# Company Profile

Cutting-edge solutions since 1943







# Welcome to the World of Labotek

By Thomas Ringheim, CEO

# Founded in 1943

First of all, thank you for your interest in Labotek. Since its inception, Labotek has been a pioneer of solutions to the plastics industry for decades.

Denmark has strong traditions for design; right from the childhood of plastics, Danish designers saw the opportunities in the new material. From B&O radios made of Bakelite to LEGO bricks, large-scale windmills and footprints in rubber. Danish design is world-famous and appreciated all over the world.

Labotek strives to develop innovative machines and systems, that make a true difference, with a focus on quality, -energy preserving solutions and userfriendly design.

Over the years we have sold more than 100,000 of our hopper loaders; the PGT - many are still functioning, which proves our durability. All in all, Labotek is: products build to last, which is underlined by our extensive indu-stry-leading warranty conditions. Please follow our LinkedIn profile for weekly updates on our organization and offerings.

# We have invested in green technology since 2010

Developing solutions that significantly reduce the power consumption in the plastic industry, has been our mantra for many years. Therefore Labotek is

home to the adap-tive drying system; our Gravi-Dryer®, and the External Heat Recovery (EHR). Both solutions manage to send massive electric energy savings exceeding 80% back into the wallet of the user. Customers have proven our calculations via energy meters. We offer energy calculation as part of a consultation.

# Plastics ARE brilliant, but...

Plastics are brilliant and have changed countless lines of industries and daily life for all of us. Low costs, lightweight, durable and exceptional barrier properties are just a few of its many qualities. However, plastic trash has become a huge issue for the environment, and we have a responsibility to help develop more efficient solutions for recycling.

# Denmark - a country with a green way of thinking

With waste sorting, recycling stations in every municipality, a comprehensive deposit bottle system, district heating and a leader in wind energy.

Though Denmark is almost invisible on the globe, we have a lot to be proud of. Labotek is especially proud to have the Bottle-2-Bottle Recycling **Solution**, developed to support a sustainable plastics industry, where recycled PET is reintroduced into production with consistent quality.



# We are not the Problem but a Part of

# Plastics are brilliant

Plastics are brilliant and have changed countless lines of industries - and daily life for all of us. Low costs, light weight, durable and exceptional barrier properties are just a few of its many properties.

For every 10% reduction of weight in a car, the fuel economy is improved with 5-7%. 20% of the world's largest flight, Airbus A380, are made of carbon–fibre reinforced plastic.

Modern healthcare would not be possible without plastics. MRI scanners, disposable syringes, catheters, implants, tubes etc.

Contact lenses, hearing aids, furniture, windmills, computers, cell phones, tubes, clothes, fiber optic cables, solar cells, packaging - the list is infinite.

We think CO<sub>2</sub> reduction, power consumption and heat recovery into our products whereever possible



# We have a responsibility

Plastic pollution is undoubtedly a major environmental concern, but the tide has turned. EU member states have signed up to a number of legislative proposals on waste, including a 75% target recycling rate on packaging waste by 2030.

As part of the plastics industry, we have a responsibility to help develop more efficient solutions for recycling.

Besides thinking  $\mathrm{CO}_2$  reduction, power consumption and heat recovery into our products where ever possible, we support Operation Clean Sweep.

Operation Clean Sweep is an international program designed to prevent and help keep plastic materials out of the marine environment. Members of the Global Plastics Alliance believe in integrated approaches for managing plastics resources that allow us to enjoy their benefits, without trashing our oceans.

Since 2010 Labotek has invested in green technology.

# the Solution

# **Rethink Plastics**

# Plastics as a resource

In Denmark, plastics from the industry and households are collected, sorted and reused wherever possible. The biggest challenge is the sorting.

More recycling of plastic packaging from households can only succeed, if the plastic is better sorted and this requires the packaging to be designed for recycling.

The packaging must be designed so that it is both easy for the consumer to separate and empty. This requires, e.g. packaging is without grooves, where food residues can get stuck and dry.

The plastic industry, NGO's and food producers are working on reduction of types of plastics for food packaging.

