# First quarter 2024

### **BUCHER**

Investor relations handout – spring 2024

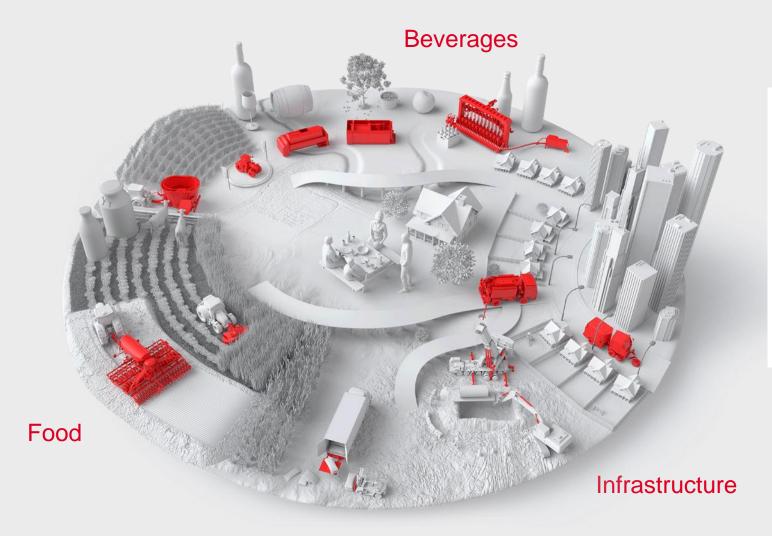


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# Our contribution, for the long-term and sustainable



Our passion is to engineer trusted machinery solutions to sustainably

- feed the world,
- produce and preserve beverages,
- and to create, maintain and clean infrastructure.

For a safe and healthy life for all.

### Bucher at a glance

#### **Financials**

CHF 3.6 billion sales 11.9% EBIT margin

#### **Employees**

14'900 locally hired, highly skilled

#### Global presence

> 50 production sites on 5 continents

#### **Origins**

founded in 1807 headquartered in Switzerland

#### Ownership

listed on SIX Swiss Exchange founding family holding 35%



### Key attractions Bucher Industries

Operating in cyclical, but structurally growing markets

Diversification across divisions mitigates cycles

Trusted solutions with leading market positions, established brands

Sustainable business practices, with long-term orientation

Good cash generation based on flexible cost structures, financial independence



### Our ambitions



#### Develop continuously

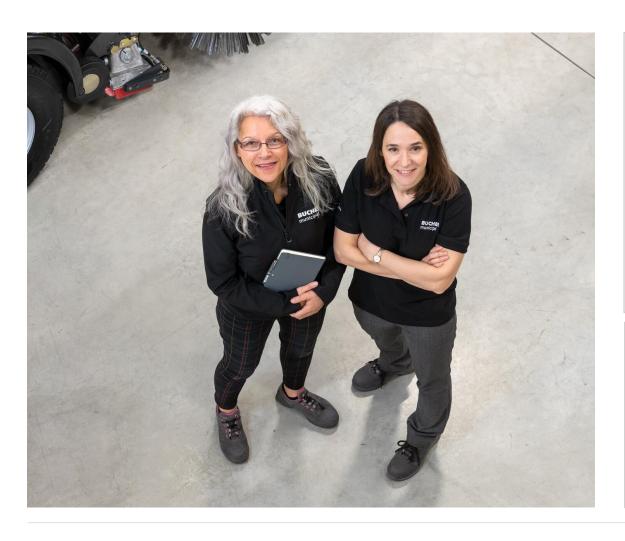
- Technological leadership for a strong market position
- Long-term customer relationships with superior support
- Reduction of ecological footprint
- Passionate and dedicated employees
- Profitable growth, return on net operating assets
   (RONOA) > 20%, sound balance sheet

#### Strengthen our divisions

- Innovation and market penetration for organic growth
- Acquiring complementary businesses



### Our principles and values



#### Management principles

- Decentralised responsibility, strong alignment with markets
- Centrally coordinated with lean corporate centre structure
- Leadership by strategic and financial planning and talent management

#### Common values

- Long-term orientation
- Sustainable economic value creation for all stakeholders



