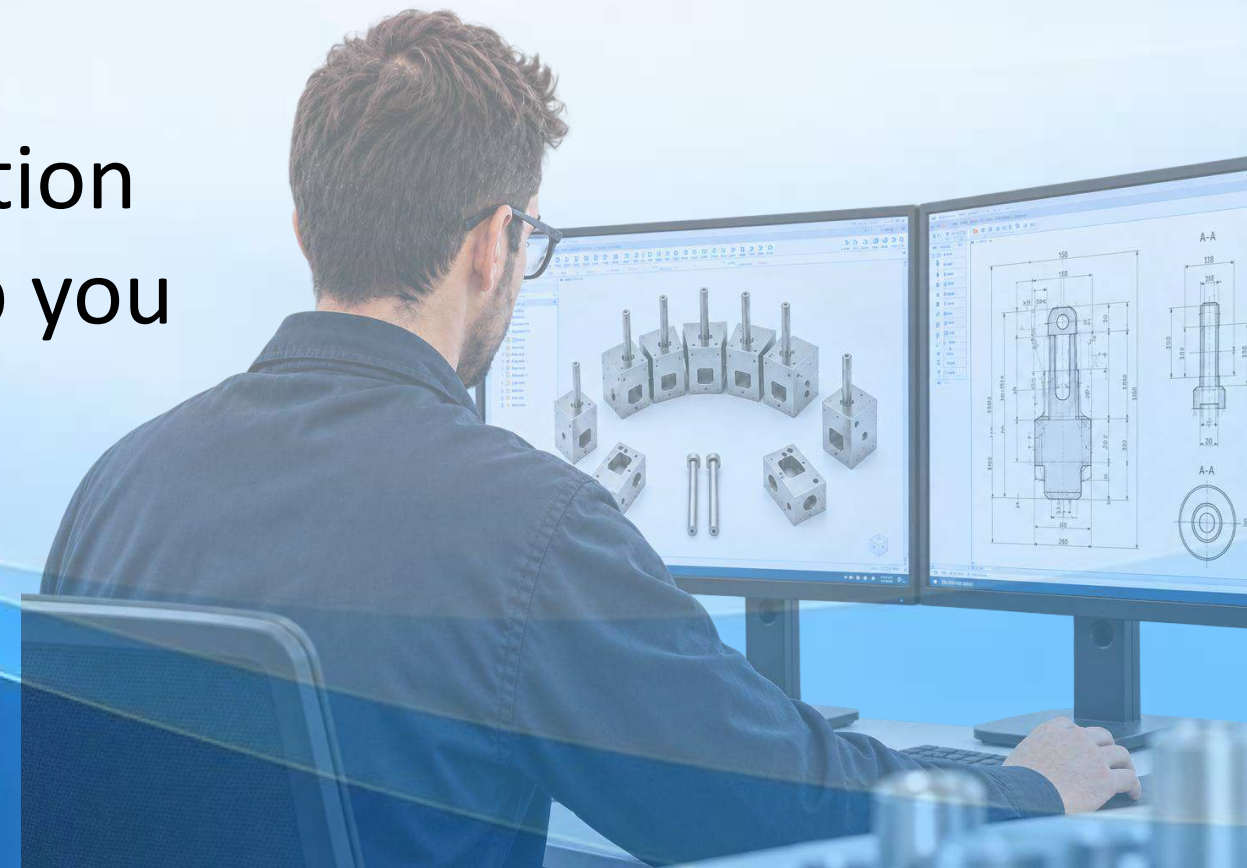
QUALITY CONTROL
RELIABILITY BY DESIGN



STOCK & LOGISTICS
ALWAYS READY WORLDWIDE

R & D

Innovation to keep you ahead



QUALITY

Reliability By design

Quality is at the core of everything we do
We follow strict processes, from raw material selection to final testing, to ensure reliable components and machines that perform in real production conditions

