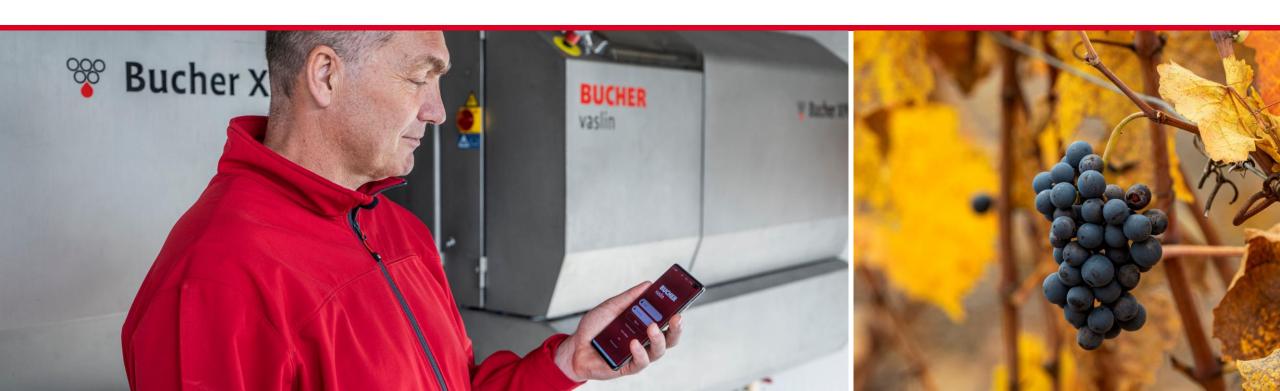
# Group presentation



March 2021



### **Bucher Industries**



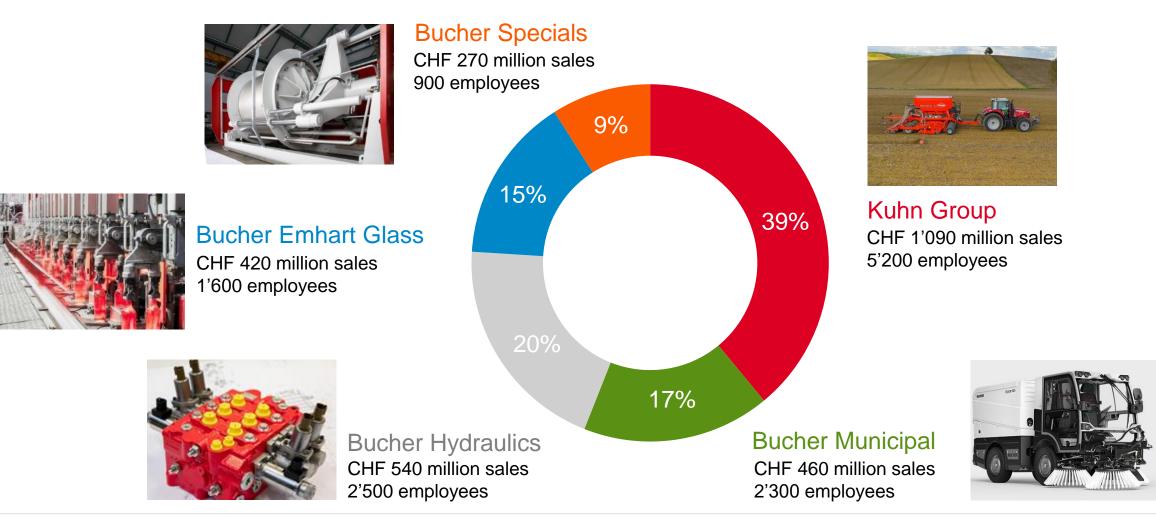
### The five divisions of Bucher Industries



Kuhn Group Agricultural machinery

# CHF 2.7 billion sales, 12'600 employees, 7.4% EBIT margin

#### Bucher Industries 2020



#### **BUCHER**

### Number 1 in selected markets



#### Kuhn Group

World market leader in forage harvesting machinery and feed mixers

#### **Bucher Municipal**

European market leader

in sweepers and winter maintenance



#### Bucher Hydraulics World market leader in hydraulic power packs

B

Bucher Specials World market leader in fruit juice and winemaking equipment



#### **Bucher Emhart Glass**

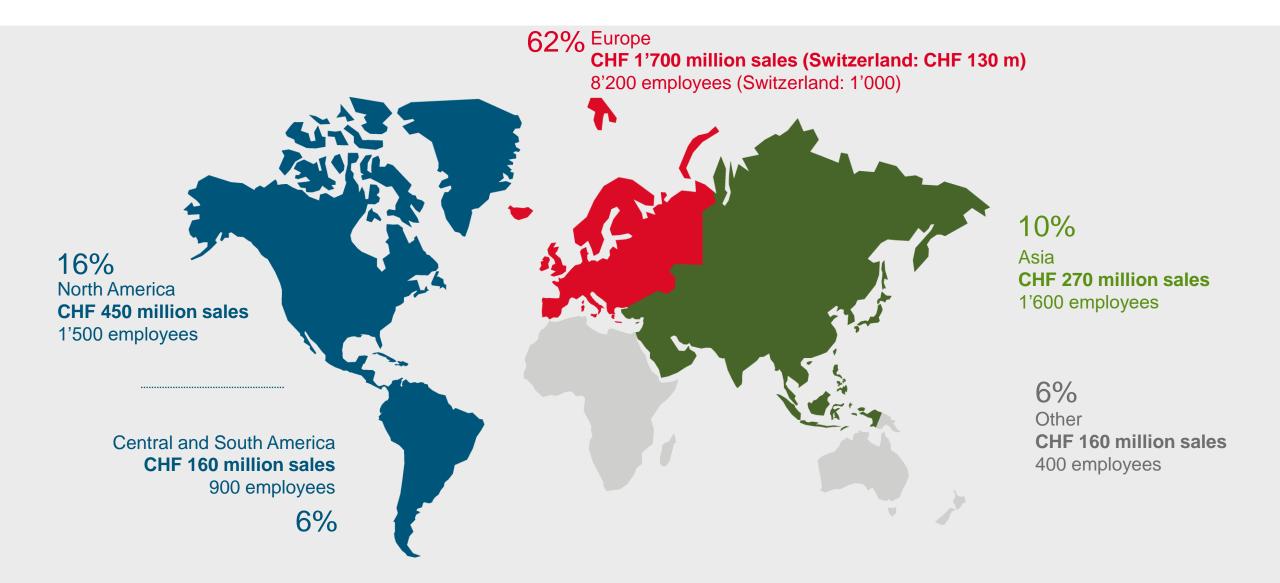
World market leader in glass container manufacturing equipment

## Global presence

More than 50 manufacturing sites and research and development locations on five continents

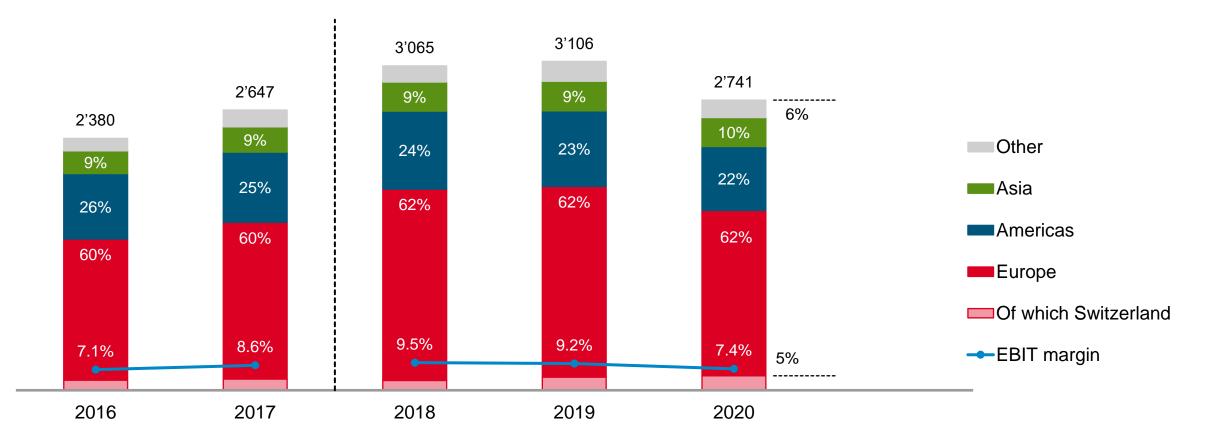


### **International Group**



### Net sales by region

CHFm





### Aspirations

#### **Diversified group**

in mechanical and vehicle engineering

#### Technological leadership for a strong market position

#### Solid balance sheet

for long-term, industrial independence

#### Decentralised responsibility

for products, markets and results in the divisions; centrally co-ordinated

Strengthening of divisions

Increase in enterprise value (RONOA > WACC)



### Principles

High level of independence for divisions

#### Leadership by

- Strategic planning
- Key financial figures
- Standardised values and prescribed governance requirements

Lean corporate center structure

with approx. 30 employees



### Sustainability strategy

Objectives









#### Customers

- Keep customers happy
- Develop innovative products and optimal solutions
- Ensure customer health and safety practices and procedures

#### Employees

- Be an attractive employer and offer internal career opportunities
- Develop employees by offering training
- Safeguard health and safety at work
- Foster a diverse and inclusive culture

#### Environment

- Develop new machinery and equipment that enable customers to improve their environmental sustainability
- Reduce CO<sub>2</sub> emissions in production

#### Compliance

 Do business with integrity and professionalism and conduct ourselves fairly towards customers, colleagues, business partners, competitors and authorities



## Robust profitability in a difficult year

Group: 2020 at a glance

Marked decrease in sales of 12% versus the record-high previous year; operating profit margin at 7.4% due to slight improvement in the second half of the year