# Major relevant trends



#### Population growth<sup>1)</sup>

- +2 billion people
- +50% food production



#### Urbanisation<sup>1)</sup>

- +2 billion urban population
- Intensified utilisation of urban infrastructure



#### Growing middle class

- More high-value proteins
- Higher standard of living



- Weather extremes
- Finite arable land

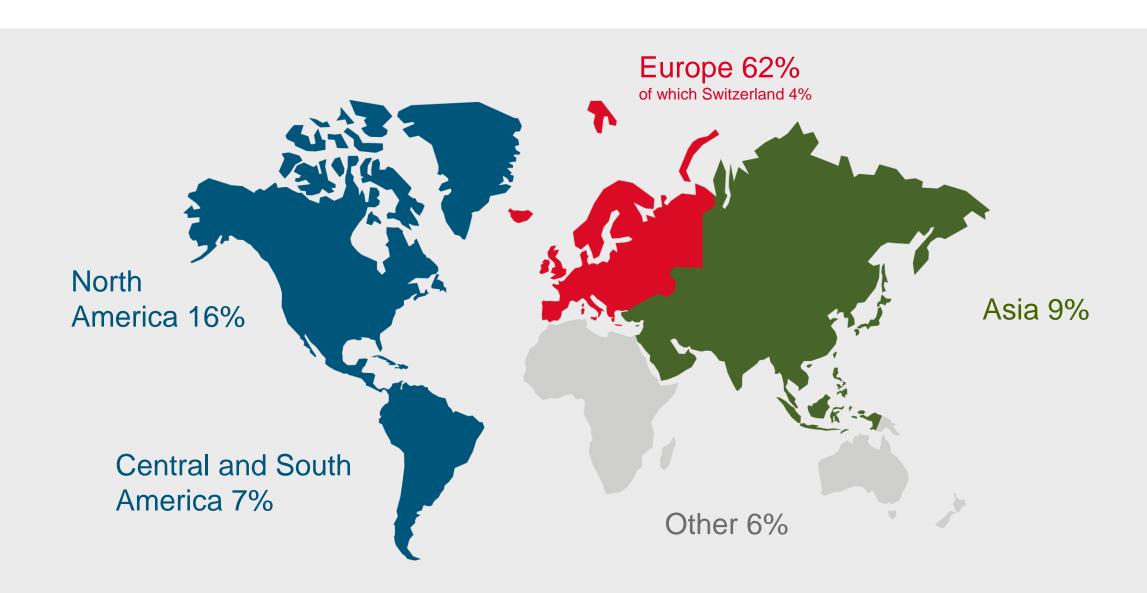




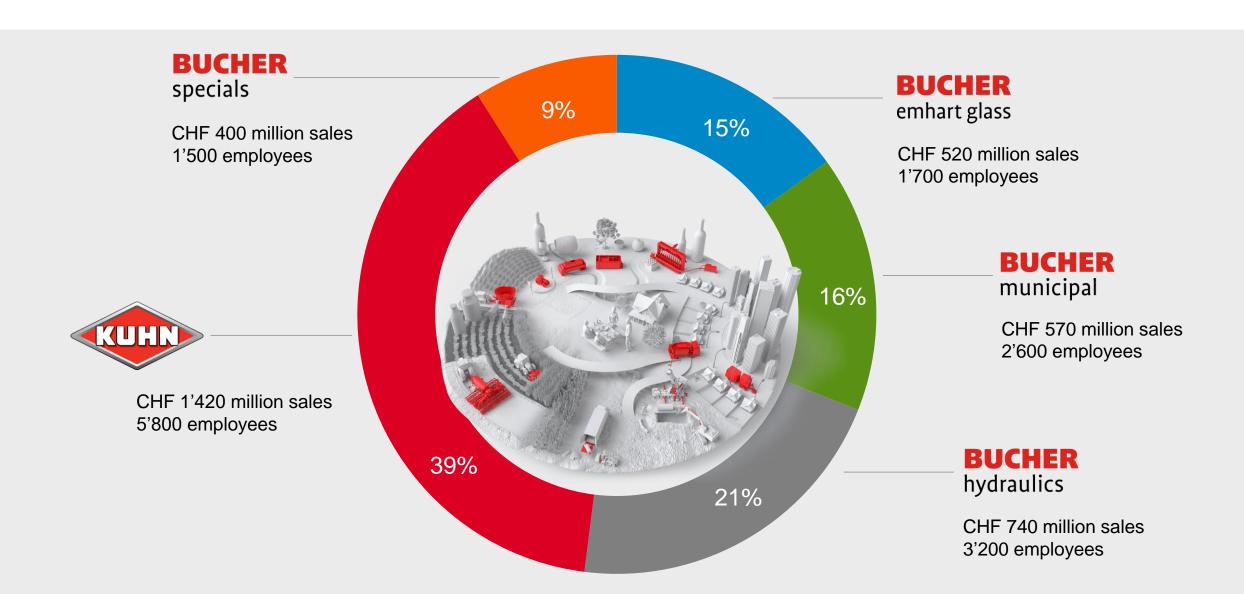


<sup>1)</sup> Source: FAO, UN; projections until 2050, rounded figures

# International Group: net sales by region



### Divisions: total sales CHF 3.6 billion, 14'900 employees



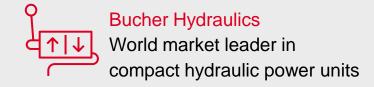
### Leader in selected markets



#### Kuhn Group



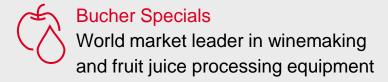






#### **Bucher Emhart Glass**

World market leader in glass container manufacturing equipment

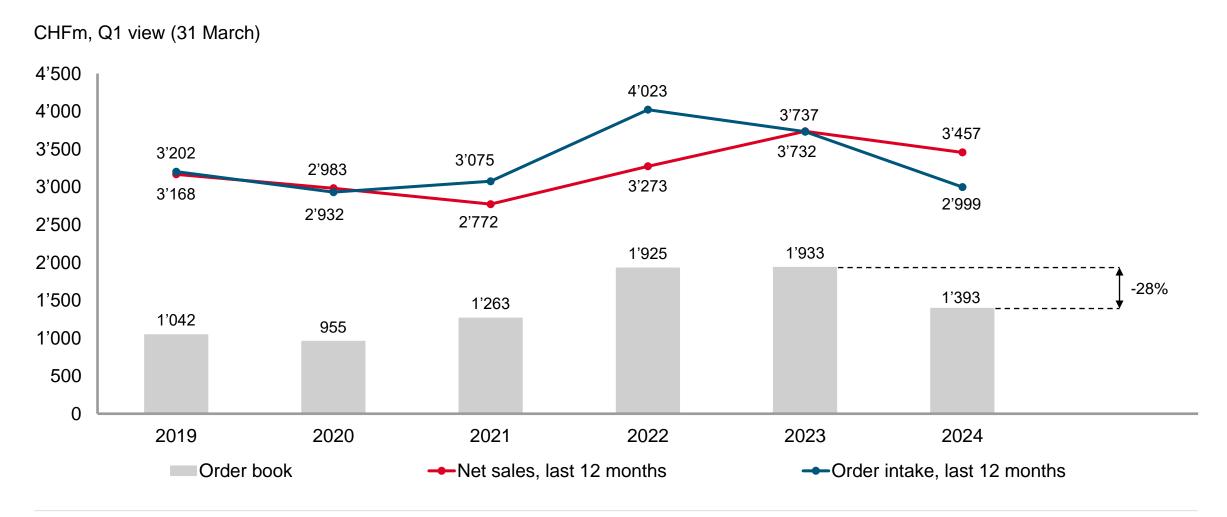




Group: sustainable value creation

# Order book remains high with a range of five months

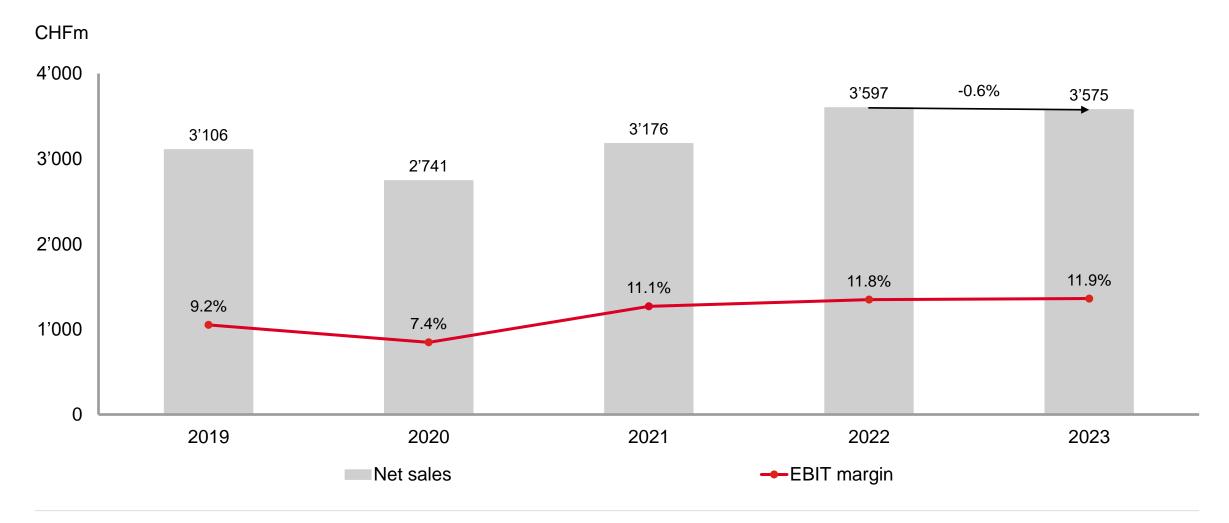
Performance: order book – first quarter





# Sales on par with prior-year level, continued high EBIT-margin

Performance: net sales and EBIT margin





### Sales below the prior-year period with weaker market momentum

Performance: overview

CHFm					Change
First quarter	2024	2023	%	% <sup>1)</sup>	%2)
Order intake	683	854	-20.0	-16.0	-16.1
Net sales	853	970	-12.1	-7.7	-7.8
Order book	1'393	1'933	-28.0	-24.3	-24.3
Average number of FTEs	14'644	14'886	-1.6		-1.7
Full year	2023	2022	%	% <sup>1)</sup>	% <sup>2)</sup>
Order book	1'600	2'081	-23.1	-19.6	-20.2
Net sales	3'575	3'597	-0.6	3.7	2.8
Operating profit (EBIT) % of net sales	424 11.9%	425 11.8%	-0.2		

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



<sup>2)</sup> Adjusted for currency and acquisition effects

# High profit for the year 2023

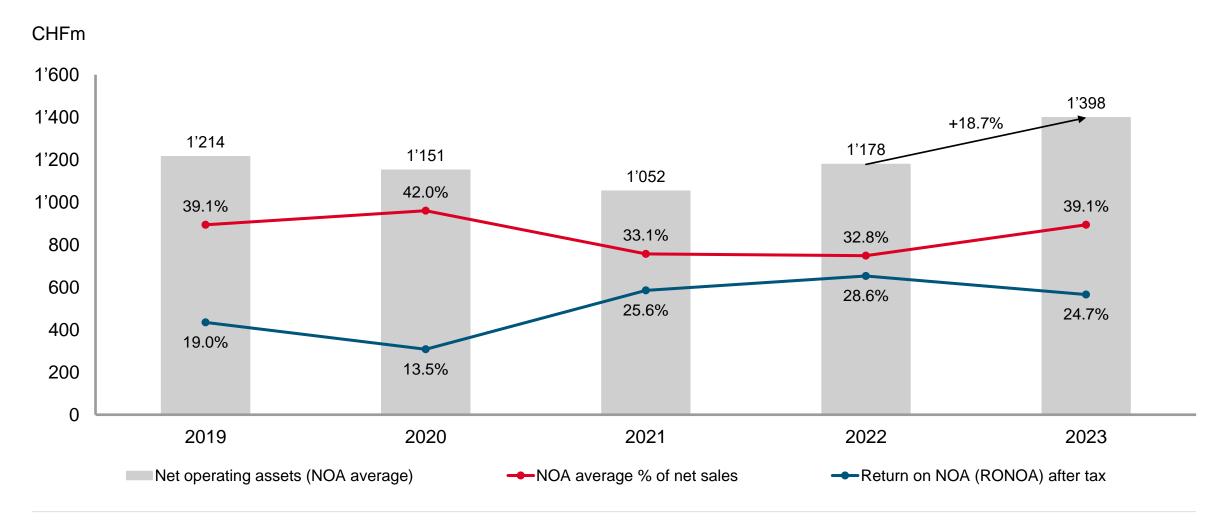
Performance and invested capital: overview