OUR LABORATORY
AND
AIR-CONDITIONED ROOM



COORDINATE
MEASURING
MACHINE



HARDNESS TEST



MICROSCOPE



PROFILE PROJECTOR

PRODUCTION

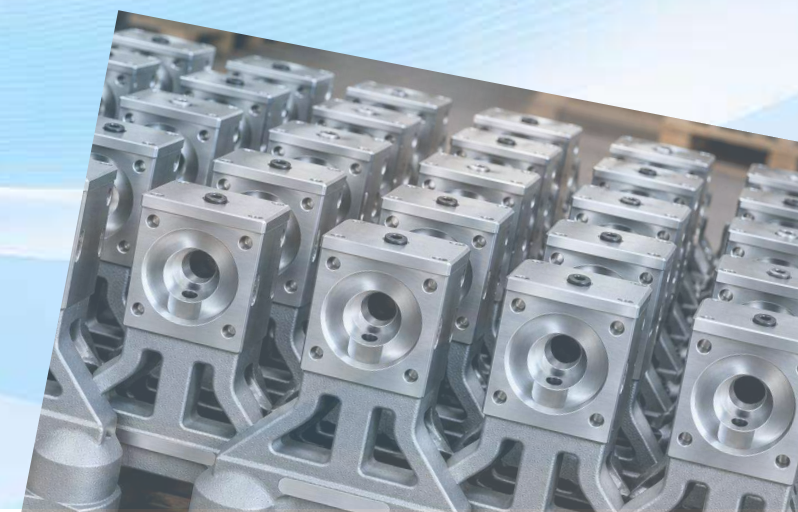
Precision Every day

The production department is equipped with numerous machines that allow us to perform any type of mechanical processing



Support beyond supply

In addition to standard machining operations, we are equipped to carry out any type of mechanical machining, so as to meet even our customers' most specific requirements



VARIABLE EQUIPMENT

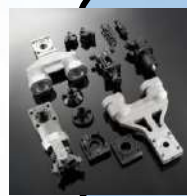
Components To keep the GLASS In shape

PRECISION COMPONENTS
FOR A MORE EFFICIENT
PRODUCTION



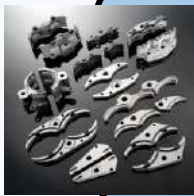
Mould holder

Made from high-quality cast iron, with the option of customization, bushings and wear plates for maintenance



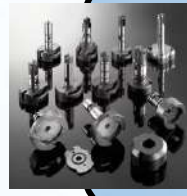
Tong head

Made from lightweight aluminum with tong holders; not only the standard



Inserts

We have a wide range of inserts in casting or special steel



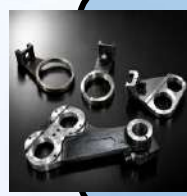
Lock ring

They are fitted with an anti-wear plate to reduce the wear



Neck ring g arm

The neck ring arms are fitted with double spring to give them more resistance



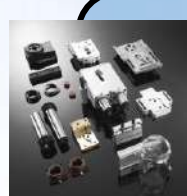
Funnel arms

They could be provided with special sleeves



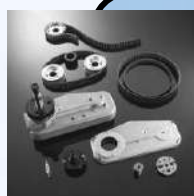
Baffle and blowhead arm

The arms are made of cast iron or aluminum with quick change system



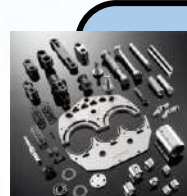
Pusher

Pneumatic pushers are available in cast iron or in aluminum



Take out arm

Our take-outs are equipped with automatic tensioning system

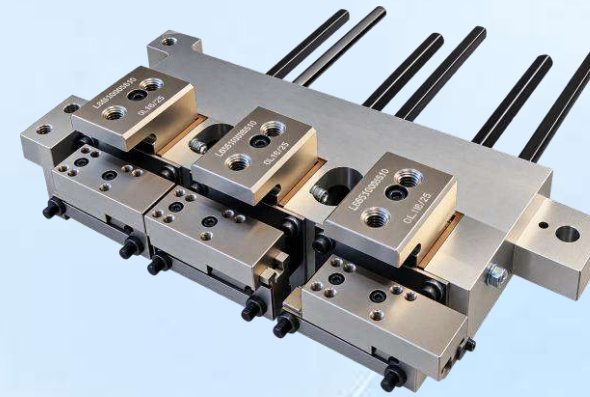


Miscellaneous

We can manufacture any item of hollow glass forming machines

ANY SOLUTION YOUR

Production Require



Precision-engineered **scoops** designed for accurate gob control, smooth glass delivery and reliable performance throughout the **forming** process