We should be viewing plastic as a resource and looking at how we can keep it in the "clean loop" of recycling.

# Danish deposit and return system

The Danish deposit and return system, is one of the few areas in which producers and importers pay for packaging to be recycled.



# Labotek bottle-2-bottle solutions enable 100% circular re-use of PET

The Labotek Bottle-2-Bottle Recycling Solution is developed to support a sustainable plastics industry, where recycled PET is reintroduced into production with consistent quality.

By crystallizing and drying amorphous PET, the system ensures that 100% recycled materials achieve the required mechanical strength and heat resistance. This makes them suitable for demanding applications such as sheet extrusion, blow molding and injection molding of preforms.

The system is designed for continuous operation, delivering stable performance, reduced energy consumption and lower operating costs – all controlled via a user-friendly Siemens touch-screen PLC interface.

# ISO 9001 & ISO 14001 Certified

# Labotek has been certified since 1995.

At Labotek, quality and responsibility go hand in hand. Since 1995 we have been ISO 9001 certified – a standard that ensures structured processes, consistent product quality and a strong focus on customer satisfaction. For our customers, this means peace of mind: every product and every solution is delivered with the same high standards, every single time.

In 2025 we expanded our commitment by achieving ISO 14001 certification, the internationally recognized standard for environmental management systems. This certification underlines our dedication to sustainability, resource efficiency and reduced environmental impact – values that we see as essential not only for the planet, but also for the long-term competitiveness of our customers.

# Why ISO matters to us - and to you

Choosing ISO certification is not just about compliance. For Labotek, it is a strategic decision. By working within internationally recognized standards, we ensure that our operations are transparent, efficient, and continually improving. This strengthens our ability to innovate, reduce costs, and deliver reliable, energy-efficient solutions to the plastics industry.

For our customers, this means reliable quality and equipment that performs consistently and provides long-term value. It reduces risk, as our proven processes and controls ensure predictable and secure deliveries. It also ensures that sus-

tainability is built into every solution, with ISO 14001 aligning our practices to our customers' own environmental and CSR goals. Most importantly, it offers the reassurance of a long-term partnership with a supplier committed to continuous improvement and global best practices.

# Our ongoing commitment

ISO certification is not a "one-time achievement" – it requires continuous effort. At Labotek, we regularly audit and improve our processes to stay ahead of industry demands. Our environmental initiatives, from energy-saving technologies to smarter material handling, have already proven their value and will be expanded in the coming years.

More examples of our environmentally friendly achievements will be shared in future newsletters, as we continue our journey towards even greater efficiency and responsibility.



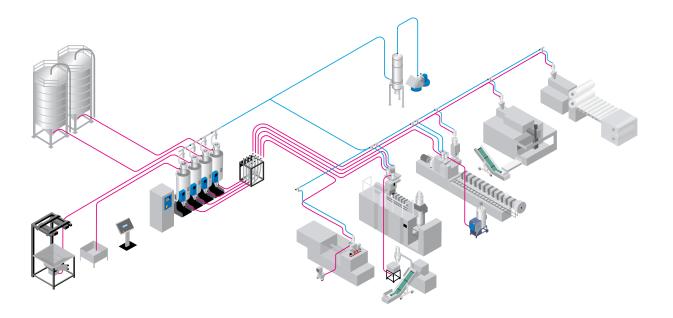








The headquarters of Labotek in Sigerslevøster, surrounded by beautiful green fields.



# Labotek - a pioneer in plastics

Labotek (Laboratory Technology) was founded in 1943 by August Bjerregaard. Originally the company manufactured equipment for laboratory use, but a customer request for drying plastic granules led to the first drying cabinet - developed on the basis of laboratory models.

Gradually production focused more and more on plastics equipment. In 1952 the predryer Continator was invented, designed to be mounted directly on the molding machine instead of the traditional hopper. Soon after came a vacuum molding machine, among other things used for refrigerator interiors.

In 1959 Labotek introduced the vacuum conveyor Con-Evator, transporting plastic granules from sack or silo to the machine hopper. The machine became an immediate success - with more than 100,000 units sold worldwide, many still in operation today, proving the durability and quality of Labotek's solutions. That same year, the company relocated to Sigerlevøster.