CHFm			Change
	2023	2022	%
Profit for the year % of net sales	356 9.9%	335 9.3%	6.3
Earnings per share in CHF	34.38	32.36	6.2
Capital expenditure	142	97	46.0
Operating free cash flow	123	69	79.2
Net cash/debt	396	457	-13.5
Equity % of total assets (equity ratio)	1'816 61.4%	1'702 57.1%	6.7
Net operating assets (NOA) average Return (RONOA) after tax %	1'398 24.7%	1'178 28.6%	18.7



### Increase in NOA driven by higher net working capital

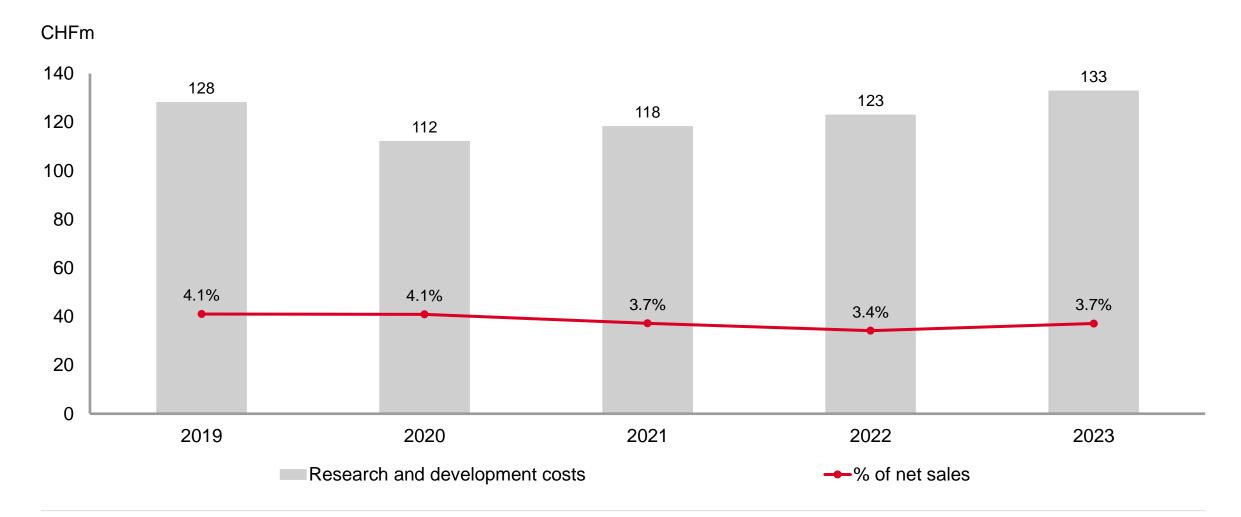
Invested capital: net operating assets (NOA)





### Continued investment in innovation

Invested capital: research and development costs





### Selected development projects

Invested capital: research and development costs

#### Kuhn Group

Solutions for the automation of farms

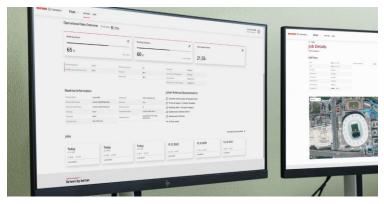
Karl, an autonomous agricultural robot for work in the fields that takes over tillage and seeding right through to crop protection.



#### **Bucher Municipal**

Comprehensive after-sales solutions for ongoing analysis

With "Bucher Connect", customers can monitor and control the utilisation of their vehicle fleet and gain valuable information for planning purposes.



#### **Bucher Specials**

Bucher Unipektin's beer dealcoholisation plant

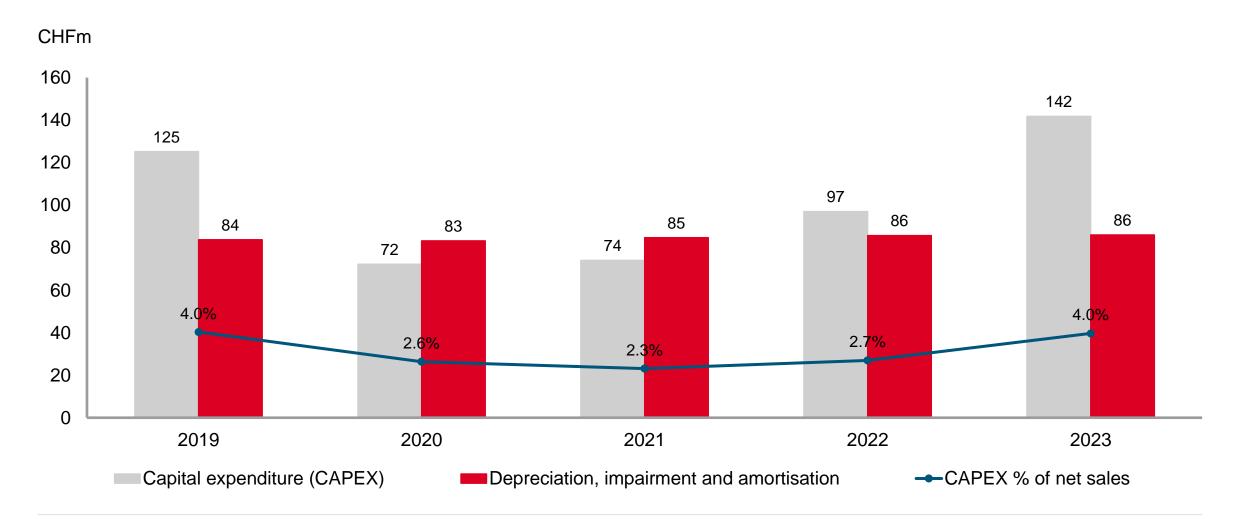
Breweries can produce highly dealcoholised beer with minimal impact on beer quality and thus also serve this market trend.





### Strategic investments in growth

Invested capital: capital expenditure





### Key investment projects

Invested capital: research and development costs

#### Kuhn Group

Replacement of the forging press at Kuhn-Huard, Châteaubriant, France

The new machine increases the forging capacity by 20% while simultaneously reducing energy consumption.

#### **Bucher Hydraulics**

Structural renovations at main site in Klettgau, Germany

Shaded car park with photovoltaic system constructed and extension of the office building started.

#### **Bucher Emhart Glass**

Expansion of the Johor Bahru site in Malaysia

Expansion of the plant, expected to become operational at the end of 2024.









### Acquisitions 2022 – 2024

#### Invested capital

2022 2023 2024 **Bucher Municipal Bucher Specials Bucher Municipal Bucher Specials Bucher Municipal** Denwel. **B&P** Engineering SSV Environnement Giletta. Enway, Czech Republic Germany/Singapore Poland France Italy Net sales<sup>1)</sup> Net sales<sup>1)</sup> Net sales<sup>1)</sup> Start-up Purchase of remaining CHF 7 million CHF 40 million CHF 11 million shares (40%) **Employees Employees** Employees **Employees Employees** 