High-precision **cartridge** designed for glass forming applications, ensuring accurate **operation**, consistent performance and **reliable** production



Precision **cooling** components designed to ensure uniform **airflow**, effective temperature control and consistent glass forming performance



CHECKING FIXTURES TO ENSURE QUALITY In production

PRECISION TO KEEP YOUR PRODUCTION RUNNING

Our checking fixtures and gauges for variable equipments and moulds help you maintain the highest standards of quality



Mould Holder

Manufactured with a base plate and interchangeable plates



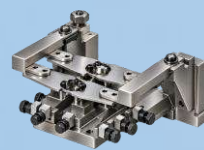
Lock ring

The gauge is easy to use and pocket-sized



Inserts

Extremely easy to use to control insert wear



Shear Blades Alignment

To confirm the correct Blades and arm position



Baffle and Blowhead arm

Can be used to check the wear of baffle & blowhead arms



Tong Alignment

For aligning the tong arm before the production



Neck ring

Allows you to check the alignment and ware of arms

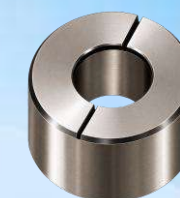


Plunger Alignment

For precise alignment of the plunger mechanism

MOULD GAUGE

Confidence In every detail

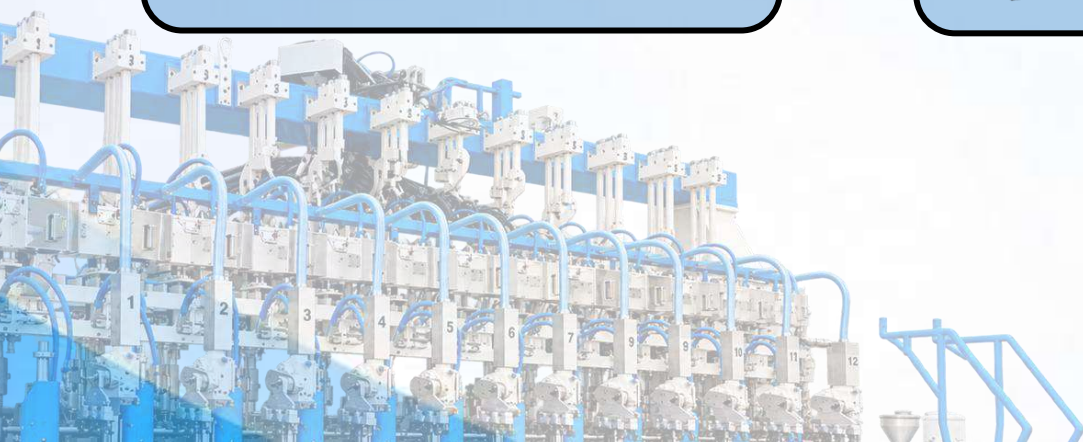
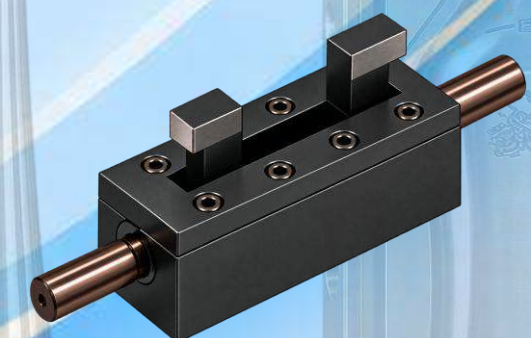
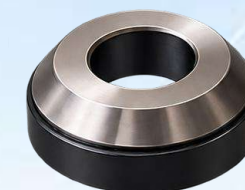


Mould gauges

Precision tools designed for the dimensional inspection of the main components used in glass container production

They allow quick and reliable checking of **diameters, profiles, fitting surfaces** and geometries of **blank moulds, blow moulds, neck rings, bottom plates, baffles and plungers**

Many gauges use the **GO/NO GO** principle, providing a simple and immediate way to verify whether a component is within the required dimensional tolerances or not