- Kuhn Group: Agricultural machinery market robust overall, with a strong recovery from mid-year onwards; currency-adjusted sales at prior-year level and operating profit margin also on par with the previous year
- Bucher Municipal: Challenging production conditions; sales and operating profit margin lower
- Bucher Hydraulics: Demand stable from mid-year onwards; pleasing operating profit margin despite strong downturn in sales
- Bucher Emhart Glass: Slow recovery at a low level from mid-year onwards; good profitability despite marked decline in sales
- Bucher Specials: Downturn in sales, operating profit margin in positive territory



# Key figures

#### Performance

CHFm					Change in
	2020	2019	%	%1)	% <sup>2)</sup>
Order intake	2'838	3'008	-5.7	-0.4	-1.2
Net sales	2'741	3'106	-11.8	-7.2	-7.8
Order book	1'081	1'019	6.2	12.1	10.9
Operating profit (EBITDA) as % of net sales	287 10.5%	368 11.9%	-22.0		
Operating profit (EBIT) as % of net sales	204 7.4%	285 9.2%	-28.3		
Employees at 31 December	12'598 <sup>3)</sup>	13'107	-3.9		-5.0
Average employees	12'515 <sup>3)</sup>	13'280	-5.8		-7.0

<sup>1)</sup> Adjusted for currency effects

<sup>2)</sup> Adjusted for currency, acquisition and divestment effects
<sup>3)</sup> 12'727 employees (FTEs), of whom 129 on short-time work; average 12'868 employees (FTEs), of whom 353 on short-time work



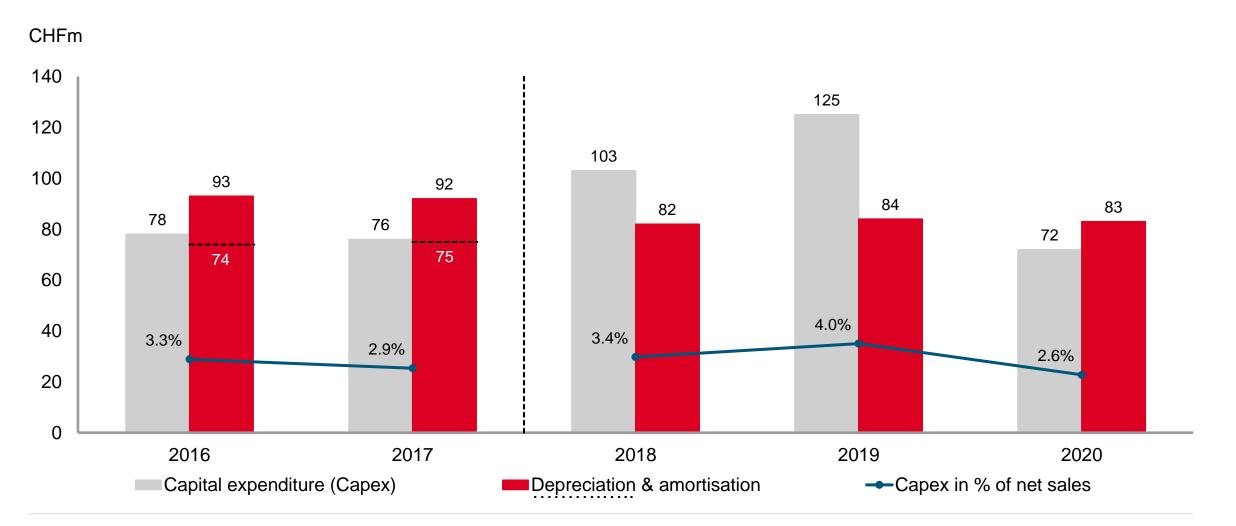
# Key figures

CHFm		Change in			
	2020	2019	%		
Profit for the year as % of net sales	152 5.5%	228 7.3%	-33.4		
Earnings per share in CHF	14.71	21.92	-32.9		
Capital expenditure	72	125	-42.3		
Operating free cash flow	313	163	92.4		
Net cash/debt	404	215	88.2		
Equity as % of total assets (equity ratio)	1'391 57.2%	1'393 54.7%	-0.2		
Net operating assets (NOA) average return (RONOA) after tax %	1'151 13.5%	1'214 19.0%	-5.2		



## Reduced investment activity

Invested capital: Capital expenditure





### Key investment projects

Fixed and intangible assets

#### Kuhn Group

"MGM Monswiller" extension near Saverne, France

The expanded facilities provide space for the safe and efficient assembly of some of the largest machinery produced by Kuhn Group.

#### Kuhn Group

Flagship location in the Russian agricultural region of Voronezh

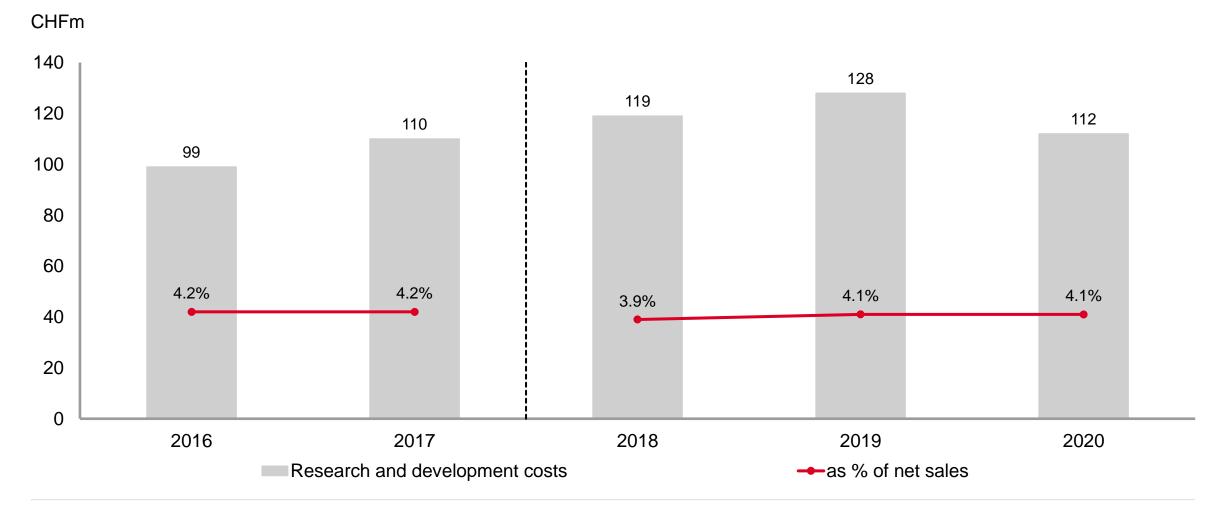
The new assembly, distribution, service and training facility is scheduled to commence operations in autumn 2021.





# Continued investment in innovation

Invested capital: Research and development costs





### Selected development projects

Kuhn Group

Launch of the "AURA" autonomous feed mixer

Navigates independently through facilities, loads itself with feed and distributes prescribed mixed feed rations to livestock several times a day.

#### **Bucher Municipal**

First "UrBin RL110e" electric rear loaders delivered in Australia

Ongoing expansion of electric-powered products, which are in high demand among customers.

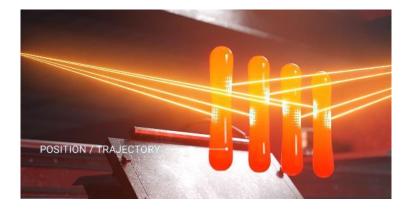
#### **Bucher Emhart Glass**

"Smart Feeder" with "GobRadar" as the latest closed-loop control

Camera-based sensor that optically monitors the weight and shape of each individual gob during forming and adjusts feeder automatically.



