

1807
2007
YEARS

BUCHER

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simply great machines

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Editorial

Dear Reader,

What began 200 years ago as a small blacksmith’s shop has been built up over several generations into a state-of-the-art, global technology group specialised in mechanical and vehicle engineering. We look back with intense admiration and pride at the countless industrial pioneering achievements accomplished by Bucher. It is with great pleasure, not to mention humility in the face of this long industrial tradition, that we are applying our innovative spirit, perseverance and courage to continuing its impressive success story. This brochure is designed to give you an insight into our company and business. I hope you find it interesting and enjoyable to read.



Philip Mosimann, chief executive officer

Bucher Industries key figures

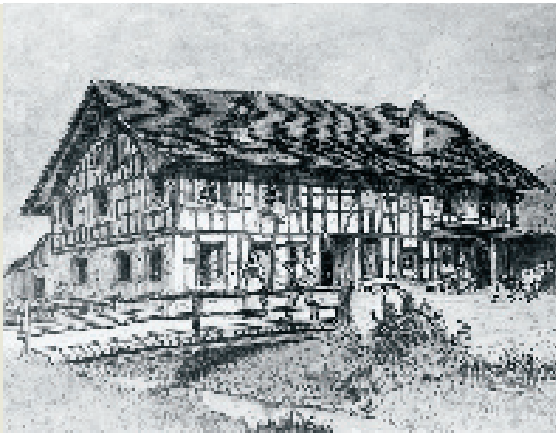
Sales in CHF million	2 500
Number of employees	7 500

Bucher's current manufacturing sites around the world



1807

Blacksmith Heinrich Bucher
Heinrich Bucher (-Weiss) (1784–1850) started running a blacksmith’s shop situated in a small hamlet near Niederweningen on the Zurich cantonal boundary, planting the economic roots of the Bucher Group.



1874

Company registration
The blacksmith’s shop, then employing four people, was registered as a company under the name of “Johann Bucher, mechanische Werkstätte, Fabrikation von mechanischen Bestandteilen landwirtschaftlicher Maschinen”. Johann was Heinrich Bucher’s grandson.

1918

Renamed Bucher-Guyer
The company, by then called Maschinenfabrik Johann Bucher-Manz, was renamed “Maschinenfabrik Jean Bucher-Guyer”. Its workforce had grown to 150.

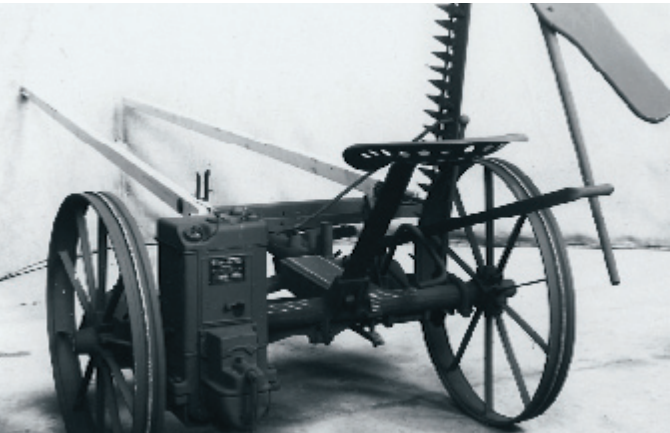
1921

Successful “Luna”
The “Luna” centrifigal slurry pump was a success, finding a ready market in Switzerland and other countries.



1934

Engineer Walter Hauser
Walter Hauser (-Bucher) (1904–1967) gradually took over the management of the business employing 215 people in Niederweningen and 40 in Griessen. A horse-drawn mower with an auxiliary engine was Bucher’s first motorised agricultural machine to come on the market.



Our roots lie in solid mechanical workmanship that we have developed and honed over 200 years to deliver comprehensive expertise in mechanical, vehicle and hydraulic engineering. Our hallmark is our profound understanding of quality and pursuit of technical perfection.

Bucher yesterday

Over its history, Bucher has played a key role in technological progress and made many pioneering contributions that make people’s work easier, enhance performance and improve the quality of goods manufactured. In two centuries, what began as a small old blacksmith’s shop has evolved into Bucher Industries, a global corporation employing 7 500 people.

In 1807, Heinrich Bucher (-Weiss) started running a small 15th century blacksmith’s shop in Niederweningen. His grandson, Johann Bucher (-Manz), went on to build the business into an engineering works for agricultural machinery.

Jean Bucher (-Guyer) took over from his father in 1904. Alongside its growing agricultural machine distributorship selling imported products, Bucher made its mark as a leader with its own hydraulic fruit and grape presses. Its first “Luna” centrifugal slurry pumps came out in 1921. With their patented design, these pumps sold extremely well in Switzerland and other countries.

In 1934, Walter Hauser (-Bucher) gradually took over the management of the business, then employing 215 people in Niederweningen and 40 at the German subsidiary established in Griessen in 1923. Adding a third manufacturing business in 1946, the company acquired a stake in Kuhn Frères & Cie., an agricultural machinery manufacturer in Alsace. During the fifties, Bucher continued to flourish with its four-wheel tractor, small single and twin axle tractors and a range of harvesting and tillage equipment. In the early sixties, in-house tractor production was replaced by the “Fiat” tractor distributorship for Switzerland.