PLANTS & MACHINES FOR HOT - END

Turning Processes into Performance

AUTOMATION
EFFICIENCY
RELIABILITY

Our solutions include **lubrication systems and hot end hood** developed to ensure accurate process management, reduced consumption and consistent performance under demanding production conditions

The range includes the **HE-V1 Hot End Hood**, designed for tin oxide coating of glass containers, as well as the **DLCS-evo** and **ILS-evo** systems for precise and controlled lubrication management

ILS-evo

Is an independent lubrication system designed to precisely manage multiple lubrication lines, optimizing oil consumption while ensuring continuous and reliable operation



ILS R

This refilling unit automatically supplies oil to the main cabinet, helping maintain a continuous and reliable lubrication process while avoiding the need for manual refilling

DLCS-evo

Dynamic Lubrication Control System is an automated system designed for precise, continuous and controlled dosing of lubrication products for shear blades and scoops

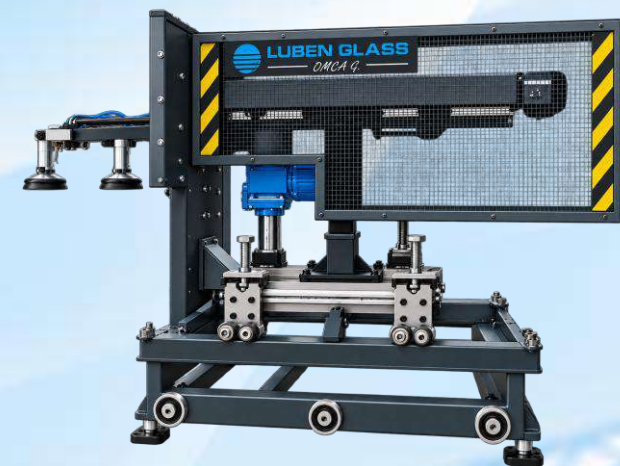


PLANTS & MACHINES FOR MOVEMENT

Engineered For a more Efficient tomorrow

COMPLETE SOLUTIONS
FOR GLASS INDUSTRY

We design and build plants and machines that improve process efficiency, ensure consistent quality and support a safer and more sustainable production environment



STACKER

Designed for simple and reliable handling and stacking of articles of different sizes



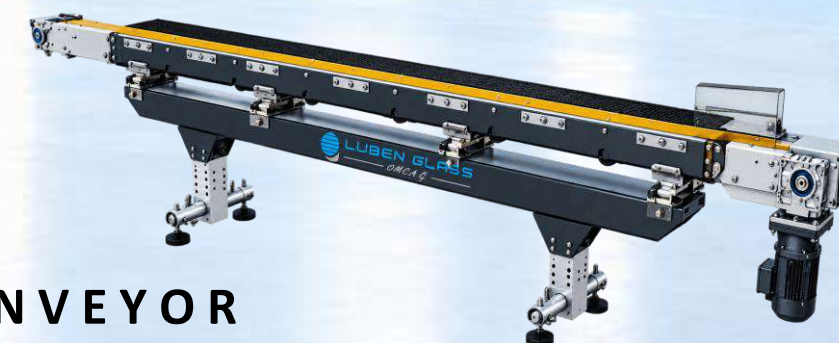
HOIST

Safe and efficient handling of heavy components specifically designed for IS blank side



TRANSFER

It moves glass containers from the conveyor to the cross conveyor adapting to different bottle shapes and sizes



CROSS CONVEYOR

Reliable and efficient conveying of hollow glass containers, designed to minimize maintenance

PLANTS & MACHINES FOR COLD END & LAB

Innovation To keep you Ahead

Our innovative machines helps you maintain the highest standards of performances and safety