30

400



400

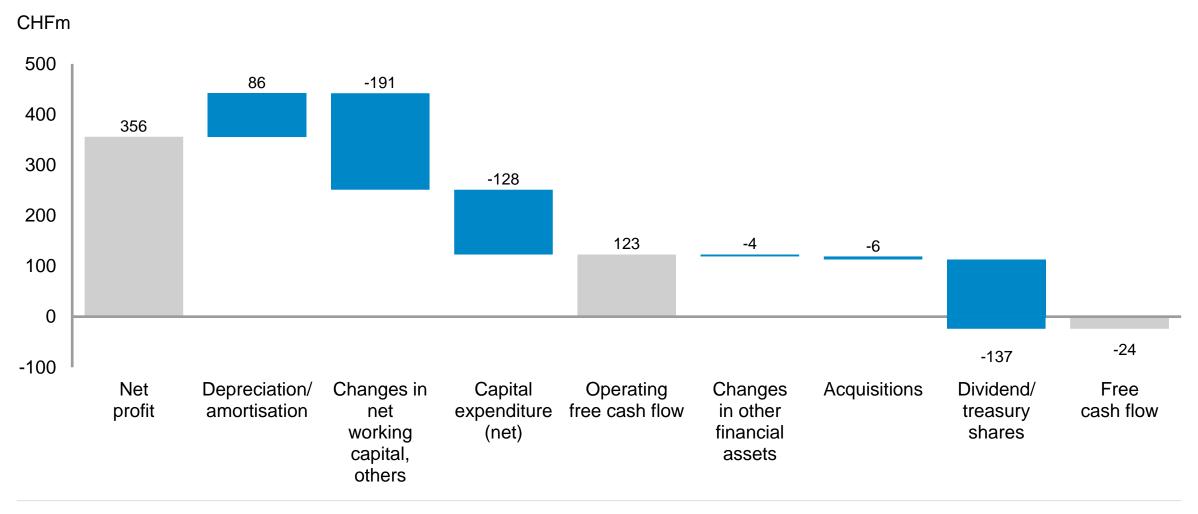
15

40

<sup>1)</sup> before acquisition

# Higher operating free cash flow driven by strong net profit

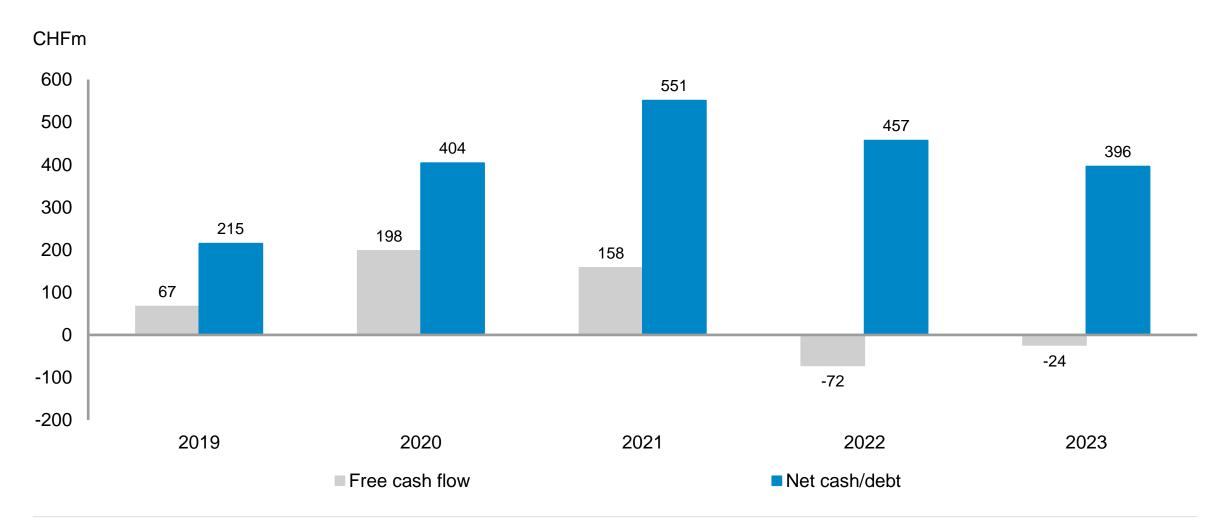
Financing and risk management





### Solid financial situation lays the foundation for further growth

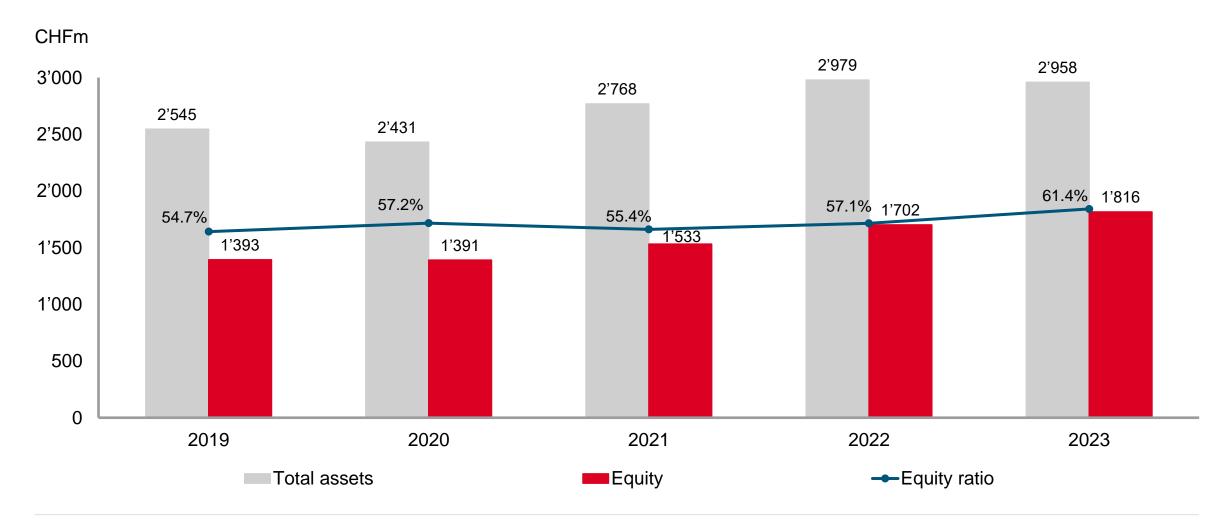
Financing and risk management





### Solid balance sheet with an equity ratio of 61%

Financing and risk management





### Reduced energy consumption compared to prior year

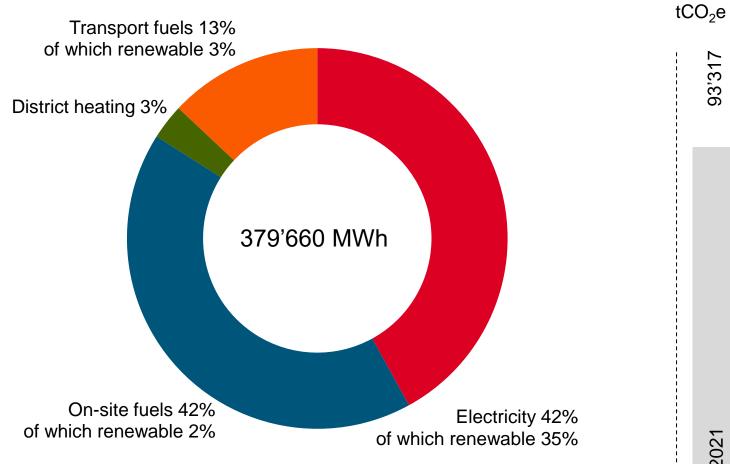
Non-financial key figures: overview

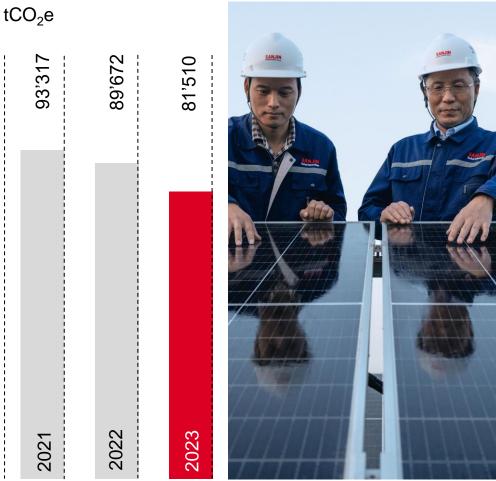
			Change
	2023	2022	%
Employees at 31 December	14'858	14'876	-0.1
Regulars covered by collective agreements	7'592	7'291	4.1
Turnover rate	11.7%	11.0%	
Resignation rate	6.7%	7.2%	
Average hours of training per regular employee	29	20	45.7
Energy consumption in MWh	379'660	387'430	-2.0
CO <sub>2</sub> emissions in tCO <sub>2</sub> e	81'510	89'672	-9.1



# CO<sub>2</sub> emissions

Non-financial key figures: energy mix and CO<sub>2</sub> emissions







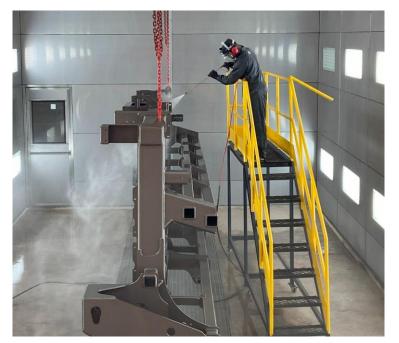
# Target: to reduce Scope 1 and 2 CO<sub>2</sub> intensity by at least 10%

Non-financial key figures: efficient use of resources in production



#### New production facilities

Installation of four new assembly lines and order for new, more efficient painting system.