In 1983, inspired by Lego, Labotek developed sprue robots for injection molding machines. These automated the separation of sprues and components, saving significant time. To date, 850 robots have been manufactured in five different sizes. In 1999 Labotek was acquired by I.K.I. Invest A/S, a 100% Danish-owned company.

# Labotek today

Today, Labotek A/S is a leading provider of ancillary and centralized systems, developed with the latest technologies for minimal energy use.

Labotek is part of The Labotek Group with locations in Scandinavia, the UK, Germany, and India, supported by a global distribution network of more than 50 dealers and agents.



### Conveying

Vacuum conveyance of free flowing plastics raw material, granules or powder.



# Centralised Systems

Labotek Conveying and Drying systems, known for durability, reliability, environmental responsibility, and energy efficiency.



### Storage

Portable and stationary material bins for indoor/outdoor storage of raw materials. Indoor/outdoor silos for storing of granular materials.



# Dosing & Mixing

Mixing, dosing, or grinder emptying for virgin materials, regrind, masterbatch, and additives.



# Drying

Hot air or desiccant drying of hygroscopic and non-hygroscopic granular material and regrind. Energy preserving technology.



### Control

Labotek's Control series takes full control of materials handling requirements. Unmatched flexibility in configuration options.





We are starting

> Dryers and weighing equipment by Labotek

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New line

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# Discover our Culture



Without people to develop, purchase, do the cleaning, manage, produce, sell and maintain our products, we cannot sustain our business. Every single part of the chain is important.



# International Sales

Our dedicated sales team have developed their skill base from different backgrounds and knowledge. They will do anything to find a solution to your challenge and will be happy to visit you, to discuss the scope of the challenge.



# **Project and Technical** department

The Project and Technical department are situated at the headquarters in Denmark, where they among other things, develop new solutions in close co-operation with the Sales department, who know their customer's needs.



# **Customer Care & Spare parts**

In Customer Care and Spare parts, you will meet our very helpful staff, who will go the extra mile to solve your problems. Even though a spare part may no longer be produced. As our machines are known for their durability - you can be sure they will find a solution.



# How we work

At the first contact with a new customer, the task is thoroughly analysed by the Sales Team, where everyone offers their respective knowledge and skills. Depending on the nature and complexity of the task, a project manager from the Technical Department will be involved.

Subsequently the Project Manager will take care the task from start to finish, and involve all the necessary departments throughout the company.

We shall invite the customer to visit our factory, if we are going to build a large complex system.

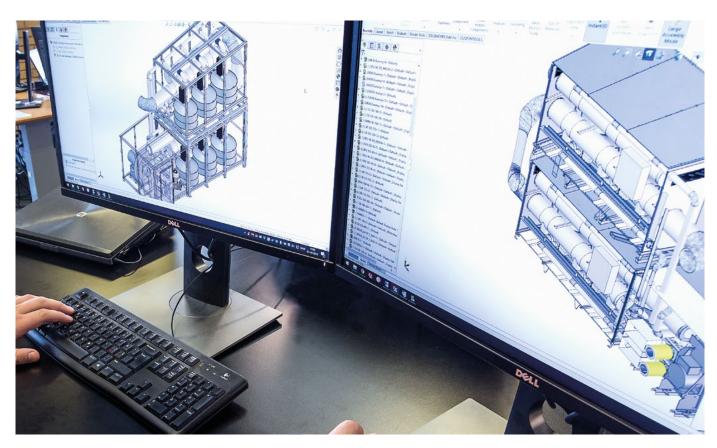
To keep costs down, online meetings are held along the way, so all expectations are clarified before delivery.

The Project and Technical department has a key function in our company, improving the performance of our products and ensuring component reliability...

# Emergency hotline service 24 hours

Time is money, and it is not always enough to have the best products. Therefore, our Service Engineers receive continuous training so that we are able to provide the best and most efficient service possible.

Our Service Contracts are tailor-made to our customers' requirements and we guarantee regular service and maintenance of our equipment.





# Vision

Our vision is based on a deep understanding of our customers' needs and behavior.