Cold End Bridge

Is designed to apply cold-end coating uniformly across the entire lehr width

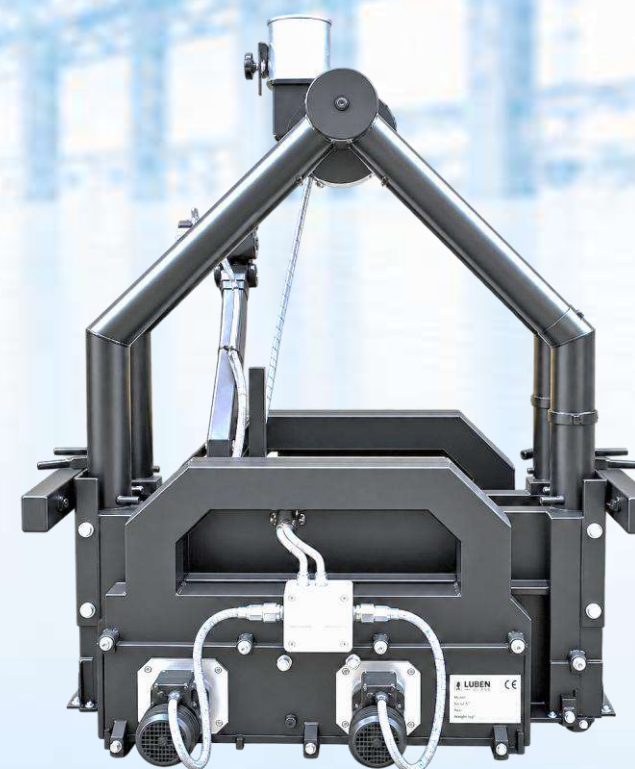


TST
Is a machine specifically designed to perform thermal shock testing on containers



Hot End Hood

Is a high-performance coating system designed to apply a uniform tin oxide layer to glass containers



CVT

Is a machine based on innovative technology developed to measure the volume of containers both at the rim and at the fill level



MACHINES FOR MOULDS

EFFECTIVE CLEANING FOR A LONGER LIFE



GRT

Is a machine specifically designed for shot blasting metal parts; equipped with a rotating table, it allows for the quick and thorough removal of even the most stubborn dirt



Ultrasonic Washing Machine

Is an automated cleaning system designed for moulds and metal parts, using ultrasonic immersion technology to provide effective cleaning without scratching, corrosion or dimensional alteration of the components

VR1-neo

Is a patented vibration polishing system designed to achieve high-quality mould finishing without removing material, extending mould life and avoid manual polishing



MCP V1

Is a polishing machine designed for fast, precise and uniform polishing with brush of internal cavities of the moulds

MOULD I-H

Is an induction heating system specifically designed for fast and efficient preheating of moulds



MACHINES FOR MEASUREMENT & QUALITY

Measure Control

Improve

MCS V1

A fast and highly accurate mould comparator system designed to measure volumetric deviations between moulds, with high precision



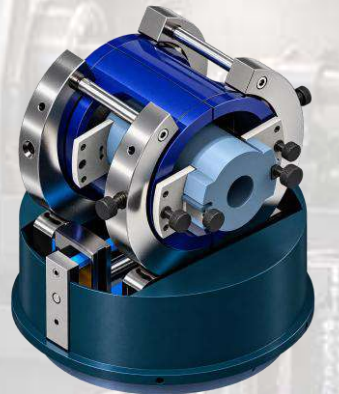
PRE-HEATING KILNS

Are designed for efficient and uniform preheating of moulds



MOULD VISE

Is an innovative mold clamping system that allows polishing and repair operations to be performed in complete safety for the operator



GALAXY

Is an advanced automated measuring system designed for high-precision inspection of neck rings and plungers, combining touch-probe and laser technologies



LMS V1

Is a patented automatic laser measurement system designed for high-precision mould scanning, certified internal volume measurement and accurate 3D comparison with the container project



REPAIRING BENCH

Is a convenient and practical workbench designed for mould shops and comes equipped with all the accessories needed to properly maintain molds and accessories



CHEMICAL SOLUTIONS

Chemistry for a Sustainable Process

TRUSTED FORMULAS
REAL PERFORMANCE

Since 1980s, our expertise in chemical solutions has been supporting glassmakers around the world



We develop and supply high-quality products and tailored formulations to improve process stability, extend equipment life and enhance the overall quality of your production