Kuhn Group, Passo Fundo, Brazil

#### New building construction

New building for optimised production and clean rooms for the manufacture of further products.



Bucher Automation, Marbach, Germany

#### Self-generated solar power

Twelve business units with a total photovoltaic capacity of 5'708 kWp.



Bucher Emhart Glass, Zibo, China





Divisions: our activities

### Kuhn Group

#### Specialised agricultural machinery

#### Crop production











Ploughing

Tillage

Seeding and planting

Fertilisation

Crop protection

#### Dairy and livestock farming











Hay and forage harvesting

Crop packaging

Bedding and feeding

Manure spreading

Hedge cutting

### A leading manufacturer in the global agricultural equipment market

Strategic focus of Kuhn Group



#### Support modern agriculture and connect with customers

- Large machines for large farms and contractors
- Digital solutions for precision farming and customer retention
- Exceptionally wide portfolio of complementary products for all types of farms, worldwide
- Best-in-class end-customer portals, services and extensive field support



### World market for agricultural machinery

### Kuhn Group

#### Market served by Kuhn Group

ume: estimate	Farm tractors	%	35
voli o's	Harvesting machinery	47%	12
əry market Kuhn Group a)	Hay and forage harvesting machinery		3
Il machine 3 billion (k 2022 data	Tillage machinery	%	5
gricultura EUR 163 in VDMA	Planting and seeding, fertilising and crop protection machinery	53%	8
World a Approx. based o	Other agricultural machinery and attachments and parts		37

Source: Freedonia, VDMA, and estimates by Kuhn Group



# Complete product range marketed worldwide under the Kuhn brand

#### Kuhn Group

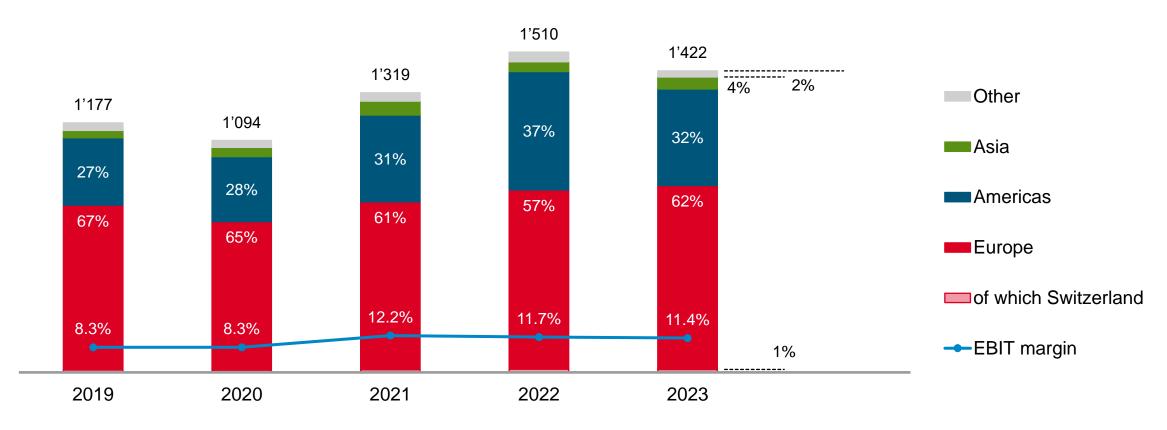
Competitors	Hay : Mowers	and forage ha	rvesting mach Rakes	inery Balers	Hedge cutters	Feed mixers	Tillage m powered	nachinery non-	Seeding	Planting	Fertiliser spreaders	Sprayers	Tractors	Harvesters self-propelled
Kuhn Group								powered						
John Deere														
CNHi														
AGCO														
Claas														
Krone														
Amazone														
Pöttinger														
Kubota / Kverneland / Great Plains														
Exel Group														
Lemken														
Horsch														
Väderstad														
Same-Deutz-Fahr														
Maschio Gaspardo														



### Net sales by region and EBIT margin

#### Kuhn Group

**CHFm** 





### Decline in demand after a prolonged, strong cycle

### Kuhn Group

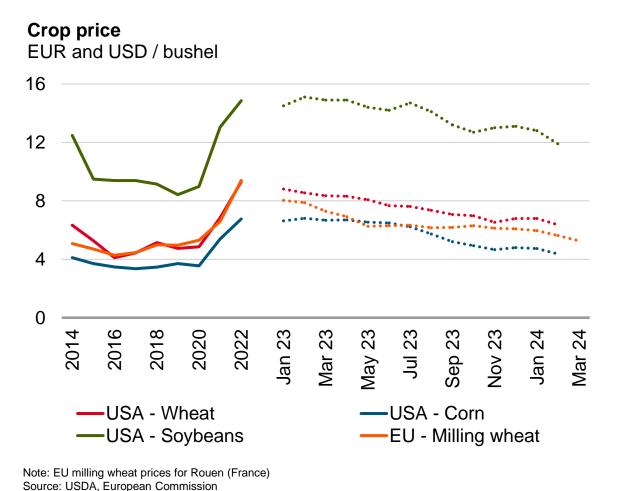
CHFm				Change
First quarter	2024	2023	%	% <sup>1)</sup>
Order intake	194	297	-34.7	-31.6
Net sales	357	440	-18.9	-14.9
Order book	490	855	-42.7	-39.4
Average number of FTEs	5'840	6'205	-5.9	
Full year	2023	2022	%	% <sup>1)</sup>
Order book	670	1'019	-34.2	-31.0
Net sales	1'422	1'510	-5.9	-1.7
Operating profit (EBIT) % of net sales	163 11.4%	176 11.7%	-7.8	

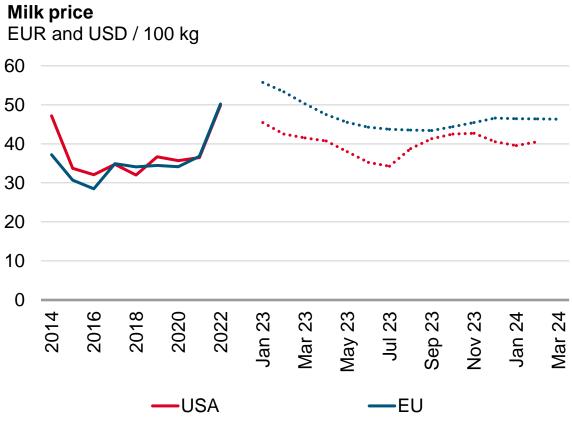


<sup>1)</sup> Adjusted for currency effects

### Price development soybeans, corn, wheat, milk

(average prices until March 2024, if available)



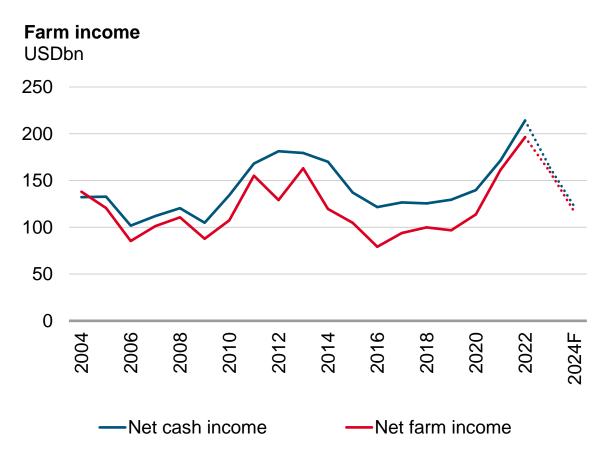


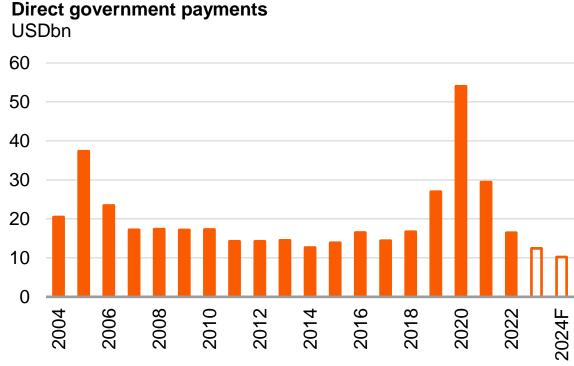
Note: After Dec 2019, prices for EU without UK. EU price for February and March 2024 provisional Source: USDA, www.clal.it/en/?section=latte\_europa\_mmo



