

TSE Prime Market

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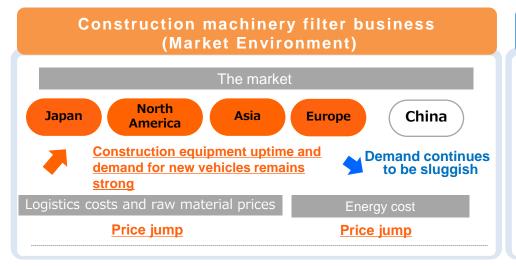
The Counteroffensive Stage

YAMASHIN-FILTER CORP. Financial Results for the Second Quarter of the Fiscal Year Ended March 31, 2024

November 24, 2023



Although the growth of the construction machinery market remained strong mainly in North America, the sales
decreased due to the impact of COVID-19 recovery demand in the previous fiscal year. Despite passing on prices
in an effort to achieve adequate prices, income decreased due to high raw material prices and sales mix.



Air Filter Business (Market Environment)

Demand for filter replacement of office buildings, etc. is recovering

Under the environmental issues such as CO₂ reduction and reduction of industrial waste

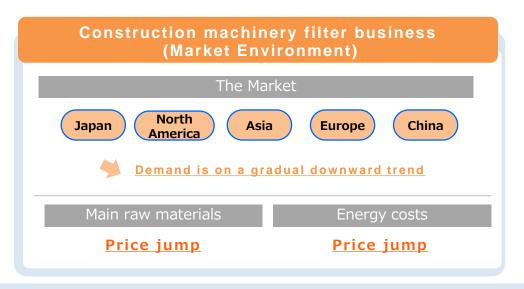
Expand business by utilizing the high competitiveness and reliability of our

products

_	consolidated sales: 879 million yen oY: 4.5% decrease in sales	Consolidated operating income: 420 million yen YoY: 19.3% decrease in profit *Shareholders' equity ratio: 81.2%		
Construction machinery filter	Sales decreased 5.6% YoY to 7,410 million yen	The main markets except China, operating hours and demand for new construction equipment remain strong		
Air filter	Sales increased 2.3% YoY to 1,298 million yen	Increased demand for replacement filters for building HVAC		

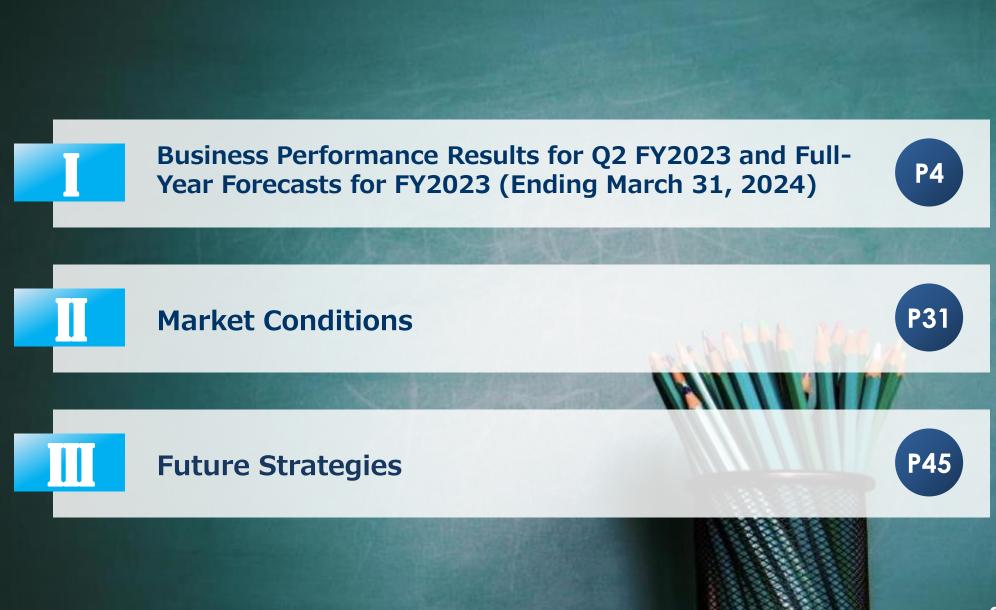


 Compared to the previously announced forecast, sales are expected to decrease due to a gradual downward trend in demand from the third quarter onward. Profit is expected to increase due to price pass-through and cost reduction activities, and an upward revision has been made