LBN POLISH S2
Polishing liquid
for moulds
polishing machine



LBN POLISHING 24
New polishing
liquid for VR1



ULTRA-AFS01
Acid for
ultrasonic bath



ULTRA-IDS01
Alkaline liquid for
ultrasonic bath



LBN ECOGLAS
Shear balde lubrication



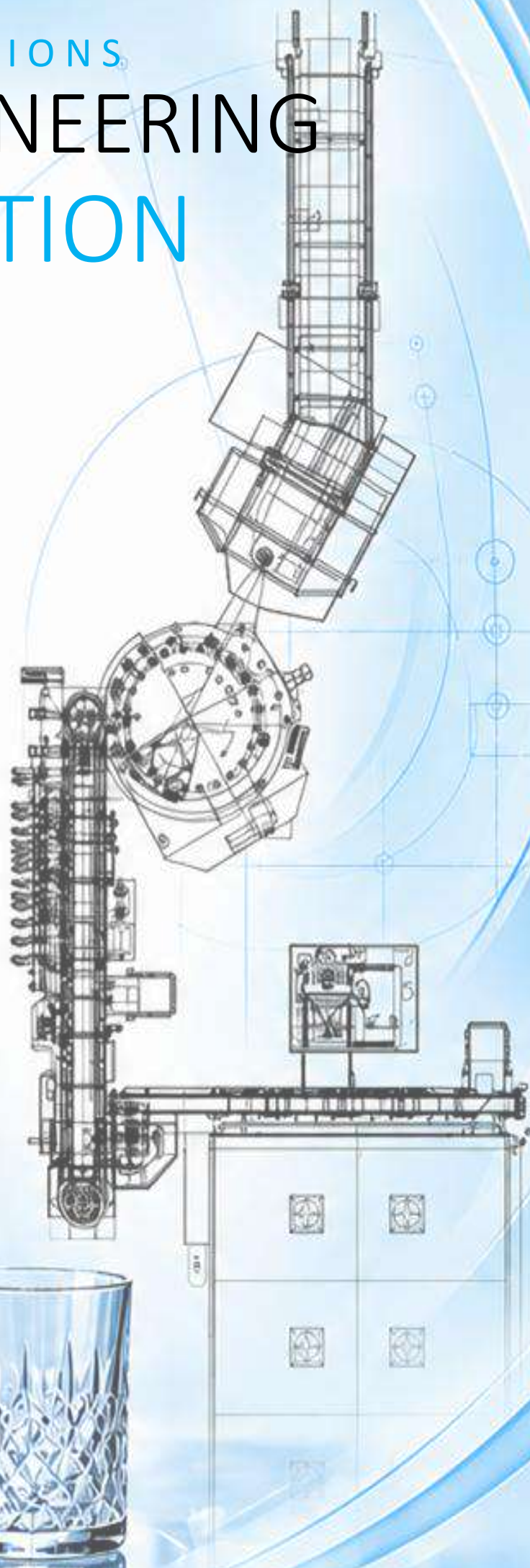
LUBEN GLASS P25
Cold end treatment

COMPLETE SOLUTIONS FROM ENGINEERING TO PRODUCTION

OUR EXPERTISE FOR TABLEWARE

LUBEN GLASS provides tailor-made solutions for the tableware industry, combining engineering expertise, precision components and dedicated technical support

From forming and handling systems to mould equipment, cooling, lubrication and spare parts, we support glass manufacturers in improving process reliability, product quality and production efficiency



KEY COMPONENTS FOR RELIABLE GLASS PRODUCTION



Advanced burner technology for uniform heat distribution, optimized energy efficiency and stable performance



Reliable, precise and versatile take-out solutions, designed to ensure fast, safe handling, improved productivity



Precision-engineered mechanical components designed to ensure reliability, durability and seamless performance across tableware production lines

SERVICE & MAINTENANCE

Keeping Your equipment In perfect working order

Giving its Customers a 360° consulting service, reacting with innovative solutions to specific Customers' needs, LUBEX GLASS ensure an efficient and effective service for maintenance or repair of spare parts, mechanisms, plants and equipment



AUDIT ON SITE

Our team of experts is able to conduct on-site inspections at factories and perform quality audits to improve quality

A COMPLETE SERVICE

From maintenance to performance



MAINTENANCE

Scheduled maintenance to ensure reliability and prevent unexpected stops



REPAIR

Fast and precise repair of mechanical electrical and electronic components



OVERHAUL

Complete overhaul to restore original part to their functions



RELIABILITY
EFFICIENCY
CONTINUITY
FOR A STRONGER
GLASS INDUSTRY