# US farm income (USDA)

(latest estimates as of February 2024; inflation adjusted)





Source: USDA; values in 2024 dollars (inflation adjusted)



## **Bucher Municipal**

## Municipal vehicles and winter maintenance equipment

#### Compact sweepers





Truck-mounted sweepers





**BUCHER** 



Connect











Winter equipment



Refuse equipment



# Electrify and digitalise offering, industrialise production

Strategic focus of Bucher Municipal



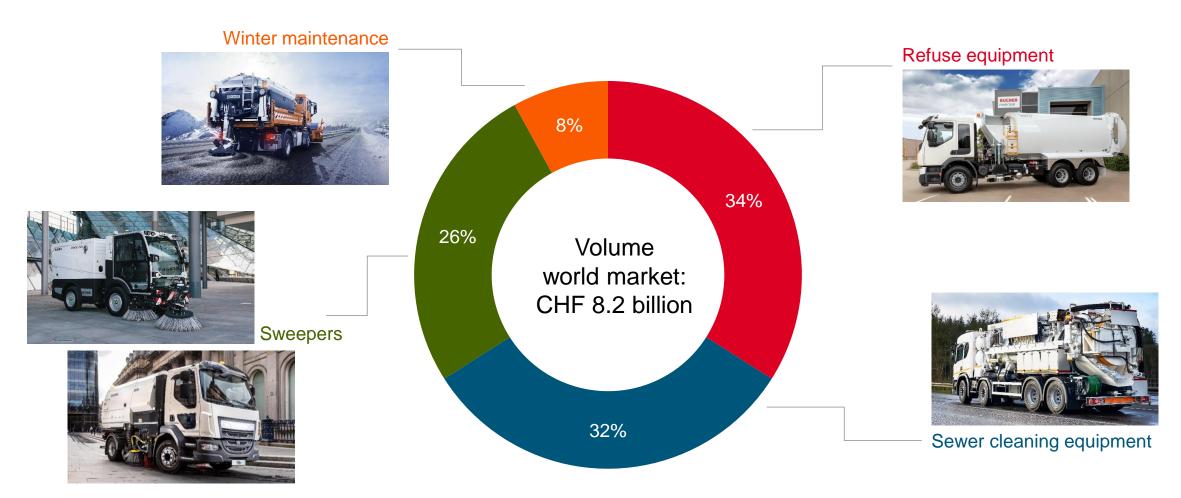
#### Industrialise production and strengthen service presence

- "One company one brand" for optimised sales and service
- Strong service coverage in key markets, supported by digital solution "Bucher Connect"
- Market penetration with electrified sweepers, winter maintenance equipment as well as refuse collection and sewer cleaning vehicles
- Greater efficiency due to modularisation



# Global municipal equipment market

## **Bucher Municipal**



Source: Bucher Municipal Analysis, machine volumes only, estimate 2020

# Complete product range under one brand

## **Bucher Municipal**

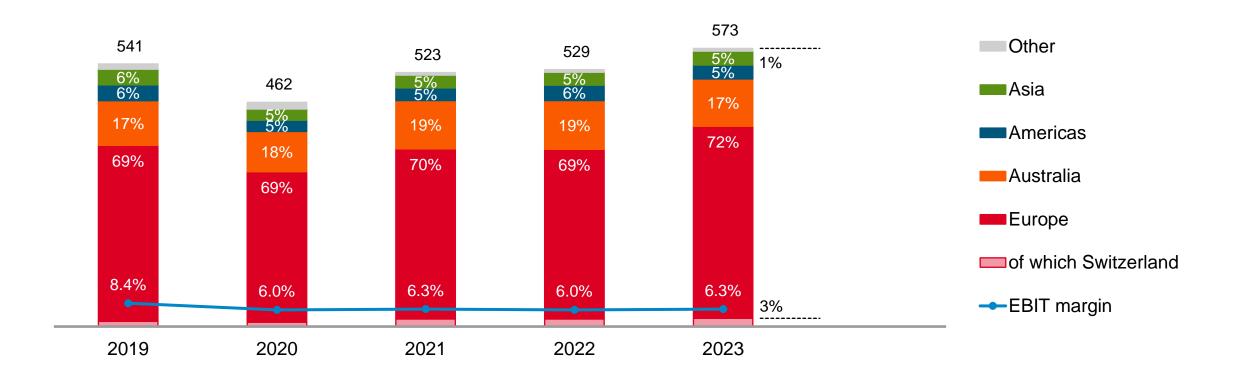
Competitors		Sweepers					es	Wi	nter maintenar	Sewer cleaning equipment		
	Vac	cuum	Mech	Mechanical								
	Compact	Truck mounted	Compact	Truck mounted	Front	Rear	Side	Spreaders	Ploughs	Snow blowers	Municipal	Industry
Bucher Municipal												
Federal Signal												
Alamo												
Douglas Dynamics												
Terberg-RosRoca												
Aebi-Schmidt												
Faun												
Fayat												
Hako												
Boschung												
Cappellotto												
Kaiser												
Zoomlion												



## Net sales by region and EBIT margin

## **Bucher Municipal**

**CHFm** 





# Stable demand and sales above prior-year period

## **Bucher Municipal**

CHFm					Change
First quarter	2024	2023	%	% <sup>1)</sup>	% <sup>2)</sup>
Order intake	149	159	-6.2	-1.6	-2.3
Net sales	139	129	7.1	12.7	11.9
Order book	315	340	-7.4	-2.6	-2.6
Average number of FTEs	2'505	2'490	0.6		-0.1
Full year	2023	2022	%	% <sup>1)</sup>	% <sup>2)</sup>
Order book	311	310	0.5	6.3	2.1
Net sales	573	529	8.2	14.2	13.0
Operating profit (EBIT) % of net sales	36 6.3%	32 6.0%	14.3		

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



<sup>2)</sup> Adjusted for currency and acquisition effects

## **Bucher Hydraulics**

## Customised drive systems



Pumps/motors



Valves/manifold block solutions



Cylinders



Compact power units



Inverters/ converters



Electrohydraulic systems

#### Agricultural machinery



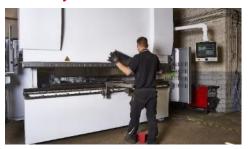
Construction equipment



Materials handling



Industry

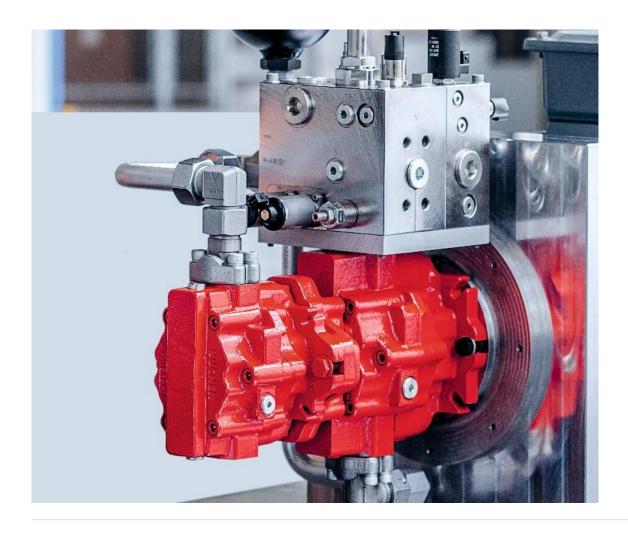


Other segments: Mining/tunnelling, energy technology, municipal vehicles, elevator technology, high-voltage switch gear