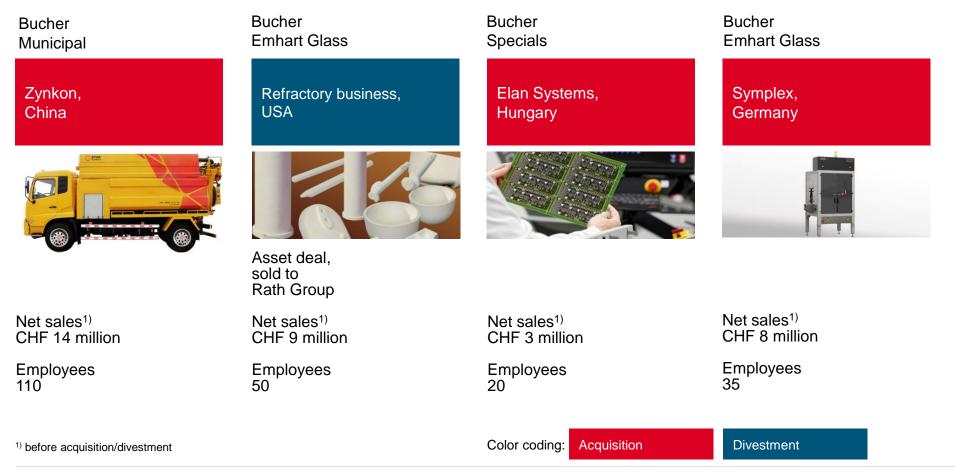






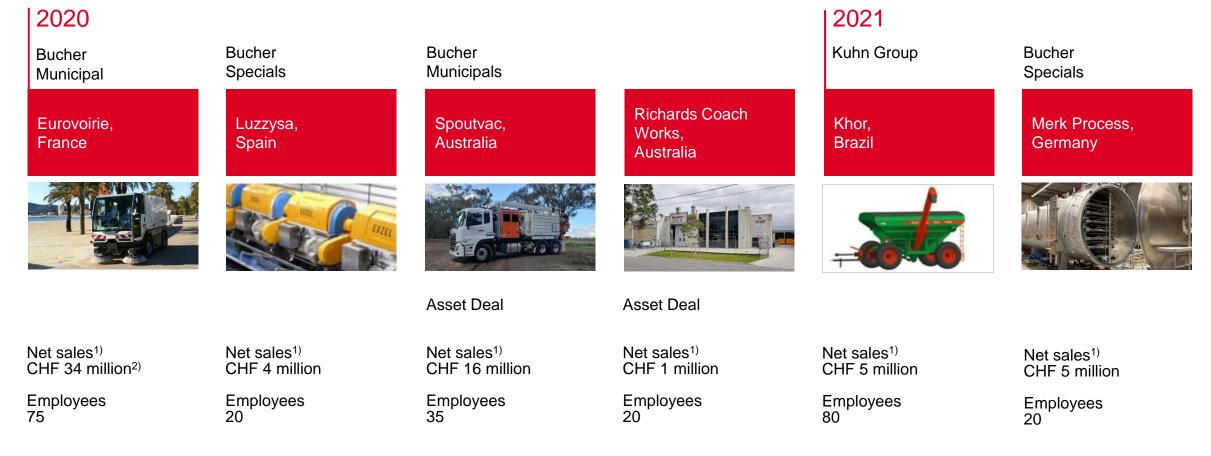
### M&A transactions 2019

#### 2019





### M&A transactions 2020 - 2021



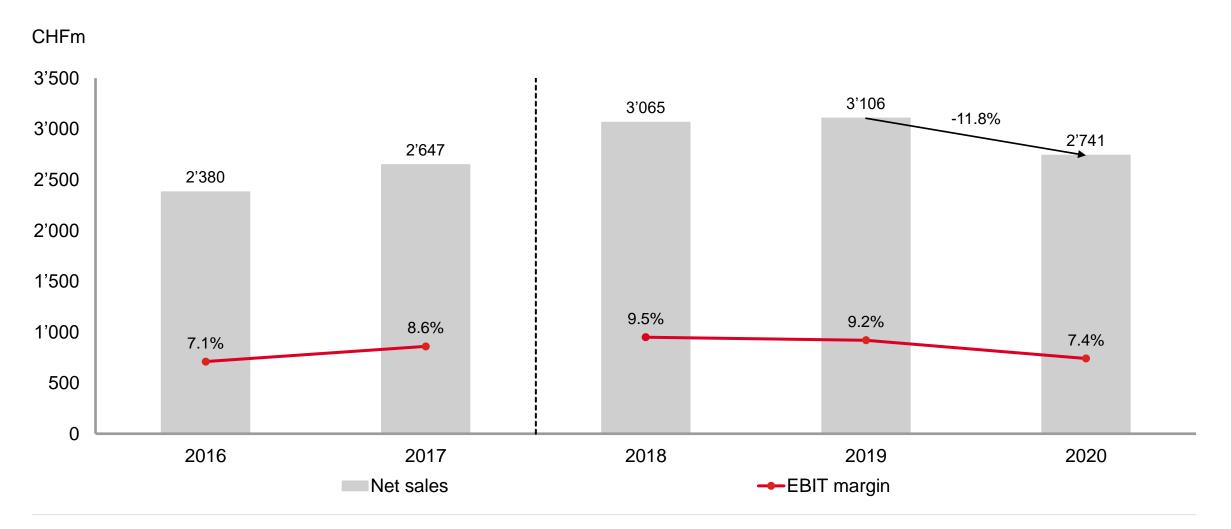
#### <sup>1)</sup> before acquisition

<sup>2)</sup> of which more than half with Bucher Municipal equipment



# Robust profitability in a difficult year

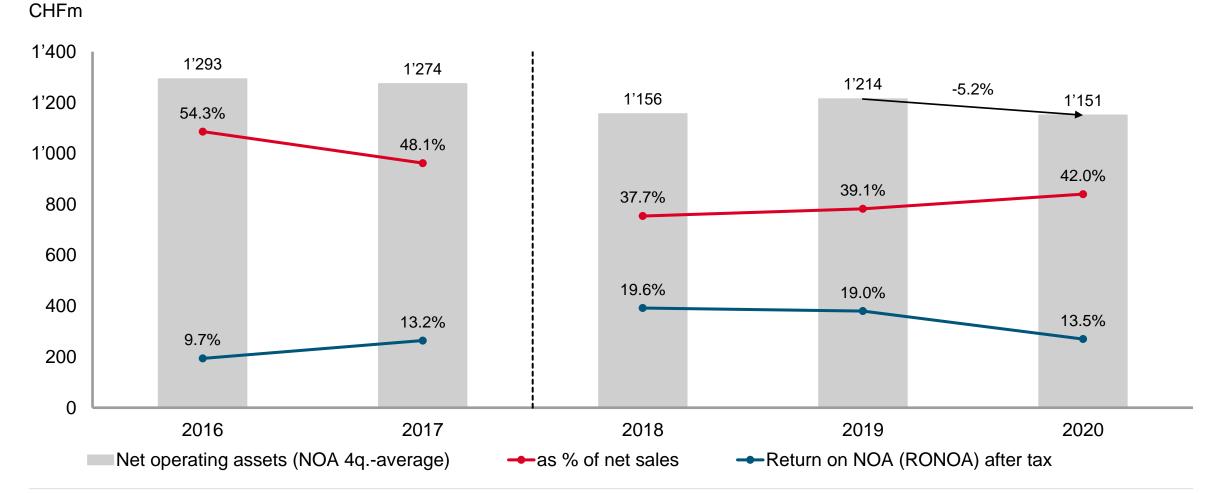
Performance: Net sales and EBIT margin



**BUCHER** 

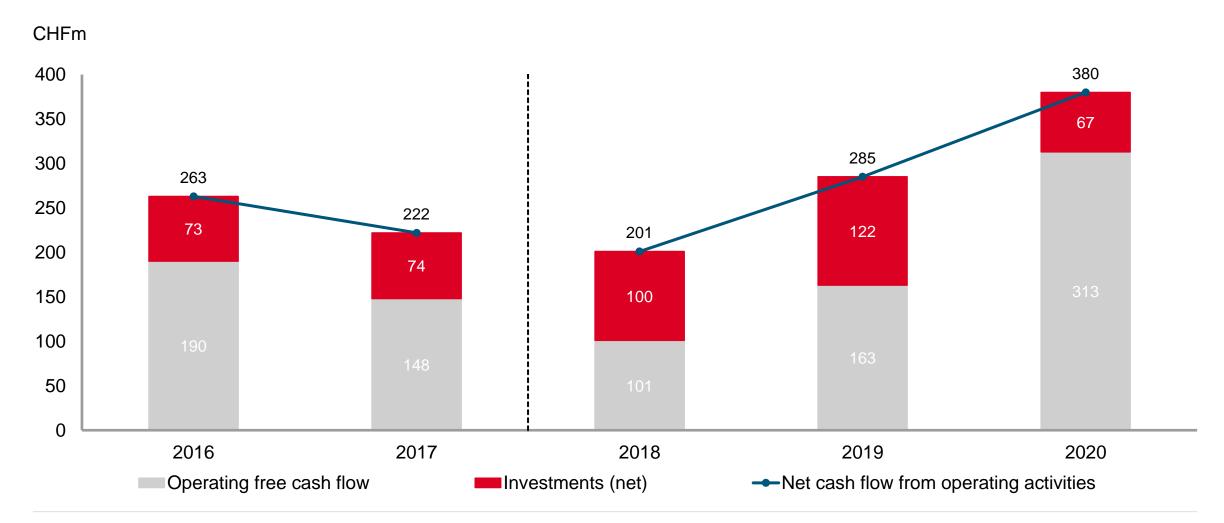
# 5% reduction in average net operating assets

Invested capital: Net operating assets (NOA)