Walter Hauser’s three sons, Hans, Rudolf and Thomas, took the helm in 1967, concentrating their activities over the next 40 years on developing core businesses with leading market positions. During 1986, the family-owned company floated its bearer shares on the stock exchange. Then in 1998, Bucher acquired its fifth core business, Emhart Glass, the foremost supplier of machinery for glass container manufacturing. Today, three out of the five divisions of Bucher Industries are world market leaders in their respective areas of expertise, and the Group ranks among Switzerland’s top ten performers in the mechanical engineering sector.

1946

Bucher invests in Kuhn
Bucher-Guyer acquired a stake in Kuhn Frères & Cie., a French agricultural machinery manufacturer in Saverne, and expanded the business.

1954

First Bucher tractor
The first four-wheel Bucher tractors came on the market. Rapidly becoming one of the foremost Swiss tractor manufacturers, Bucher-Guyer was to deliver a total of 5 000 by 1964.

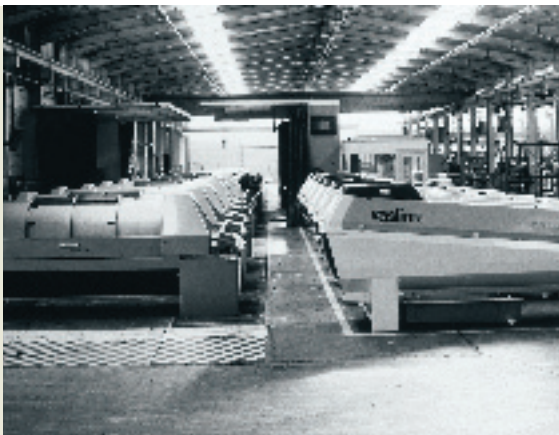


1965

The pioneering HP 5000
The first HP 5000 universal fruit press was delivered, bringing a major step forward in streamlining fruit, berry and vegetable processing to produce clear juices.

1986

Vaslin and going public
Bucher acquired CMMC, a French grape press manufacturer, operating today as Bucher Vaslin. The company marketed its leading wine making equipment worldwide under the “Vaslin” and “Bucher” brands. In the same year, “Bucher Holding” bearer shares became listed on the stock exchange. The group generated 430 million francs in sales and had 2 730 employees.



1991–1994

Municipal vehicles
Bucher acquired the sweeper and snow blower business of the Swiss firm Rolba Kommunaltechnik AG. In 1994, it purchased Schörling’s truck mounted sweeper operations and established Bucher Schörling GmbH, a German company based in Hanover.



Bucher today

Today, Bucher Industries is a global technology group engaged in state-of-the-art mechanical and vehicle engineering, with manufacturing facilities on all continents. Our company comprises five divisions specialising in industrially related areas. Their businesses operate in established markets offering substantial growth and earnings potential for innovative products, supported by geographical diversification.

Our roots lie in solid mechanical workmanship, steadily developed over two centuries into comprehensive technological expertise in hardware, software and processes. To this day, Bucher’s hallmark has been its pursuit of quality, precision and cost-effectiveness, coupled with its quest for customer satisfaction, trust and long-lasting business relationships.

Our company’s development and progress has always been, and will continue to be, driven by our ongoing commitment to updating and improving products, processes and organisational structures. Through intensive innovation and development work, we strive to secure and leverage our competitive advantage and market success, further strengthening each of our divisions’ positions in the European and world markets. The experience, knowledge, professional dedication and entrepreneurial spirit of every one of our employees are the invaluable assets that allow us to continuously innovate and deliver shareholder value.

Financial health, profitability and creditworthiness are the essential ingredients without which Bucher Industries would not have been able to grow and offer the products and jobs it does today. Our healthy financial position is the foundation for ensuring the company’s future independence and prosperity for the benefit of all stakeholders.

Global leaders at the forefront of the market and technology

Kuhn Group is the leading supplier of specialised agricultural machinery for hay and silage making, bedding and feeding, fertilisation, soil preparation and seeding in every corner of the world.

Bucher Municipal manufactures state-of-the-art municipal vehicles for cleaning and removing snow from public and private spaces to meet the needs of customers around the world. It holds the largest share of the European sweeper market.

Bucher Process is the world’s foremost manufacturer of wine making and fruit juice processing equipment and also offers process technologies for the food industry and sludge dewatering.

Bucher Hydraulics plays a key role as a supplier of custom hydraulic drive solutions for mobile, industrial and elevator applications through its large number of manufacturing facilities and sales companies in Europe, Asia and the USA.

Emhart Glass is the world’s leading supplier of machinery and components for glass container forming and inspection. Its manufacturing equipment for the glass container industry ensures that glass will remain the perfect packaging material for food, beverages, cosmetics and pharmaceuticals.

1994

Hydraulics expansion
The acquisitions of Hidroirma in 1994, Beringer Hydraulik in 1996 and Hydrotechnik Frutigen in 1997 set the stage for Bucher Hydraulics to blossom into a global business.



1994

“Duro” for the army
Having gone into production in 1994, about 3 000 “Duro” all-terrain vehicles were delivered to the Swiss army.



1998

Emhart Glass acquisition
Moving into another core business, Bucher invested in acquiring Emhart Glass, the leading supplier of machinery for glass container manufacturing.