## Investment in the future

Strategic focus of Bucher Hydraulics



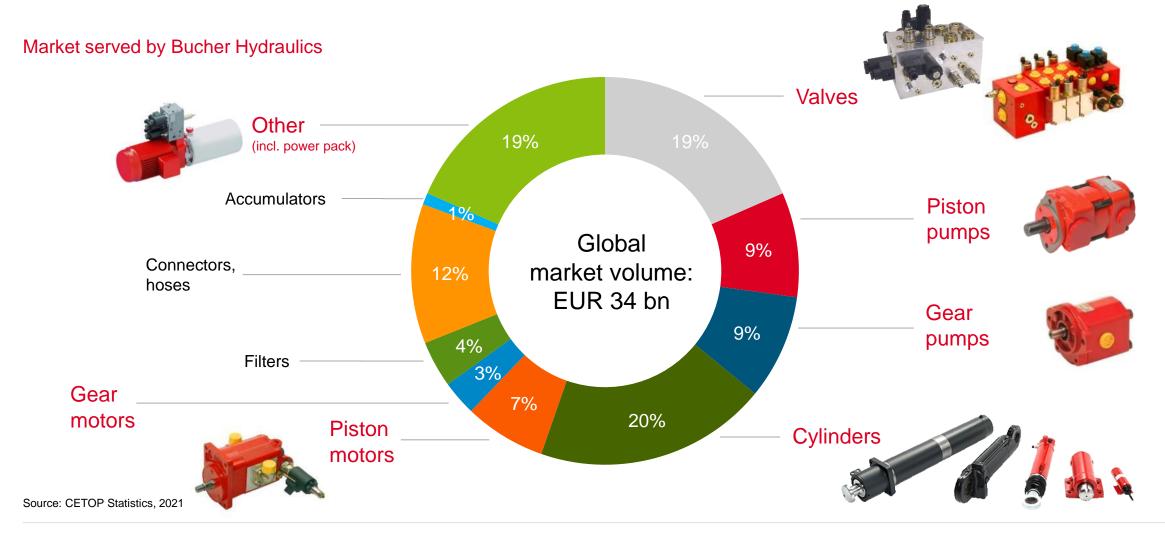
#### Leverage electrification and broaden product offering

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



## World hydraulics component market

## **Bucher Hydraulics**





# Leading manufacturer with wide range of products

## **Bucher Hydraulics**

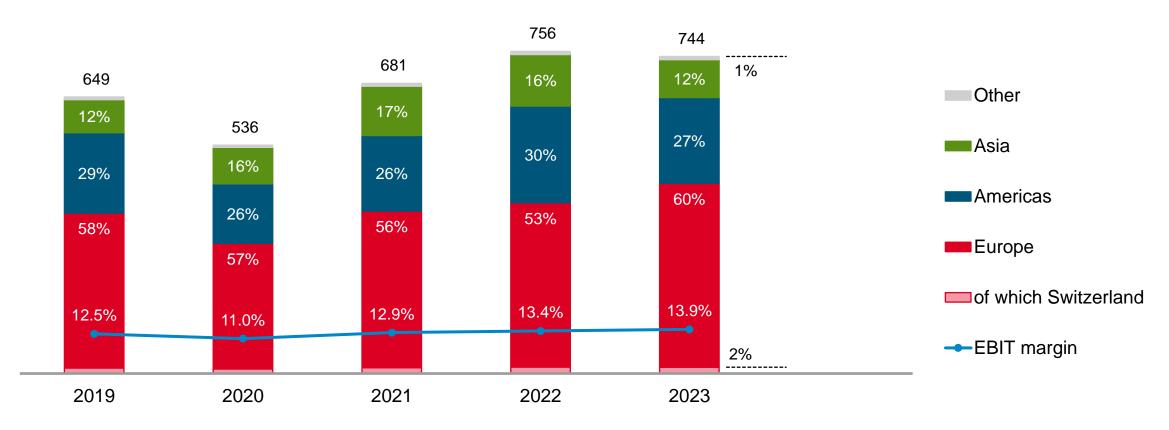
		Pumps	5	Valves					Motors and cylinders			Accessories			Power packs			
Competitors	Piston	Vane	Gear	Industrial (Cetop)	Servo	Direc- tional spool	Car- tridge	HIC	Spe- cial	Gear	Piston	Cylin- ders	Elec- tronics	Accumu- lators	Filters	Other	Com- pact	Con- trac- ting
Bucher Hydraulics																		
Parker (USA)																		
Rexroth (DE)																		
Danfoss (DK)																		
Hydac (DE)																		
HAWE (DE)																		
Dana (IT)																		
Interpump (IT)																		
Voith (DE)																		
Moog (USA)																		
Concentric (SE)																		
Husco (USA)																		
Sun Hydraulics (USA)																		



# Net sales by region and EBIT margin

## **Bucher Hydraulics**

**CHFm** 





# Weakening demand in the hydraulics markets

## **Bucher Hydraulics**

CHFm				Change
First quarter	2024	2023	%	% <sup>1)</sup>
Order intake	147	194	-24.2	-20.4
Net sales	182	206	-11.6	-7.5
Order book	190	298	-36.3	-33.3
Average number of FTEs	3'062	2'996	2.2	
Full year	2023	2022	%	% <sup>1)</sup>
Order book	230	316	-27.2	-24.2
Net sales	744	756	-1.6	2.6
Operating profit (EBIT) % of net sales	104 13.9%	101 13.4%	2.1	

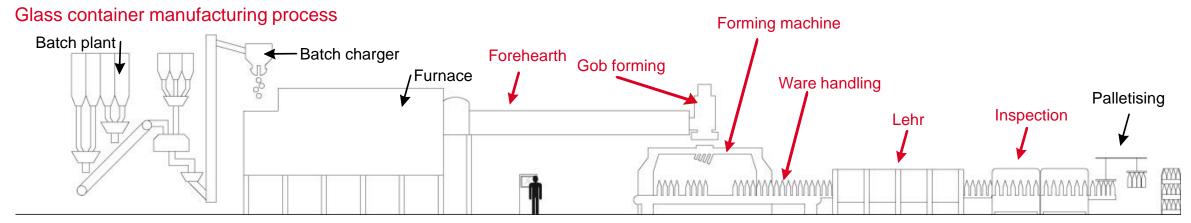
<sup>1)</sup> Adjusted for currency effects



## **Bucher Emhart Glass**

## Glass container manufacturing equipment

# Forming machine Inspection

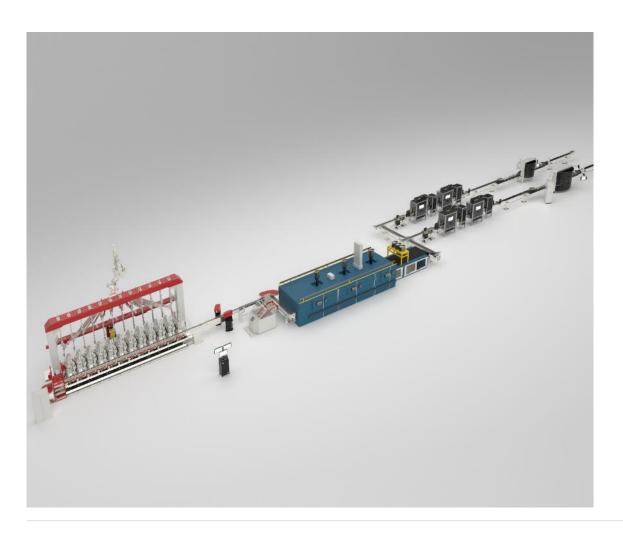


In red: market served by Bucher Emhart Glass



## Further strengthening of market position

Strategic focus of Bucher Emhart Glass



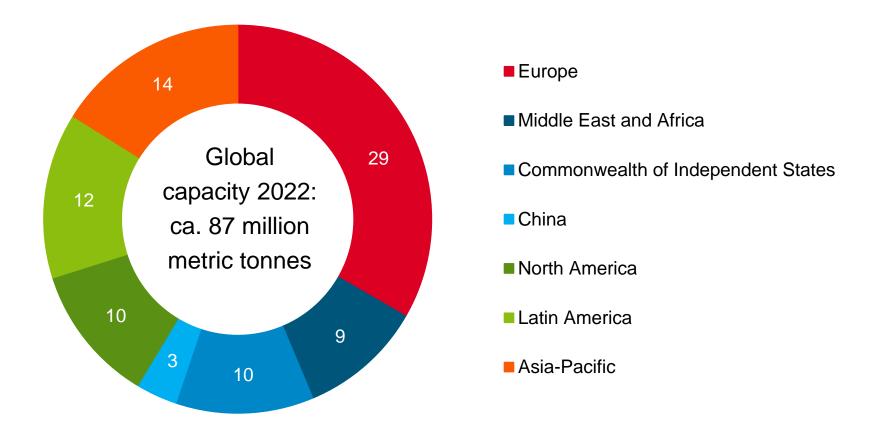
#### Drive customers' production efficiency