## Strong increase of operating free cash flow

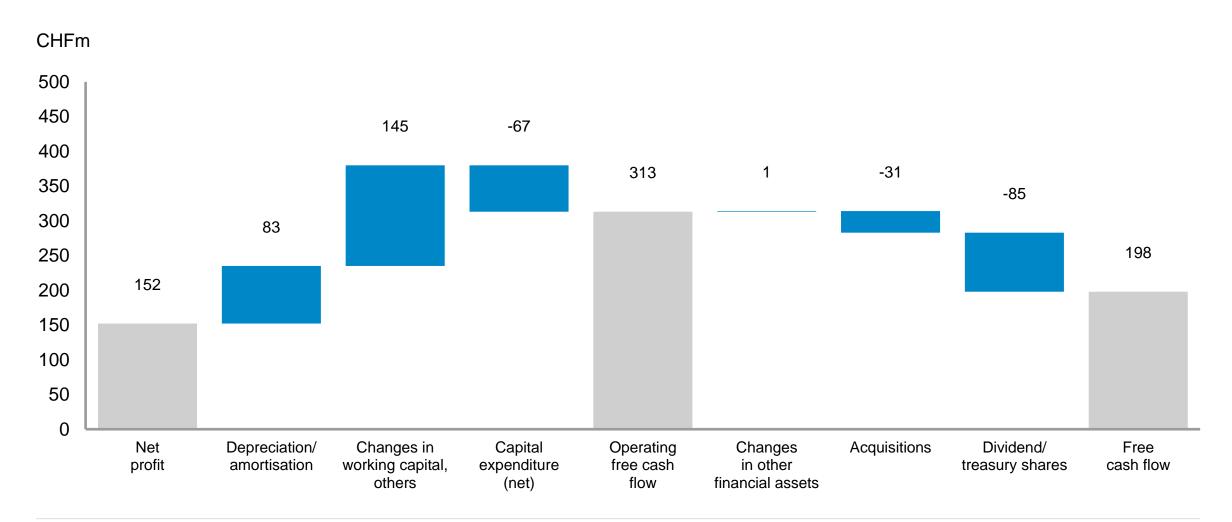
Financing and risk management





### Positive free cash flow

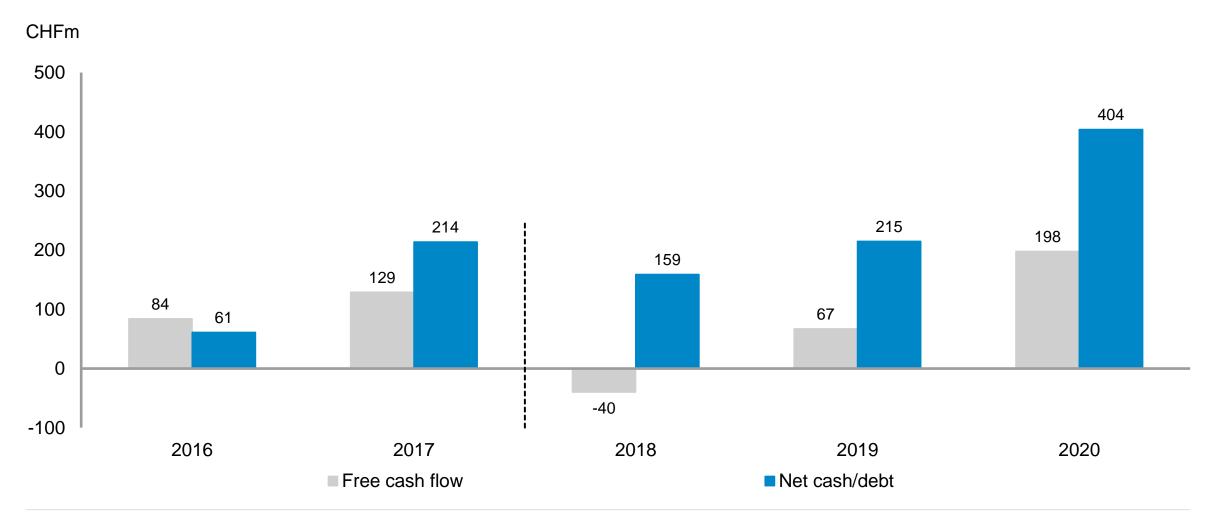
Financing and risk management





### Successful cash management in the crisis

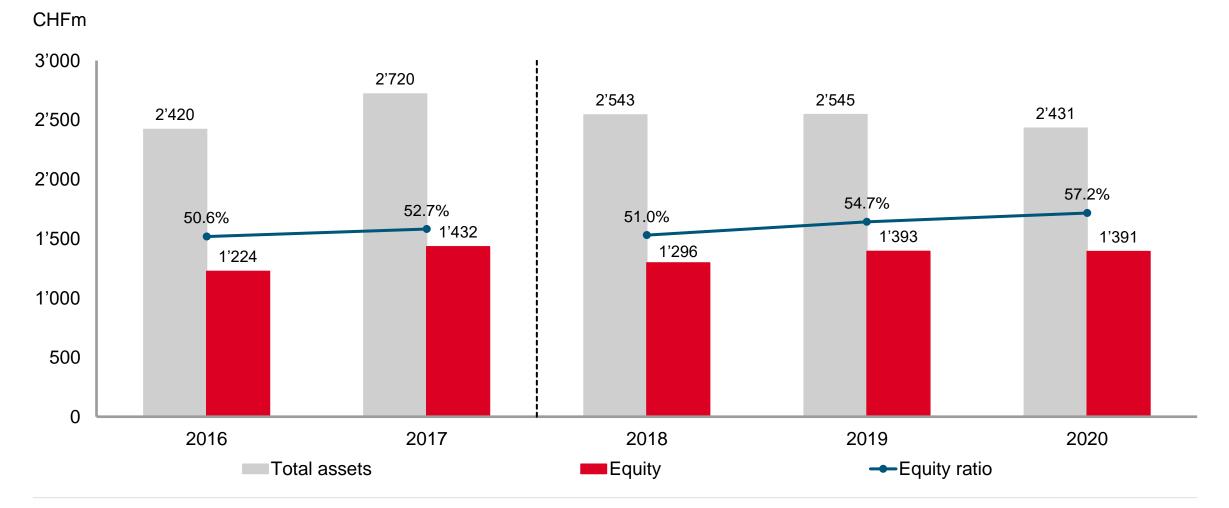
Financing and risk management



**BUCHER** 

## Solid balance sheet with an equity ratio of 57%

Financing and risk management





### Operating profit by division

CHFm	EBIT	EBIT margin	EBIT	EBIT margin
	2020	2020	2019	2019
Kuhn Group	91	8.3%	98	8.3%
Bucher Municipal	28	6.0%	46	8.4%
Bucher Hydraulics	59	11.0%	81	12.5%
Bucher Emhart Glass	44	10.5%	66	13.5%
Bucher Specials	7	2.5%	20	6.2%
Other/consolidation	-25		-26	
Bucher Industries	204	7.4%	285	9.2%





Divisions

## Kuhn Group

Specialised agricultural machinery

#### Arable farming



Ploughing

Tillage

Seeding

Fertilisation



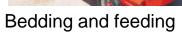
Spraying

#### **Dairy and livestock farming**



Hay and forage harvesting Feed storage







Manure spreaders

#### Landscape maintenance



Hedge cutters



### Market position

Kuhn Group

# 65.4

World's leading manufacturer of specialised and tractor-related agricultural equipment

- Comprehensive range of agricultural machinery
- World market leader in hay and forage harvesting machinery and feed mixers
- Leader in tillage, fertilisation and planting and seeding equipment
- Strong market positions in Europe and in North and South America
- Extensive network of independent dealers and distributors
- Products and services marketed worldwide under the Kuhn brand

# A key player in the global agricultural equipment market

Strategic focus of Kuhn Group



#### Support modern agriculture and connect with customers

- Large machines for large farms
- Digital solutions for precision farming and customer retention
- Close to customers: distribution centres in Brazil and Russia



## Turbulent financial year ends positively

Kuhn Group: 2020 at a glance

Agricultural machinery market robust overall, with a strong recovery from mid-year onwards; order intake up by 13%

- Europe: Market conditions in the dairy and livestock sector were generally satisfactory, facilitated by fair producer prices and government support; arable sector suffered from smaller harvest volumes but was generally stable
- North America: Significant increase in income among US farmers, thanks to generous direct payments; strong rise in crop prices is generating new optimism in the arable sector
- Brazil: Business situation very good, owing to farmers' high margins

#### Sales down by 7%, adjusted for currency effects on par with the previous year

Production activities in France had to temporarily be halted in the spring, but from mid-May onwards production volume was above average

#### Operating profit margin pleasing at 8.3%, like in the prior year

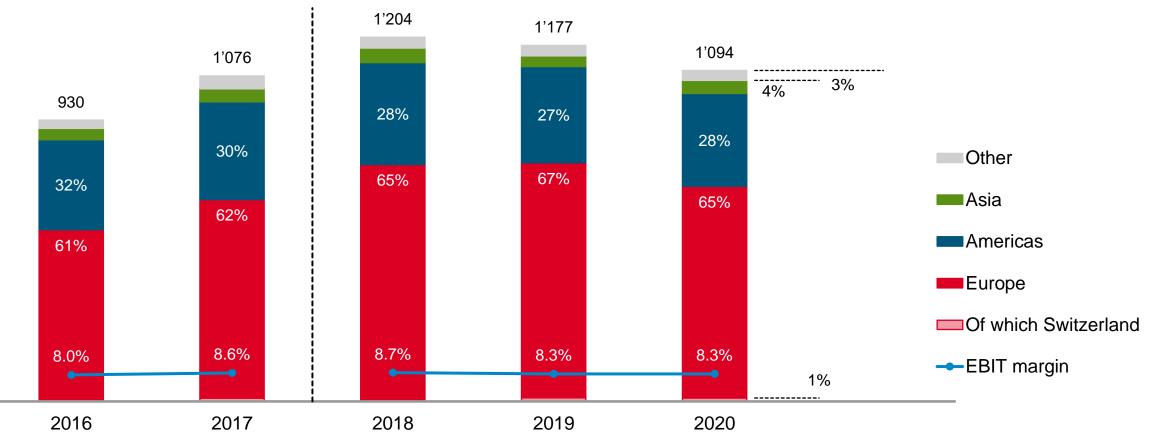
- Lower material prices and various short-term cost savings
- Very good operating performance was made possible by the dedication of many employees