2003

Three disposals
Bucher sold its power mower business, discontinuing the manufacture of agricultural machinery at the Niederweningen site. It also disposed of the remaining operations of the former Laeis-Bucher machine division and the “Duro” all-terrain vehicle business.

2005–2007

Single class registered shares
In 2005 “Bucher Industries” single class registered shares were floated on the stock exchange and Bucher acquired the sweeper business of UK-based Johnston Sweepers. In 2007 the Group generated CHF 2 500 million in sales, had 7 500 employees and acquired US-based Monarch Hydraulics.



Our products provide years of invaluable service to our customers, making agriculture more productive, beverage processing healthier, public spaces more liveable and machines more effective.

Divisions

Kuhn Group

Bucher Municipal

Bucher Process

Bucher Hydraulics

Emhart Glass

Kuhn Group

It is no coincidence that Kuhn Group has several product families that are world leaders today or that the Kuhn brand is recognised in more than 80 countries. This is entirely due to the high commitment of every one of our employees to a common goal: ensuring the satisfaction and loyalty of our customers. None of this would be possible without the support and confidence of all partners. Applying the ONE concept throughout the business, each of our competence centres, distribution facilities and logistics centres uses the same methods to continuously enhance growth and profitability.

Michel

Michel Siebert, Kuhn Group division president

Kuhn Group key figures

Sales in CHF million	950
Number of employees	3 100



1828

Decimal scales
Joseph Kuhn, a blacksmith in Saverne, started making decimal scales.

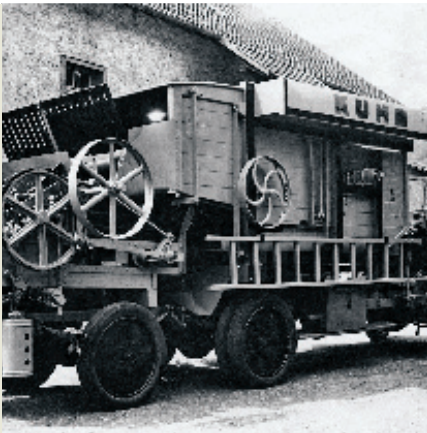
1864

First farm machinery
Production of farm machinery started, with new manufacturing facilities being built on the present site.



1928

1 000 machines per annum
Kuhn, then in its centenary year, was manufacturing about 1 000 harvesting machines a year.



1946

Mechanisation
Bucher-Guyer acquired a stake in Kuhn, marking the beginning of agricultural mechanisation and a business that has thrived steadily ever since.

1967

Leading disc mower
Kuhn launched the revolutionary GMD disc mower, triggering its remarkable advancement to conquer the world market. Kuhn became the world's leading manufacturer of disc mowers.



Since 1987

Global manufacturer
Kuhn grew to be a global manufacturer through selective acquisitions of the French companies Huard, Audureau and Nodet, followed by Knight in the USA and Metasa in Brazil. Today, Kuhn is a world acclaimed manufacturer of agricultural machinery with a presence on all continents.



Decades of experience and continuous development have made Kuhn Group the leading supplier of specialised agricultural machinery for hay and silage making, bedding and feeding, fertilisation, soil preparation and seeding in every corner of the world. Farmers, large or small, and agricultural contractors will find just the right machines to suit their needs among Kuhn Group's wide-ranging spectrum of products.

Kuhn Group

Farm machinery for the future Kuhn Group's products boast exclusive features that make them superb workhorses. Kuhn Group offers one of the broadest lines of hay and silage making machinery together with feed mixing and delivery equipment. A wide variety of mounted and semi-mounted ploughs, PTO-driven and non-PTO driven soil preparation tools, highly accurate seed drills and precision seeders, if required in combination with seedbed preparation machinery, satisfy every primary or secondary tillage need and seeding requirement, from conventional seeding after ploughing to direct seeding.

Purpose-built and highly functional Customised manure and fertiliser spreaders are designed to meet present-day requirements for both productivity and environmental protection. Incorporating corrosion-resistant stainless steel components and coated vanes, our fertiliser spreaders are built to last. For landscape maintenance, Kuhn Group offers machines which particularly excel through their high manoeuvrability and technical refinements.

Perfect results In hay and silage making, disc mowers featuring a cutter bar with hydropneumatic suspension and a safety breakaway mechanism ensure clean feed, a quality cut and utmost safety. Our bedding and feeding machines deliver maximum performance, reliability, comfort and safety. The virtues of our mixer feeder wagons include a wide milling head, gentle ration mixing and fast, even distribution of mixed feed rations.

Satisfied customers Agricultural machines are subjected to severe working conditions. Robust design, sophisticated metering and adjusting devices and specific quick release systems for wearing parts reduce costs of operation and ensure a long service life.

Our broad range of products and widespread network of dealers and distributors in over 80 countries are there to meet farmers' requirements for specialised agricultural machinery and agrotechnical advice.