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



# Capacity for production of glass containers

#### **Bucher Emhart Glass**



Source: own estimates



# World's leading manufacturer of glass container machinery

#### **Bucher Emhart Glass**

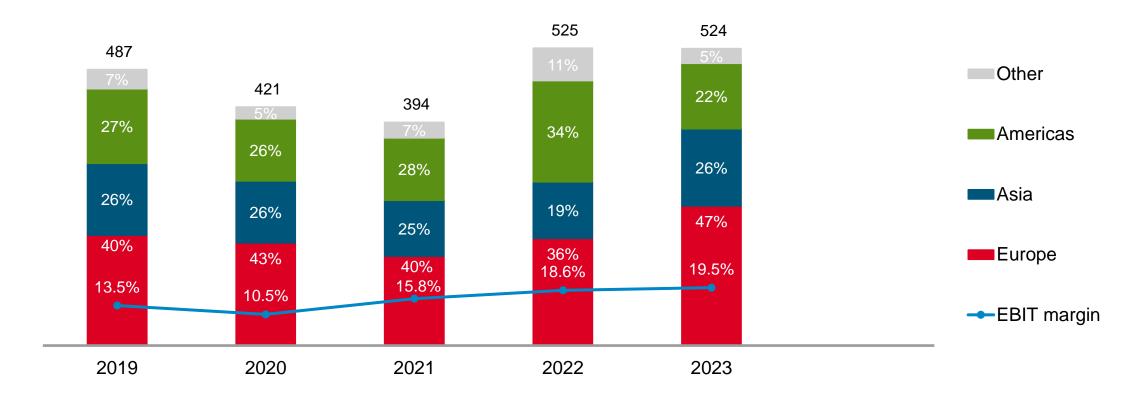
Competitors					Cold end						
			Gob forming	IS fo	rming mad	chine					
	Furnace	Forehearth	Feeder and shear	NIS	NIS AIS IS		Ware handling	Lehr	Inspection	Palletising	Wrapping
Bucher Emhart Glass											
Bottero (IT)											
Heye (DE)											
Sklostroj (CZ)											
BDF (IT)											
Competitors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



# Net sales by region and EBIT margin

#### **Bucher Emhart Glass**

**CHFm** 





# Declining market momentum

#### **Bucher Emhart Glass**

CHFm				Change
First quarter	2024	2023	%	% <sup>1)</sup>
Order intake	113	124	-9.2	-4.1
Net sales	124	133	-6.2	-0.8
Order book	283	306	-7.5	-2.7
Average number of FTEs	1'662	1'640	1.3	
Full year	2023	2022	%	% <sup>1)</sup>
Order book	302	319	-5.3	-1.5
Net sales	524	525	-0.3	4.1
Operating profit (EBIT) % of net sales	102 19.5%	98 18.6%	4.6	

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



# **Bucher Specials**

#### Individual businesses

#### **Bucher Vaslin**



Winemaking equipment



#### **Bucher Unipektin**





Equipment for fruit juice processing, beer filtration and drying

#### **Bucher Landtechnik**



Agricultural distributorship in Switzerland

#### **Bucher Automation**







## Competitive positioning in niche applications

Strategic focus of Bucher Specials



#### **Specialties**

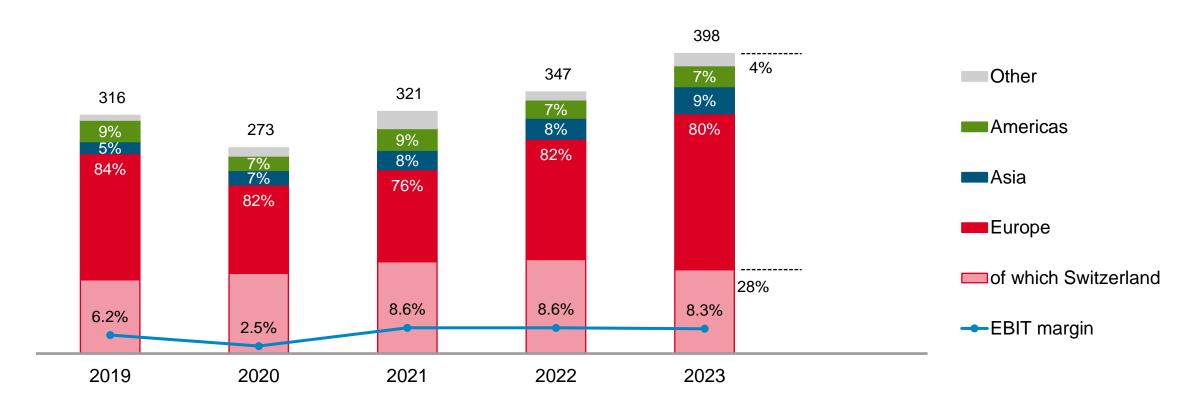
- Drive automation capabilities in Bucher Group
- Technology and market leader in selected areas of beverage processing
- Promote precision farming technologies in Switzerland



# Net sales by region and EBIT margin

## **Bucher Specials**

**CHFm** 





# Diverging market developments

## **Bucher Specials**

CHFm					Change
First quarter	2024	2023	%	% <sup>1)</sup>	
Order intake	94	100	-5.8	-1.2	
Net sales	72	85	-14.8	-10.3	
Order book	142	168	-15.6	-13.1	
Average number of FTEs	1'509	1'495	0.9		
Full year	2023	2022	%	% <sup>1)</sup>	%2)
Order book	122	154	-20.8	-19.2	-19.2
Net sales	398	347	14.7	17.1	9.3
Operating profit (EBIT) % of net sales	33 8.3%	30 8.6%	10.4		

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



<sup>2)</sup> Adjusted for currency and acquisition effects



Outlook and trends

## Decline in market momentum

Group: outlook for 2024

Slight softening in demand against an environment increasingly characterised by uncertainties

- Kuhn Group: decrease in sales and lower operating profit margin
- Bucher Municipal: sales in line with 2023, operating profit margin likely to increase
- Bucher Hydraulics: slight decline in sales and operating profit margin
- Bucher Emhart Glass: slightly weaker sales compared with the very high prior-year sales,
   operating profit margin somewhat lower than in 2023
- Bucher Specials: sales and operating profit margin on a par with the 2023

Slight decline in sales compared to 2023; lower, but still double-digit operating profit margin; profit for the year expected to be lower than the high level recorded in the previous year



# Growth ambition by aligning with trends

In line with historical growth rate of 3-4% p.a.<sup>1)</sup>

#### Major trends

Population growth

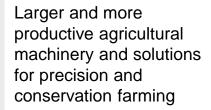
Urbanisation

Growing middle class

Climate change

#### Selected initiatives with largest sales impact on Bucher Industries







Electrified mobile machines



Electrohydraulics



Automation and intelligence



<sup>1)</sup> Average historical growth rates last ten years

# Margin and return targets over a business cycle

EBIT margin %	2019	2020	2021	2022	2023	Targets
Kuhn Group	8.3	8.3	12.2	11.7	11.4	12
Bucher Municipal	8.4	6.0	6.3	6.0	6.3	9
Bucher Hydraulics	12.5	11.0	12.9	13.4	13.9	12
Bucher Emhart Glass	13.5	10.5	15.8	18.6	19.5	12
Bucher Specials	6.2	2.5	8.6	8.6	8.3	10
Bucher Industries	9.2	7.4	11.1	11.8	11.9	>10
Group and divisions	2019	2020	2021	2022	2023	Target
RONOA after tax	19.0	13.5	25.6	28.6	24.7	>20





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