# Net sales by region

Kuhn Group

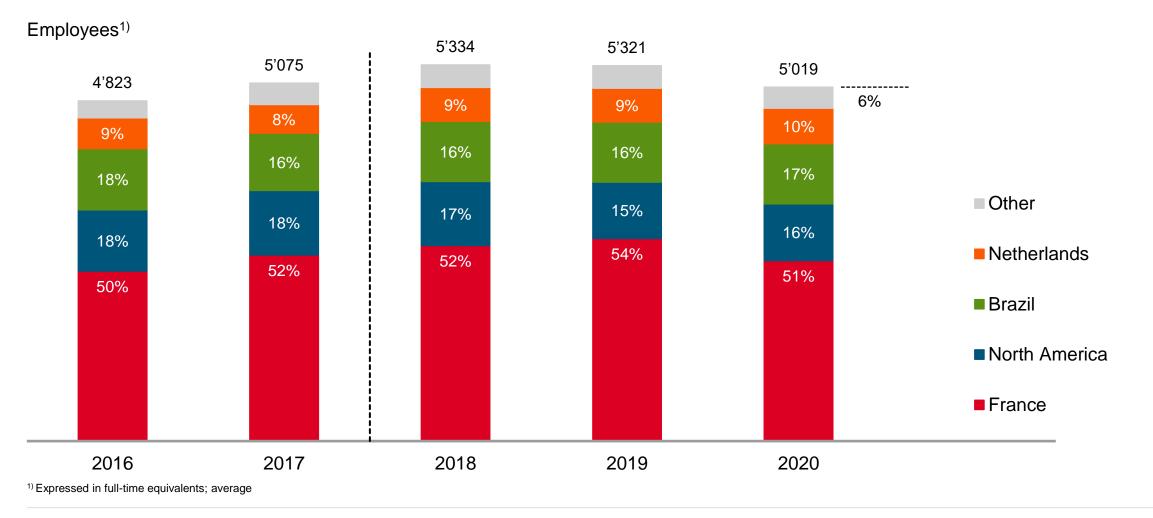
CHFm





# Number of employees by region

Kuhn Group





# World market for agricultural machinery

#### Kuhn Group

#### Market served by Kuhn Group

28 Farm tractors Vorld agricultural machinery market volume: Approx. EUR 111 billion (VDMA 2019 estimate 44% Harvesting machinery 16 Hay and silage making machinery 7 Tillage 8 56% Seeding, planting, fertilising and spraying 11 machinery Other agricultural machinery and 30 attachments and parts

Source: Freedonia, VDMA, and estimates by KUHN Group



%

### Complete product range under the Kuhn brand Kuhn Group

	Hay and forage				Hedge	Feed	Tillage equipment		Seeding	Planting	Planting Spreaders	Sprayers	Tractors	Harvesters
	Mowers	Tedders	Rakes	Balers	cutters	mixers	powered	non- powered						self-propelled
Kuhn Group														
John Deere														
CNHi														
AGCO														
Claas														
Krone														
Amazone														
Pöttinger														
Kubota / Kverneland / Great Plains														
Exel Group / Hardi														
Lemken														
Horsch														
Väderstad														
Same-Deutz-Fahr														
Maschio														



### **Bucher Municipal**

Municipal vehicles and winter maintenance equipment

#### **Compact sweepers**





BUCHER

#### Truck mounted sweepers







Winter equipment



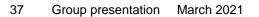


Sewer cleaning

CONNECT



**Refuse collection** 





### Market position

**Bucher Municipal** 

Leading supplier of municipal vehicles for use in cleaning and clearance work in public and private traffic areas

- Comprehensive product range for the municipal vehicles market
- European market leader in sweepers and winter maintenance
- Market leader in sweepers in the UK
- Market leader in refuse collection vehicles and sweepers in Australia
- Market leader in sewer cleaning in Scandinavia and the UK

### "Driven by better"

Strategic focus of Bucher Municipal



#### Industrialise production and build service presence

- "One company one brand" for optimised sales and service
- Market penetration with new line of electric-powered sweepers, winter maintenance equipment and refuse collection vehicles
- Greater efficiency due to modularisation
- Integration of companies acquired in China, France and Australia



### Major challenges in production

Bucher Municipal: 2020 at a glance

Soft demand despite recovery as of mid-year, order intake down 12% on the good prior year

- Restrictions imposed by public authorities caused a pronounced decline in demand in the second quarter in the key markets of the UK, Russia, France, Italy and Spain; recovery started as of mid-year
- Refuse collection and sewer cleaning equipment product groups developed positively, orders were down for sweepers and winter maintenance equipment

### Production badly hampered, sales down by 15% on the very high prior-year figure

- Temporary closure of a number of sites
- Difficulties in the supply chain
- Production subject to restrictions and the resulting inefficiencies
- Positive contribution from acquisitions (Zynkon, Eurovoirie, Spoutvac, Richards Coach Works)

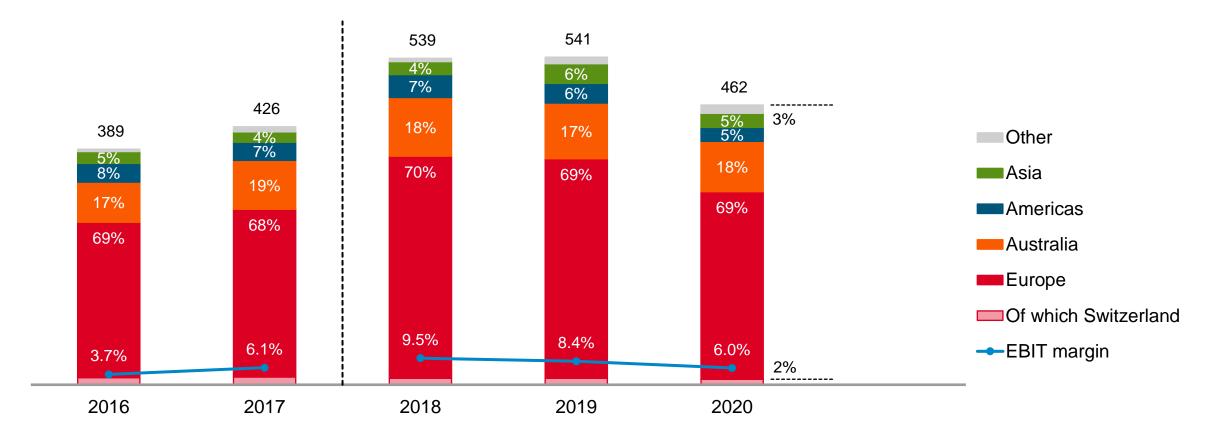
Operating profit margin at 6.0%, due to lower sales and production inefficiencies



### Net sales by region

**Bucher Municipal** 

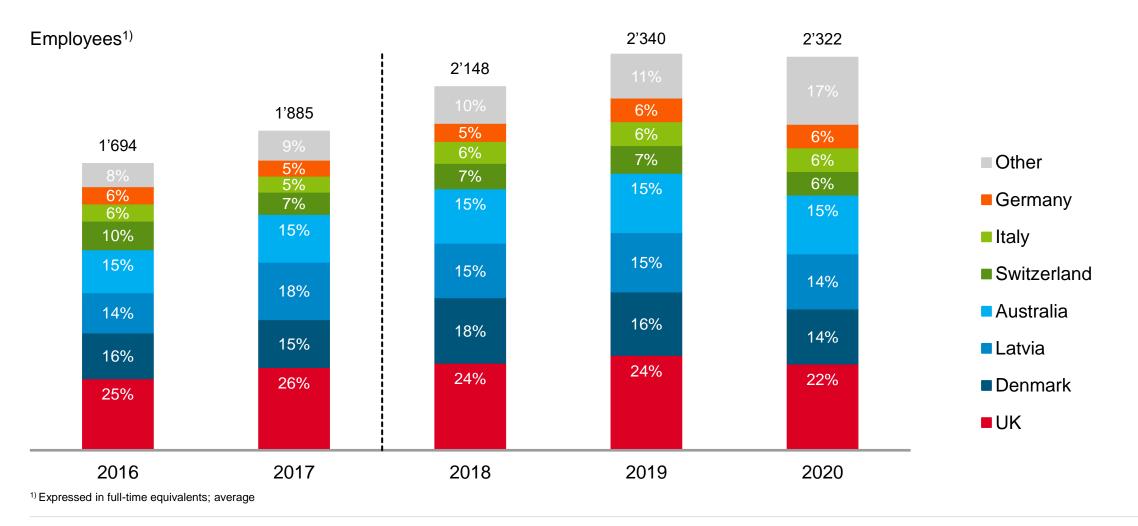
CHFm





## Number of employees by region

**Bucher Municipal** 





## Complete product range under one brand

### **Bucher Municipal**

Competitors		Swe	epers		Refuse vehicles			Wir	nter maintena	Vacuum tankers		
	Vac	uum	Mechanical									
	Compact	Truck mounted	Compact	Truck mounted	Front	Rear	Side	Spreaders	Ploughs	Snow blowers	Municipal	Industry
Bucher Municipal												
Federal Signal												
Alamo												
Douglas Dynamics												
Terberg-RosRoca												
Aebi-Schmidt												
Faun												
Fayat												
Hako												
Boschung												
Cappellotto												
Kaiser												
Zoomlion												



## **Bucher Hydraulics**

Customised drive systems





Pumps



Valves



Subsystems



Tailor-made customer solutions







Motors

Cylinders

Power packs

#### **Agricultural machinery**



#### **Construction equipment**



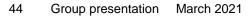
#### Materials handling



Industry



Other segments: Mining/tunnelling, energy technology, municipal vehicles, elevator technology, high-voltage switch gear





### Market position

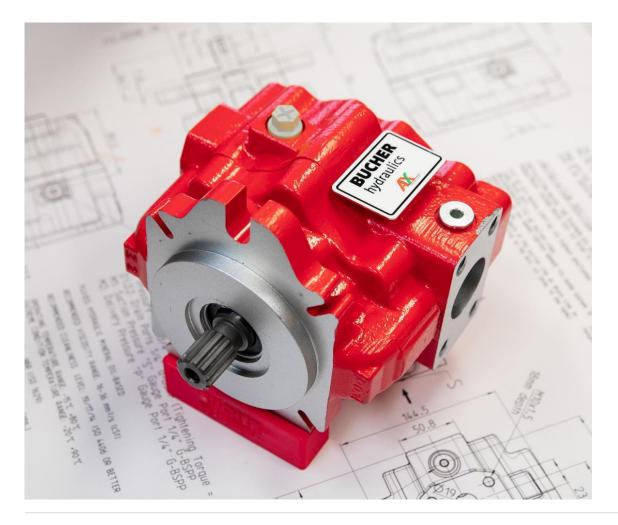
**Bucher Hydraulics** 

Leading international manufacturer of state-of-the-art hydraulic systems

- European market leader in mobile and elevator hydraulics
- World leader in manufacturing hydraulic power packs
- Strong presence in the USA, India and China
- Committed to create sustainable customerspecific solutions