Bucher Municipal

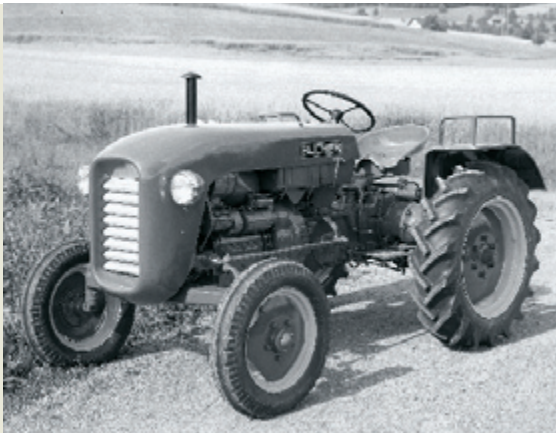
We understand and live up to our responsibility to society and the environment, focusing throughout on functional engineering, environmental friendliness and driving comfort. We owe it to our customers around the world to deliver nothing but the best. Every one of our employees dedicates his professional commitment, long experience, broad technical expertise and resourcefulness to meeting their high expectations day in, day out. Backed by this solid foundation, we are ideally equipped to satisfy our customers’ needs and requirements, both today and tomorrow.

Michael Häusermann, Bucher Municipal division president

Bucher Municipal key figures	
Sales in CHF million	550
Number of employees	1500

1954

First four-wheel tractors
Following on from the successful launch of power mowers, Bucher introduced its first four-wheel tractors in 1954. The company rapidly grew to become one of the foremost Swiss tractor manufacturers.



1967

Two-axle mower
The Tractomobil TM 700 was the first two-axle mower featuring four-wheel drive, front and rear PTO shafts and implement hitches, and a hydraulic front implement lift system. It was launched under the motto “do more with less effort behind the wheel”.

1991

“CityCat” sweeper
The company acquired the Swiss firm Rolba Kommunaltechnik AG in Wetzikon, entering the sweeper business with the well-known “CityCat” brand.



1994

Bucher Schörling GmbH
Bucher purchased the truck mounted sweeper business of German-based Schörling in Hanover. The “Duro” all-terrain vehicle developed for the Swiss army went into production in Switzerland. Out of the total of 3 600 “Duro” all-terrain vehicles produced, more than 3 000 were delivered to Switzerland’s armed forces.

2003

Winter maintenance debut
Bucher acquired a stake in Giletta S.p.A., an Italian company providing the perfect entry into winter maintenance business with spreaders and internally manufactured snow ploughs.

2005

Strong market position
The European and Australian sweeper operations of UK-based Johnston Sweepers Ltd. were taken over. This acquisition strengthened Bucher Municipal’s market position in Europe and opened access to the Australian market.



Bucher Municipal

Bucher Municipal manufactures state-of-the-art municipal vehicles for cleaning and removing snow from public and private spaces to meet the needs of customers around the world. Our compact sweepers, truck mounted sweepers, snow removal equipment and spreaders ensure high cleaning performance, ease of operation and environmental compatibility whatever the weather conditions.

Ecological and durable Our compact sweepers are ideal for navigating the most confined spaces. Featuring conventional, articulated or four-wheel steering, they are extremely manoeuvrable and designed to operate precisely, efficiently and effectively in urban areas. Delivering outstanding performance, they protect the environment from exhaust emissions, dust and noise. Our low-noise truck mounted sweepers set the world standard with their extremely strong suction and cleaning power. Robustly built and coming with a choice of different hydrostatic drive systems, they are made to last and ensure maximum operational efficiency and availability.

Powerful and versatile Our airport sweepers keep airports functioning all year round. Engineered for versatility, these machines work reliably across the globe, clearing leaves, sand, gravel or metal parts with a suction or blowing nozzle, picking up aircraft de-icing fluid or serving as prime movers for snow sweepers.

Excellence in quality With their high engine power, hydrostatic transmission and blower drives, four-wheel steering and long casting distances, our snow blowers master the most demanding tasks on motorways, over mountain passes and at airports. Ideal for dry or liquid material, our range of spreaders is designed for servicing small to large road networks and for use at airports.

Successful distributorship Bucher Landtechnik AG, a member of the division, has been importing well-known tractor makes, combine harvesters and other agricultural machinery for decades, distributing them across Switzerland through a network of premium brand dealers.

Leading supplier Bucher Municipal has competence centres dedicated to building powerful sweepers and winter maintenance equipment to keep roads clean and safe and airports functioning around the world.



Bucher Process

More than 160 years of experience in fruit pressing have made us what we are today: the world's leading supplier of machinery and equipment for producing quality wines and apple juice concentrate. At the end of the day, it is our active culture of innovation focused on customers' needs that has yielded our popular line of products, such as destemmer-crushers, presses, mills and filtration systems. Our motto "Your success is our priority" is the driving force behind our passion for healthy fruit juices, high quality wines and maximum operational efficiency. In addition, we devote our process engineering skills to new markets, such as sludge dewatering.



Jean-Pierre Bernheim, Bucher Process division president

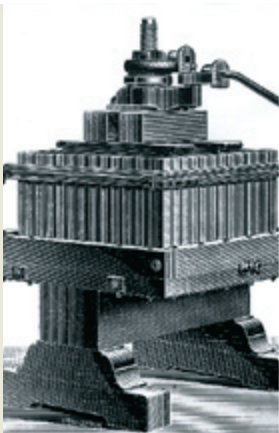
Bucher Process key figures

Sales in CHF million	200
Number of employees	500



1874

First grape presses
Johann Bucher (-Manz) started making grape presses and beet cutters.



1965

Revolutionary juice press
The first HP 5000 hydraulic universal fruit press was delivered. This brought a major step forward in streamlining fruit, berry and vegetable processing to produce clear juices. This pioneering achievement earned the company its position as the world leader in equipment for producing fruit juice concentrate.