We strive to always meet our customers' expectations and we believe in building long lasting relationships. We aim to be the preferred supplier in the platic industry and an attractive partner for Original Equipment Manufacturers and distributors.

# Mission

Labotek' s mission is to be a partner for the plastics industry and through our products and know-how, contribute to increased profitability for our customers.

# Quality

Labotek must ensure, through procurement and production that produced and delivered products are qualitatively on a par with other European manufacturers.

### ISO certified since 1995

Equipment from Labotek must comply with all national and international standards and regulatory requirements within the business area. Labotek has been ISO certified since 1995. Quality assurance in Labotek happens through continuous process control.

Quality should be at a level, so it is possible to offer the best guarantee & return policy.

When dealing with Labotek you'll find an organisation bursting with enthusiastic and talented people

# **Business**

Through our motivated and committed employees we can deliver process equipment, advice and service to the plastic industry. We must internally develop and keep abreast with the latest technology in drying, conveying systems and solutions - and must be informed of the plastic technology in general.

It is important to us to manufacture products which are competitive in both price and quality. Since we do not possess skills in all production areas, we have decided that outsourcing is a part of the manufacturing process.

# Our core values are:

- Experience, knowledge and competence
- Focus on service
- Commitment

# Training & education

Education is provided to customers and distributors on an ongoing basis.

Knowledge sharing through education of distributors and customers is the core of our values.

We strive to have yearly education meetings with all our partners. Moreover, we distribute educational materials, helping our customers to get the best results with plastic granule processing.

As our customer, we provide training of your people at the time of installing new equipment. If you need additional training and education, we would like to hear from you too.

On an on-going basis, we train the operatives within our international distribution- and service network, in how to install and service our equipment.

Zero downtime is our goal. High quality results are our seal.

At Labotek, we are happy to enter into a dialogue with you, to explore the best solution that meets requirements, in the most costeffective way.

Best regards the Labotek Team

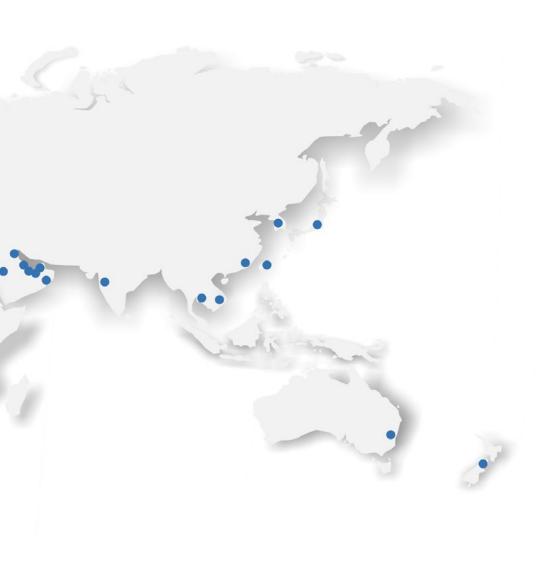
# Distributors all over the W



Find your local Labotek representative



# orld



The Labotek group are placed in Scandinavia, Germany, United Kingdom and India, and have a worldwide distribution network of more than 50 dealers and agents.

# **Europe**

Albania

Belgium

Bosnia & Herzegovina

Bulgaria

Croatia

Czech Republic

Denmark

Estonia

Finland

France

Germany

Greece

Hungary

Iceland

Ireland

Italy

Latvia

Lithuania

Macedonia

Norway

Poland

Romania

Serbia & Montenegro

Slovakia

Slovenia

Spain

Sweden

The Netherlands

United Kingdom

# **Outside Europe**

Algeria

Argentina

Australia

Bahrain

Belarus

Central America

Chile

China

Colombia

Dominican Republic

Egypt

India

Israel

Japan

Jordan

Korea

Kuwait

Mexico

Morocco

New Zealand

Oman

Panama

Paraguay

Qatar

Russia

Saudia Arabia

South Africa

Taiwan R.O.C

Thailand

Tunisia

Turkey

UAE

Ukraine

Uruguay

USA

Vietnam



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