## Investment in the future

### Strategic focus of Bucher Hydraulics



### Leverage electrification and broaden product offering

- Extend new AX axial piston line, particularly suitable for electric-powered machines
- Develop innovative electrohydraulic subsystems
- Ongoing expansion of product line in the lower price segment



## Strong recovery in demand in the second half of the year

Bucher Hydraulics: 2020 at a glance

### Order intake ended up on a par with the previous year

- Strong drop in demand in the second quarter, followed by a recovery from mid-year onwards, gaining momentum towards the end of the reporting period
- Recovery was driven by the agricultural machinery and materials handling segments, construction equipment recuperated only very gradually
- Regionally divergent developments

#### Sales down 17% overall, despite recovery in second half of the year

- Decline in demand beginning in 2019 until mid-year 2020
- Site closures and short-time working caused by the pandemic

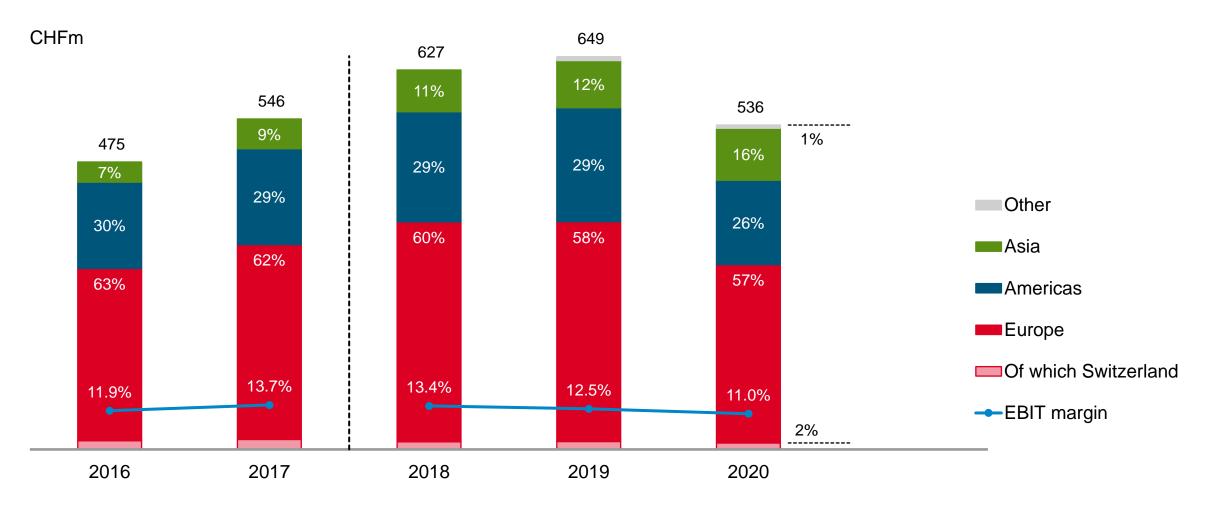
#### Operating profit margin a pleasing 11.0% despite markedly lower sales

- Consistent adjustment of capacities to utilisation and initiation of optimisation measures
- Job cuts mainly affecting temporary personnel and staff on fixed-term contracts



## Net sales by region

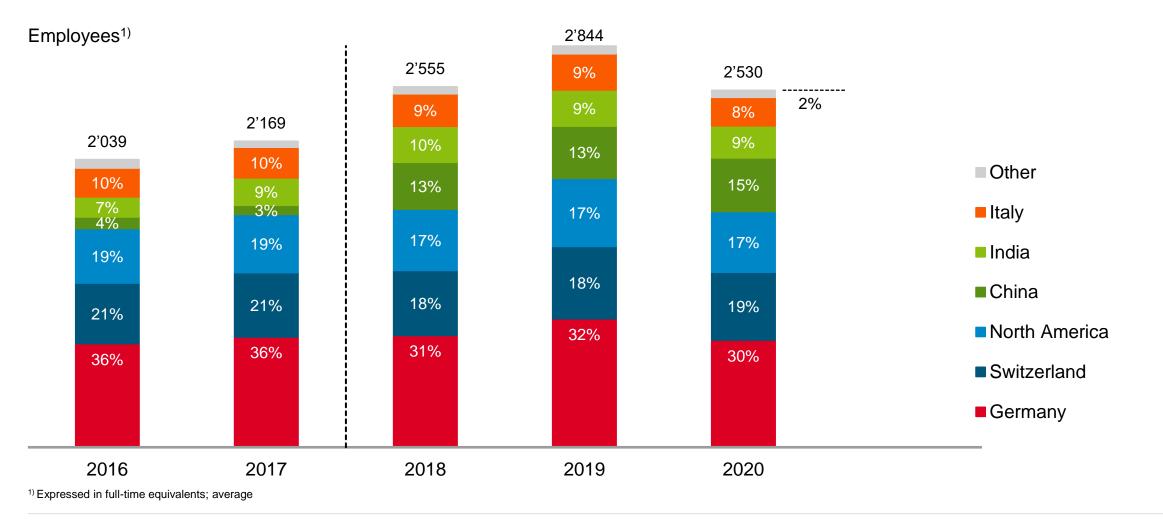
**Bucher Hydraulics** 





## Number of employees by region

**Bucher Hydraulics** 

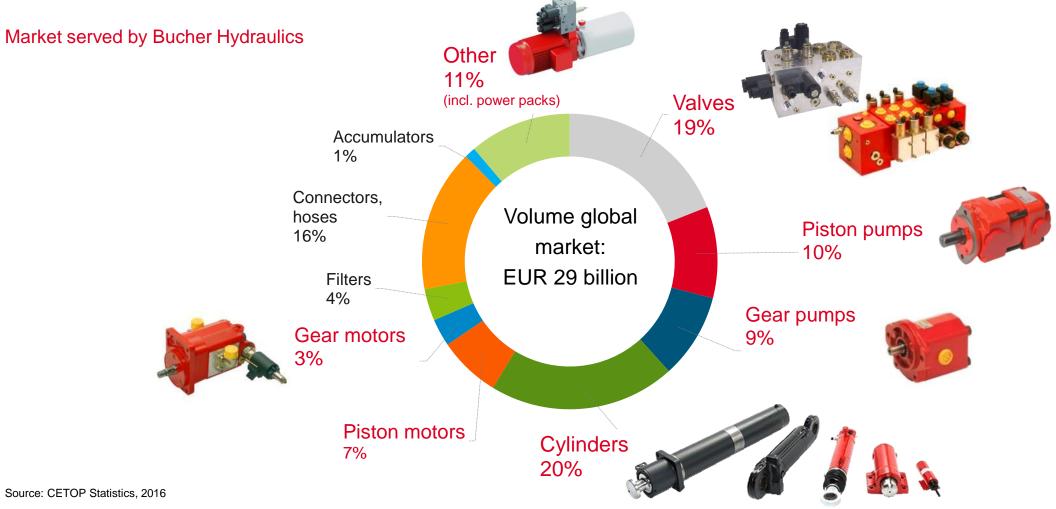




## World hydraulics component market

**Bucher Hydraulics** 

Market served by Bucher Hydraulics





## Leading manufacturer with wide range of products

### **Bucher Hydraulics**

Competitors		Pumps			Valves					Motors and cylinders			Accessories			Power packs		
	Piston	Vane	Gear	Industrial (Cetop)	Servo	Direc- tional spool	Car- tridge	HIC	Spe- cial	Gear	Piston	Cylin- ders	Elec- tronics	Accumu- lators	Filters	Other	Com- pact	Con- trac- ting
Bucher Hydraulics																		
Parker (USA)																		
Eaton (USA)																		
Rexroth (DE)																		
Danfoss (DK)																		
Hydac (DE)																		
HAWE (DE)																		
Dana (IT)																		
Interpump (IT)																		
Argo-Hytos (DE)																		
Moog (USA)																		
Concentric (SE)																		
Husco (USA)																		
Sun Hydraulics (USA)																		
Hydraforce (USA)																		



## **Bucher Emhart Glass**

Glass container manufacturing equipment

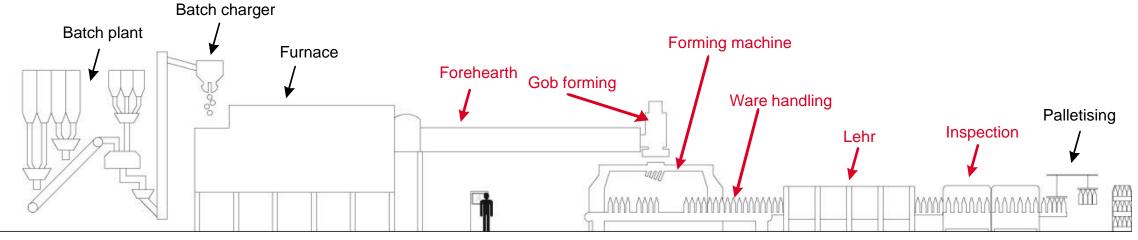
#### Hot End

**Cold End** 

#### Gob forming

Glass-forming machine

#### Inspection



Glass container manufacturing process



### Market position

**Bucher Emhart Glass** 

## 

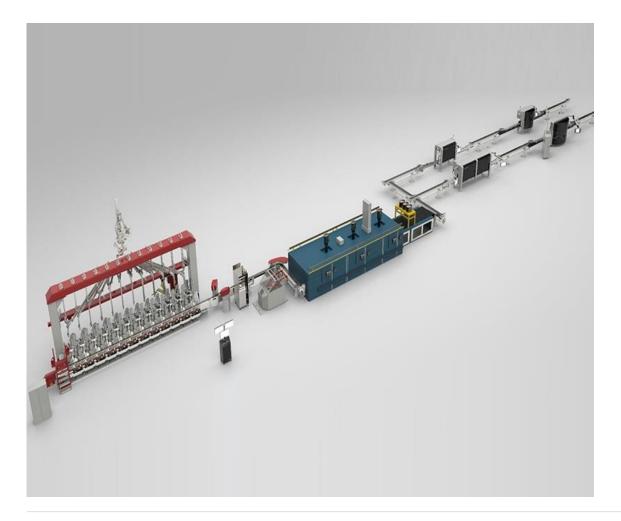
World's leading supplier of machinery, equipment and services for glass container manufacturing