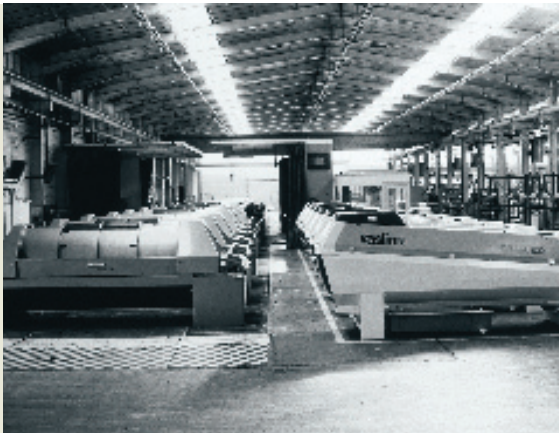


1976

Sparkling champagne
The company launched a horizontal pneumatic grape press with electronic control, to be followed later by a model specifically designed for use in champagne making.

1986

CMMC acquisition
The acquisition of the French firm CMMC (today Bucher Vaslin) positioned Bucher as the world's market leader in wine making equipment.



1990

More reliable destemming
The Delta destemmer-crushers brought another quantum leap in streamlining grape processing. Gentle, mechanical separation of grapes from their stems and leaves reduced manual labour and improved the reliability of this important production step.

2004

Boon of reverse osmosis
Reverse osmosis technology was adopted and refined, allowing wines of even higher quality to be produced.

Bucher Process

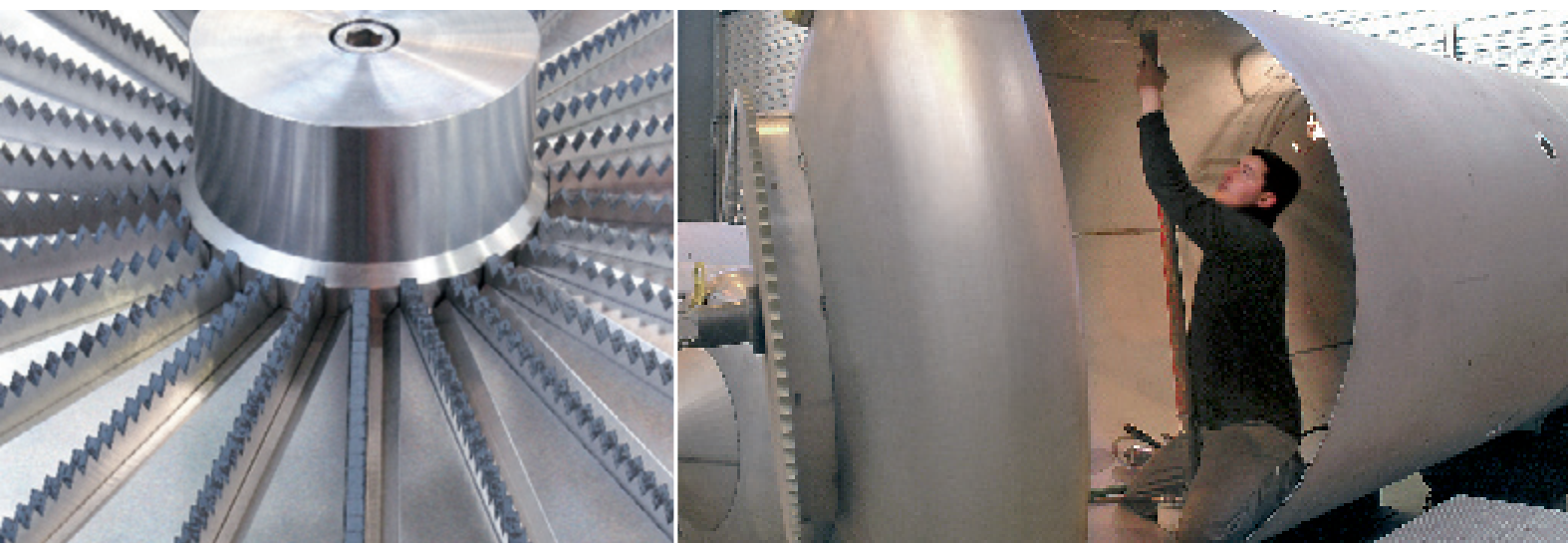
Bucher Process specialises in process technologies for the food industry and sludge dewatering. We are the world's leading manufacturer of process equipment for wine and fruit juice producers. ISO-certified management systems help us assure the high standards of quality expected of our products.

Machines for flavour All around the globe, people enjoy healthy apple juices, exquisite wines and tasty dried foods produced with Bucher machinery. Our range encompasses processes and products for making wines and fruit juice concentrate and a line of vacuum drying equipment for gentle treatment of heat-sensitive products.

Clear, top quality juices Bucher Foodtech, a Bucher Process business unit, is the No. 1 supplier of fruit juice processing equipment. State-of-the-art fruit reception lines, highly sophisticated mills, hydraulic presses with a special patented drainage system, and extremely sensitive membrane filtration systems produce a maximum yield of stable, top quality juices with very low sediment content.

Full character wine Tried and tested the world over, the grape and wine processing equipment from Bucher Vaslin produces the finest quality wines and grape must. The machines designed for gentle grape processing can be flexibly adapted to different grape varieties and qualities. Special fermentation systems monitor the wine quality very meticulously to ensure maximum extraction of flavour, colour and tannins.