- World market leader for glass-forming machinery and services
- Solid market position in inspection machines



### Further strengthening of market position

Strategic focus of Bucher Emhart Glass



#### Drive customers' production efficiency

- Provide customers with "End to End" solutions and automation technologies to integrate the "hot end" to the "cold end"
- Expand services, e.g. "Training under glass"
- Develop inspection machine business



## Collapse in demand due to curtailment of public life

Bucher Emhart Glass: 2020 at a glance

#### Fall in demand after exceptionally strong previous year, order intake down by 40%

- Significantly less demand for glass containers due to massive curtailment of public life
- Project negotiations postponed and investment programmes suspended by customers
- Demand for spare parts higher, as more maintenance done on existing equipment
- Slow recovery at a low level from mid-year onwards; towards the end of the reporting period, demand returned to a level comparable to that before the exceptionally strong years of 2018 and 2019

#### Sales down by 14%, slight recovery in the second half of the year

In the first half of the year, operations were affected by temporary closures of production sites, travel restrictions and logistics bottlenecks

#### Operating profit margin a good 10.5% despite marked decline in sales

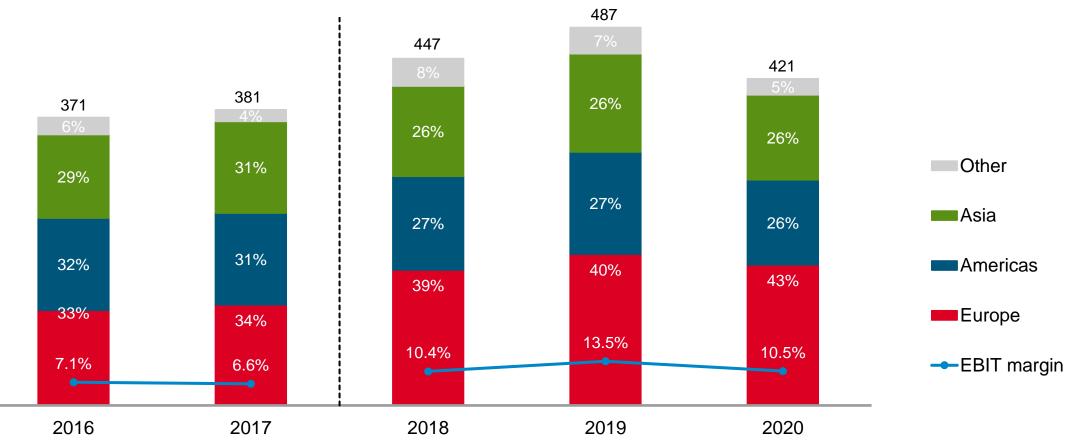
- Various measures implemented to reduce costs
- Continuing capacity adjustments in China
- High proportion of spare part sales



### Net sales by region

### **Bucher Emhart Glass**

CHFm

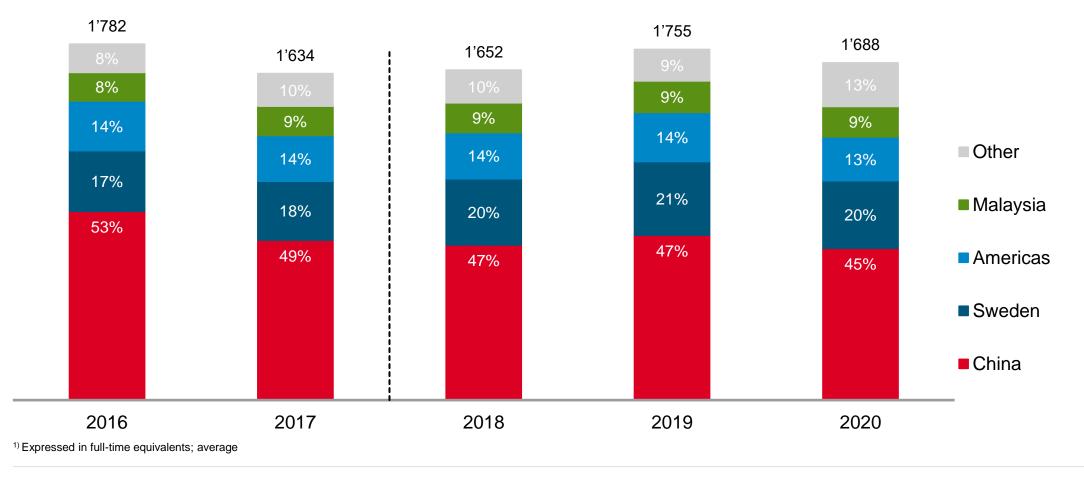




## Number of employees by region

### **Bucher Emhart Glass**

Employees<sup>1)</sup>

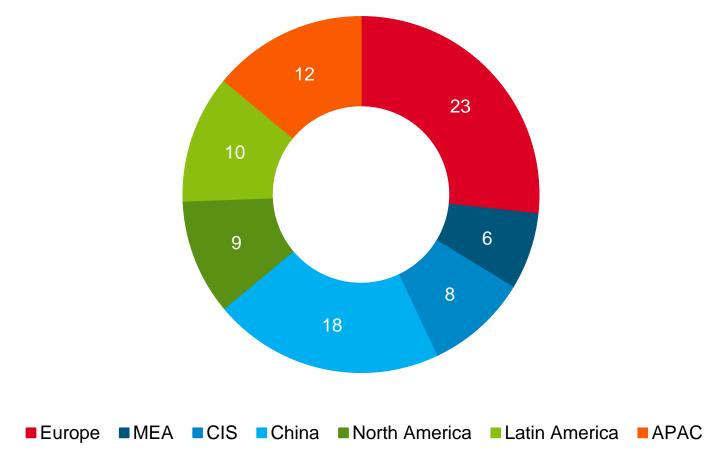




# Capacity for production of glass containers

Bucher Emhart Glass

Global capacity 2020: ca. 86 million tons





## World's leading machinery manufacturer

### Bucher Emhart Glass

					Hot end				Cold end			
Competitors				IS for	rming ma	chine						
	Furnace	Forehearth	Feeder and shear	NIS	AIS IS		Ware handling	Lehr	Inspection	Palletising	Wrapping	
Bucher Emhart Glass												
Bottero (IT)												
Heye (DE)												
Sklostroj (CZ)												
BDF (IT)												
Competitors (CN)												
Tiama (FR)												
Sorg												
Horn												





Individual businesses

#### **Bucher Vaslin**



Winemaking equipment

#### **Bucher Unipektin**



Equipment for fruit juice processing, beer filtration and drying

#### **Bucher Landtechnik**



Agricultural distributorship in Switzerland

Jetter





Automation solutions



### Market position

**Bucher Specials** 



## Significant drop in demand in the beverage industry

Bucher Specials: 2020 at a glance

#### Order intake down by 19% and sales by 14%

- Bucher Vaslin: Customers postponed investment projects and did more maintenance on existing equipment; production sites in France closed in spring
- Bucher Unipektin: Customers postponed projects and invested more in retrofitting and maintaining existing machinery; acquisition of Luzzysa made a positive contribution to sales
- Bucher Landtechnik: Very pleasing business performance in the robust Swiss agricultural machinery market
- Jetter: Decreasing demand at Bucher Emhart Glass and other customers

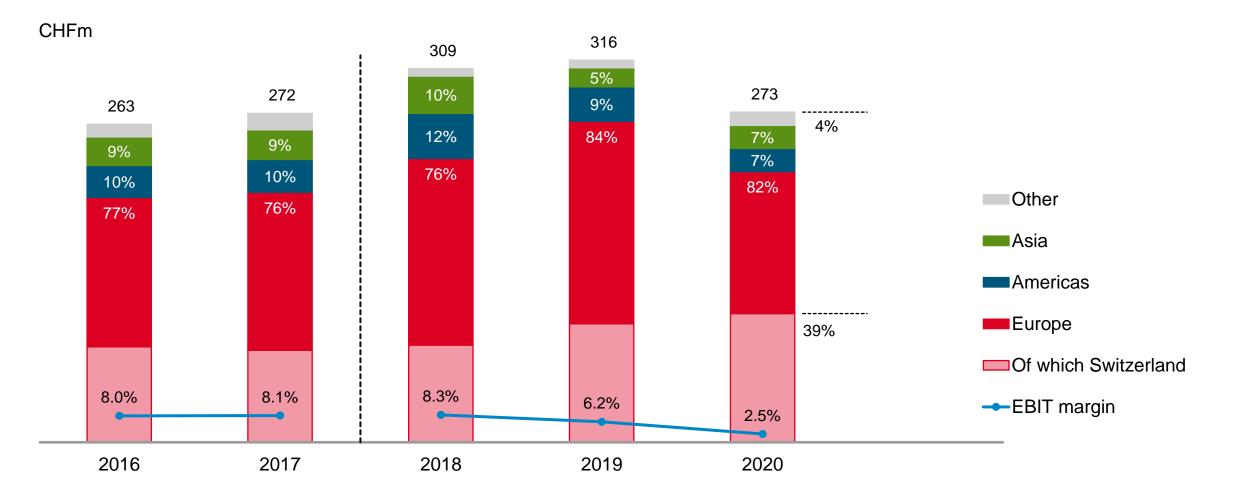
#### Operating profit margin at 2.5%

- Pressure from restructuring measures in France
- Thanks to various cost-saving initiatives, in positive territory despite drop in sales