Optimum drying Bucher Drytech, the third business unit of Bucher Process, is the leading specialist for vacuum drying technology in the international food industry. A modified Bucher press has also been engineered for dewatering sludge. Once dewatered, the sludge can be incinerated directly without any additional heat treatment. This is both kind to the environment and cost-effective.



Comprehensive expertise in process engineering is a key ingredient for Bucher Process's success as a global technology and market leader.



Bucher Hydraulics

We have not achieved our goal until our customers are successfully selling their products featuring our hydraulic systems. Our formula for success is based on our commitment to attentively build and intensively cultivate relations with our customers and on knowing all about their diverse and demanding applications. This is what enables us to keep developing innovative, customised solutions that we implement in close partnership with our customers and suppliers.

Daniel Waller, Bucher Hydraulics division president

Bucher Hydraulics key figures

Sales in CHF million	500
Number of employees	1 500

1923

Jean Bucher (-Guyer)
Swiss manufacturer Jean Bucher (-Guyer) (1875–1961) established a subsidiary in the southern German town of Griessen to make his famous “Luna” pumps. During the 1930s, hydraulic fruit and grapes presses and orchard sprayers were also produced there.



1952

Tractor hydraulics
Bucher’s oil hydraulic systems were used in tractors. Manufacturing began with the FB series piston pumps. These were followed by the production of rotary valve controlled axial piston pumps and directional control valves for tractor power hitch and front loader control.

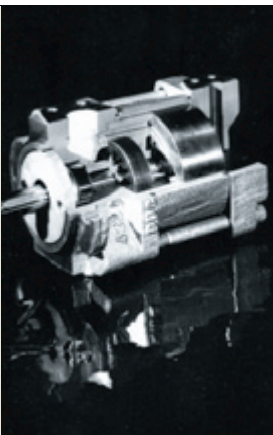
1963

Factory expansion
Bucher’s factory premises in southern Germany were enlarged. A workforce of 160 people was producing a wide variety of products, ranging from hydraulic components to presses and motorised agricultural equipment.



1968

“Whispering pump”
The internal gear pump was launched on the market, enriching the world renowned line of hydraulic components made by Bucher. In the years that followed, the so-called “whispering pump” was to conquer the world market.



1994–2007

Hydraulics
Bucher acquired Hidroirma (Italy, 1994), Beringer (Switzerland, 1996), Hydrotechnik Frutigen (Switzerland, 1997) and Monarch Hydraulics (USA, 2007). These acquisitions set the stage for the global hydraulics business operating as “Bucher Hydraulics”.

2007

Highly automated
What began in the 1950s with job production of valves has now evolved into highly automated production lines providing the foundation for technology leadership around the world.



Bucher Hydraulics is a leading international manufacturer of state-of-the-art hydraulic systems designed to meet the highest demands for technology, safety and quality. Responsive to the needs of our customers, we offer a range of products encompassing pumps, motors, valves, power units, elevator drives and control systems. With our large number of manufacturing facilities and sales companies in Europe, Asia and the USA, we are ever present in the market and never far from customers.

Bucher Hydraulics

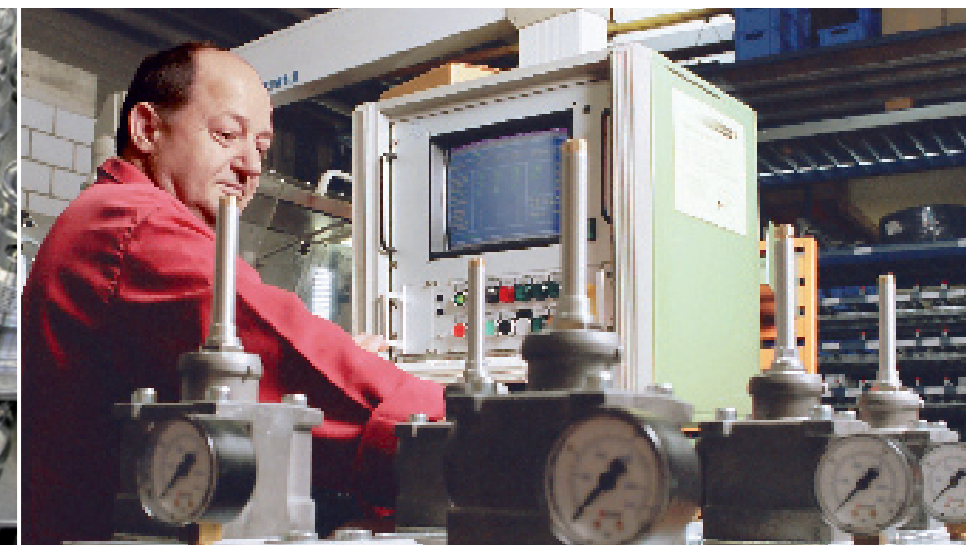
Focus on customer needs Hydraulic systems are used wherever movements and high forces need to be controlled in confined spaces. For our customers, we design and manufacture innovative hydraulic drive and control solutions tailored specifically to their requirements.

Leading-edge technology State-of-the-art tools and techniques enable us to speed up development processes and deliver technically mature solutions faster. Our high level of technical expertise is based on intensive, application-oriented development work. We at Bucher Hydraulics incorporate advances in electronics and simulation, testing and sensor technology directly into the design of new products.