## Net sales by region

**Bucher Specials** 

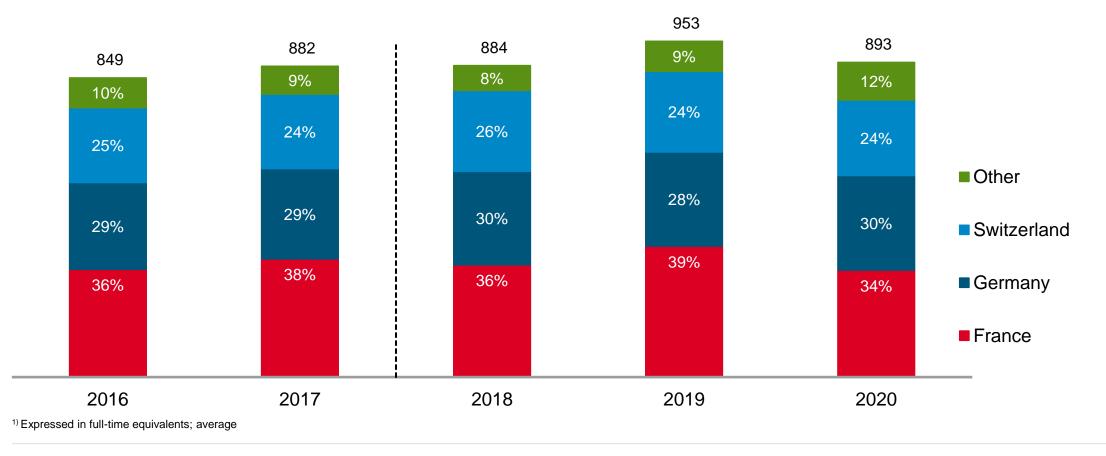




### Number of employees by region

**Bucher Specials** 

Employees<sup>1)</sup>





### **Bucher Vaslin**

World market leader in winemaking equipment

Competitors	Reception	Crushing	Pressing	Fermentation	Filtration	Filling
Bucher Vaslin						
Diemme (IT)						
Della/Toffola (IT)						
Pellenc/Pera (FR)						
Willmes (DE)						
Gai (IT)						



## **Bucher Unipektin**

World market leader in fruit juice production equipment

Competitors	Reception	Milling	Mash heating	Dejuicing	Pasteurisation	Filtration	Adsorption	Evaporation
Bucher Unipektin								
Flottweg (DE)								
Bauer & Partners (PL)								
GEA Group (DE)								
Alfa Laval (SE)								
Schmidt-Bretten (DE)								
Bellmer (DE)								
Kaimi (CN)								



### **Bucher Landtechnik**

### Market leader in Switzerland

Competitors	Mowers	Hay ar Tedders	nd forage Rakes	Balers	Hedge cutters	Feed mixers	Tillage e driven	equipment non-driven	See drilling	eders precision	Spreaders	Sprayers	Tractors	Harvesters self-propelled	Wheel- loaders
Bucher Landtechnik	Kuhn	Kuhn	Kuhn	Kuhn	Kuhn	Kuhn	Kuhn	Kuhn	Kuhn	Kuhn		Kuhn	СИН	СИН	Weide- mann, Merlo
Matra (John Deere)															
GVS (AGCO)	Krone	Krone	Krone	Krone			Rabe	Rabe	Rabe	Rabe			Fendt / MF/ Valtra	Fendt / MF / Krone	Bichon
Serco (Claas)															InTrac
Ott Landmaschinen	Kv	Kv	Kv	Kv		Kv	Amazone Kv	Amazone Kv	Amazone Kv	Amazone Kv	Amazone Rauch / Kv	Amazone Kv			
Pöttinger CH															

Kv: Kverneland CNH: Case New Holland MF: Massey Ferguson



### Jetter

### Market position in Europe

Competitors	Field	level	Control level	Diagnostic level	Enterprise level
Industrial automation	Sensors	Actuators (amplifiers, motors, field devices)	Control systems	HMI's and Visualisation	Enterprise and manu- facturing control (MES)
Jetter					
Siemens (DE)					
Schneider (FR)					
Beckhoff (DE)					
B&R (AT)					
Mobile automation	Sensors	Actuators (amplifiers, motors, field devices)	Control systems	HMI's and Visualisation	Enterprise and manu- facturing control (MES)
Jetter		Cooperation with Bucher Hydraulics			
ifm (DE)					
Müller Elektronik (DE)					
Moba (DE)					

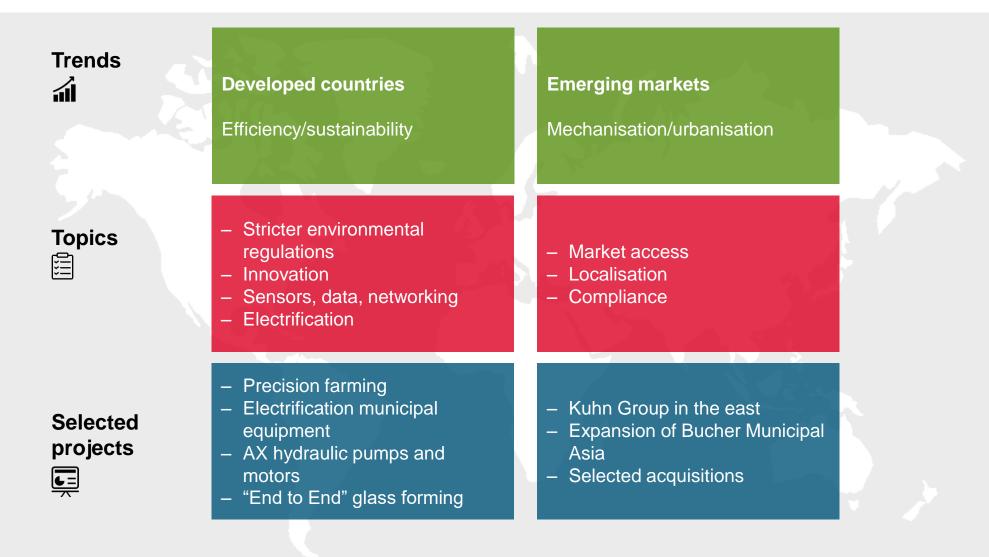




### Outlook for 2021

### Regionally divergent trends

require a geographically adapted strategy



### Positive development in the most important markets

Kuhn Group: Outlook for 2021

High crop prices are generating new optimism in the arable sector, dairy and livestock industry may be increasingly negatively impacted by rising feed costs

- North America: Improvement expected following several difficult years
- Europe: Market conditions satisfactory in the dairy and livestock sector; arable sector impacted by smaller harvest volumes, but generally stable
- Brazil: Ongoing positive development

For 2021: Moderate growth in sales and slightly higher operating profit margin than in 2020, despite rising material costs



### Sales growth despite ongoing uncertainties

Bucher Municipal: Outlook for 2021

#### Demand at a decent level, but lower than in the extraordinarily strong years of 2018 and 2019

Uncertainties present due to the ongoing pandemic, Brexit and potential savings measures to combat the high national debt levels

For 2021: Moderate rise in sales facilitated by full-year consolidation of Spoutvac and growth in electric-powered products; operating profit margin higher than in 2020 due to improved production efficiency



### Market environment for hydraulics more positive

Bucher Hydraulics: Outlook for 2021

### Recovery ongoing in key regions and segments

- Early recovery in China should continue thanks to infrastructure projects
- Further increase in demand in the agricultural machines and materials handling segments, but also for construction machinery

For 2021: Slight growth in sales, operating profit margin at the good level achieved in 2020 thanks to systematically continuing the optimisation measures already initiated



### Recovery of demand at a low level

Bucher Emhart Glass: Outlook for 2021

Further recovery in demand expected, but challenges will persist

- Slight upturn in project business among some customers: negotiation of major projects and installation of equipment resumed
- However, demand for glass containers will continue to be negatively impacted by the suspension of restaurant business and major public events

For 2021: Decrease in sales and operating profit margin compared to 2020 due to lower capacity utilisation in the first half of the year



### Ongoing uncertainties in the beverage industry

Bucher Specials: Outlook for 2021

### Customers reluctant to invest in cyclical project business

- Bucher Vaslin: Recovery of sales at a low level, mainly in Europe and the USA
- Bucher Unipektin: Further postponements of projects by customers, with investments in maintenance and retrofitting of existing equipment instead; sales only slightly higher, due to the extremely low order book
- Bucher Landtechnik: Stable sales development following a very pleasing 2020
- Jetter: Recovery at a low level

For 2021: Slight growth in sales compared with 2020 and operating profit margin in the midsingle-digit range thanks to the cost-saving measures put in place



### Slight increase in sales and operating profit margin Group: Outlook for 2021

The outlook is based on the assumption that all production sites remain operational.

- Kuhn Group: Moderate growth of sales and slightly higher operating profit margin
- Bucher Municipal: Moderate growth of sales and higher operating profit margin
- Bucher Hydraulics: Slight growth of sales; operating profit margin stable at the good level achieved in 2020
- Bucher Emhart Glass: Decline in sales and operating profit margin
- Bucher Specials: Slight growth in sales compared with 2020 and operating profit margin in the mid-single-digit range

For 2021: Slight increase in sales and operating profit margin and improved profit for the year versus 2020





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