Performance-optimised products Our specialists have years of experience and vast technical expertise in applications for agricultural machinery, construction machines, materials handling and lifting equipment, systems engineering, elevator hydraulics, power engineering, municipal equipment, waste management and mechanical engineering in general. We can offer a huge range of products, encompassing high-quality hydraulic and electronic components, together with software system solutions.

Valuable development potential Combining electronics and hydraulics opens up new applications. To assure the highest quality standards, we conduct exhaustive tests and analyses continuously throughout the whole process, from development of the first prototype to mass production. Committed to meeting economic and ecological requirements alike, Bucher Hydraulics also devotes close attention to reducing pump noise, optimising efficiency and recovering energy in hydraulic systems.

We set world standards in the design and manufacture of custom hydraulic drive solutions for mobile, industrial and elevator applications.



Emhart Glass

Glass containers are the ideal packaging choice for quality, hygiene and ecological performance. Having invented the underlying manufacturing principle some 80 years ago, Emhart Glass has ranked as the world’s market and technology leader in this area ever since. Production lines equipped by us make a good 95 billion glass bottles a year. That is one-third of all the bottles produced worldwide. Operating from three development centres and five manufacturing facilities in the USA, Europe and Asia, Emhart Glass provides state-of-the-art machine technology to support the glass container industry in its ambitious quest to make the ultimate packaging solution.

Martin Jetter

Martin Jetter, Emhart Glass division president

Emhart Glass key figures

Sales in CHF million	400
Number of employees	1 100



1912

Keystone development
The Hartford-Fairmont Company, later renamed Emhart Glass, was founded in the US town of Hartford. It pioneered the first shear and feeder mechanisms that became the basis for the modern glass container manufacturing process.



1924

Ingle & Smith patent
Henry W. Ingle and Charles Goodwin Smith applied for the famous patent for a glass blowing machine and method, termed an “IS glassware forming machine”. IS stands for “Individual Section”. The first four-section IS machine successfully went into operation in 1927.

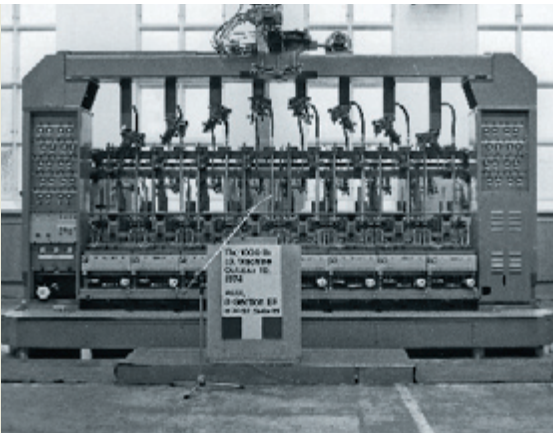
1952

European expansion
Emhart Glass acquired Aktiebolaget Sundsvalls Verkstäder, a Swedish machinery manufacturer. Expansion continued across Europe with offices opening in the UK, Switzerland and Sweden, followed by Germany and Italy during the sixties.



1974

Popular IS machine
New products brought a vast increase in machinery production. In 1974, Emhart Glass already shipped its 1 000th IS machine. At the same time, the company unveiled its first electronic control system which was to gain worldwide acceptance.



1980

Quality inspection systems
Emhart Glass demonstrated its first Aida inspection machine in Brussels. In 1982, it acquired Powers Manufacturing Inc., a US company based in Elmira with an international reputation for quality cold end inspection equipment. Emhart Glass was now a complete systems supplier, covering all aspects of the glass container manufacturing process.

1998

Emhart Glass acquisition
Bucher acquired Emhart Glass as another core business. In 2000, Emhart Glass launched the first servo-electric IS machine.

Emhart Glass

Our superior innovative capabilities have positioned Emhart Glass as the world market and technology leader in manufacturing equipment for the glass container industry. Our machines, components and systems for glass conditioning, glass forming, ware handling and inspection ensure that glass will remain the perfect packaging material for food, beverages, cosmetics and pharmaceuticals.

Unrivalled worldwide The revolutionary servo-electric NIS glass forming machine from Emhart Glass is at the heart of any modern glass container production line, establishing standards of precision in glass forming and process control. Web-based control technology interfaces the hardware and software that direct the key processes. These range from conditioning of the molten glass stream to seamless motion coordination of the complex mechanisms required for high efficiency, flexibility and production quality.

Leading-edge inspection systems To produce absolutely flawless glass containers, manufacturers must be able to depend on accurate, high-performance inspection systems to check every single glass container reliably. We offer a full spectrum of inspection machines using state-of-the-art vision and sensor technology. These allow our customers to provide consumers with attractive glass containers highly efficiently, reliably and with precision.

Tempered glass The glass containers of the future will be both lighter weight and tougher. Emhart Glass is committed not only to optimising and refining the current glass container manufacturing process, but also to developing new glass forming techniques. This brings the dream of “unbreakable” glass containers closer to reality.

Good for the environment and health Glass is a natural raw material. There are no limitations on how many times a used glass container can be melted down and made into a new glass container, using less energy than it took to make the original container. Being chemically and biologically inert, glass protects people's health and conserves the environment.



The precision of our machines makes glass the perfect packaging choice. Glass containers are absolutely safe to health, can be recycled forever and have a strong emotional impact.

Bucher’s history

- 1807

Heinrich Bucher (-Weiss) (1784–1850) took over the Murzeln blacksmith’s shop in Niederweningen.
- 1817

A fire destroyed the blacksmith’s shop, and a new “headquarters” was built by the Surb River.
- 1844

Heinrich Bucher (-Bucher) (1815–1876) took over the blacksmith’s shop.
- 1853

Water power now drove the bellows and hammer in the workshop where agricultural implements were made.
- 1871

Johann Bucher (-Manz) (1843–1919) took over the business. Four employees.
- 1874

Business registered as “Johann Bucher, mechanische Werkstätte, Fabrikation von mechanischen Bestandteilen landwirtschaftlicher Maschinen”.
- 1890

Bucher was also selling imported agricultural machinery.
- 1891

The Wehntal railway was opened, with Niederweningen as its terminus.
- 1891

Bucher had great success selling McCormick mowers made in the USA.
- 1895

Collaboration with Fahr in Gottmadingen, Germany. Imports of fork hay tedders.
- 1896

Company renamed “Maschinenfabrik Johann Bucher-Manz, Niederweningen”. 30 employees.
- 1897

A Sulzer 25 hp steam engine powered some 30 machine tools.
- 1901

First hydraulic fruit press with a 600 bar high pressure pump.
- 1904

Jean Bucher (-Guyer) (1875–1961) took over the company’s management.
- 1918

Company renamed “Maschinenfabrik Jean Bucher-Guyer”. 150 employees.
- 1921

The “Luna” centrifugal slurry pump found a ready market in Switzerland and other countries.
- 1923

“Maschinenfabrik Johann Bucher” established in Griessen, South Baden.
- 1931

The “Mostfritz” fruit press won new customer groups.

- 1934

A horse-drawn mower with an auxiliary engine was Bucher’s first motorised agricultural machine.
- 1934

Walter Hauser (-Bucher) (1904–1967) gradually took over the management of the business. 215 employees in Niederweningen, 40 in Griessen.
- 1938

Wehntal railway line extended to the factory site.
- 1940

First presses for the plastics industry.
- 1945

First “Record” two-wheel power mower. By 2003, a total of 116 000 two-wheel motor-driven machines had been delivered.
- 1946

Bucher-Guyer acquired a stake in Kuhn, a French agricultural machinery manufacturer in Saverne.
- 1950

The KT 10 two-wheel tractor went into production.
- 1951

Business converted into a joint stock company called “Bucher-Guyer AG”.
- 1954

Production of the Bucher tractor started up. By 1964, a total of 5 000 had been delivered.
- 1962

Bucher hay wagon sparked a sales boom. By 1987, a total of 12 000 had been delivered.
- 1963

Bucher started selling Fiat tractors.
- 1965

First HP 5000 universal fruit press.
- 1966

Agricultural and municipal transporter went into production.
- 1967

Management taken over by directors Rudolf Hauser (1937), as chairman and CEO, Hans Hauser (1935–1996) and later Thomas Hauser (1940).
- 1969

Gyrorakes, and later mower conditioners, went into production under licence.
- 1972

First TS thermoset injection moulding machine.
- 1975

Bonds listed on the stock exchange and publication of an annual report.
- 1984

Group holding structure put in place. “Bucher Holding AG” established.
- 1986

Bucher Holding went public, with bearer shares listed on the stock exchange. Group sales of CHF 430 million, 2 730 employees.

- 1986

Grape press manufacturer CMMC acquired (today Bucher Vaslin).
- 1987

Kuhn Group expanded with the acquisitions of Huard (1987), Audureau (1993), Nodet (1996), Knight (2002) and Metasa (2005).
- 1989

Laeis GmbH purchased (Laeis-Bucher).
- 1991

Rolba sweeper and snow blower business acquired (merged with Bucher-Guyer in 1993).
- 1994

Schörling truck mounted sweeper business acquired and Bucher Schörling established.
- 1994

Bucher Hydraulics expanded with the acquisitions of Hidroirma (1994), Beringer Hydraulik (1996) and Hydrotechnik Frutigen (1997).
- 1994

A total of 3 600 “Duro” all-terrain vehicles produced, of which 3 000 delivered to the Swiss army.
- 1996

Core businesses organised into divisions: agricultural machinery (Kuhn Group), vehicles (Bucher Municipal), food processing (Bucher Process), hydraulic components (Bucher Hydraulics) and machinery (Laeis-Bucher).
- 1998

Emhart Glass acquired as another core business.
- 2000

Bucher Holding AG became “Bucher Industries AG”.
- 2002

Philip Mosimann appointed chief executive officer, Rudolf Hauser chairman of the board.
- 2003

Power mower business sold, marking the end of agricultural machinery manufacturing at the Niederweningen site.
- 2003

“Duro” all-terrain vehicle business sold.
- 2003

Remaining operations of the former (Laeis-Bucher) machine division sold.
- 2005

UK-based Johnston Sweepers business acquired.
- 2005

Bucher Industries single class registered shares listed on the stock exchange.
- 2007

Bucher Hydraulics acquired US-based Monarch Hydraulics.
- 2007

Group sales of CHF 2 500 million, 7 500 employees.

This corporate brochure is also available in German, French, Italian, Swedish and Portuguese.

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