Business Performance for Q2 FY2023	1 20/ decrease in sales	Consolidated operating income: 820 million yen Change from previous announcement: 36.7% increase in profit Note: EPS 7.3 (+1.0), ROE 2.5% (+0.3 Pt)		
Construction machinery filter	Change from previous announcement: Sales decreased by 0.7%, 14,710 million yen	Uncertainty in external environment including Russia and Middle East; demand for construction equipment on a downward trend. Sales are expected to decrease, but profit is expected to increase due to price pass-through and cost improvement.		
Air filter	Change from previous announcement: Sales decreased by 4.3%, 2,680 million yen	Decreased revenue due to factors such as sales mix, but profit remains unchanged for the full year.		









Business Performance Results for Q2 FY2023 (July to September 2023)



			Q2 FY2022 Results	Q2 FY2023 Results	Diffe	rence
(million yen)			Amount	Amount	Amount	%
Net sales			4,953	4,406	△546	△11.0%
	Construction ma	chinery filters*	4,319	3,800	△519	△12.0%
1	Air filters		633	606	△26	△4.3%
Operating income	e (segment inco	me)	427	307	△119	△27.9%
	Construction ma	chinery filters	423	318	△105	△24.9%
	Air filters		3	△10	△14	△362.1%
Operating income	e margin		8.6%	7.0%	△1.6Pt	
Ordinary pro	ofit		400	322	△78	△19.6%
Ordinary profit m	nargin		8.1%	7.3%	△0.8Pt	
Net income			259	206	△53	△20.5%
Net income marg	gin		5.2%	4.7%	△0.6Pt	
Exchange rat	tes (Yen)	USD	134.0	141.0	7.0	5.2%
(ave.	.)	EUR	138.7	153.4	14.7	10.6%

^{* &}quot;Construction machinery filters" includes filters for construction machinery, industrial use and process use.



((million yen)	FY2022	Q2 FY2023	Change (Amount)	Change (%)
Cı	urrent assets	12,923	13,697	773	6.0%
	Cash and deposits	4,113	5,119	1,005	24.4%
	Notes and accounts receivable-trade	4,446	4,535	88	2.0%
	Merchandise and finished goods, Raw materials and Supplies	4,141	3,818	△323	△7.8%
	Other	221	224	3	1.4%
Fi	xed assets	12,658	12,630	△27	△0.2%
	Tangible fixed assets	11,683	11,503	△180	△1.5%
	Intangible fixed assets	172	209	36	21.4%
	Investments and other assets	801	917	115	14.4%
To	otal assets	25,581	26,327	746	2.9%

				_	
		FY2022	Q2 FY2023	Change (Amount)	Change (%)
(Current liabilities	3,343	3,887	544	16.3%
	Notes and accounts payable-trade	1,453	1,642	189	13.1%
	Corporate bonds payable within one year and short-term loans payable	683	1,003	320	46.8%
	Other	1,206	1,241	34	2.9%
ı	Fixed liabilities	1,260	1,073	△186	△14.8%
	Corporate bonds and long-term debt	722	521	△201	△27.9%
	Net defined benefits Liability	257	268	11	4.4%
	Other	280	283	3	1.2%
1	Total net assets	20,977	21,366	388	1.9%
	Total of liabilities and net assets	25,581	26,327	746	2.9%
*S	Shareholders' equity ration	82.0%	81.2%		



(Q2 FY2022 Results	Q2 FY2023 Results	Diffe	rence
(million yen)		Amount	Amount	Amount	%
Construction machiner	y filters	3,895	3,471	∆423	△10.9%
	Line parts	1,463	1,424	∆39	△2.7%
	Service parts	2,431	2,047	∆384	△15.8%
Industrial filters		198	143	△54	△27.6%
Process filters		226	185	△41	△18.2%
	total hinery filters, etc.)	4,319	3,800	△519	△12.0%
Air filters		633	606	△26	△4.3%
Total		4,953	4,406	△546	△11.0%

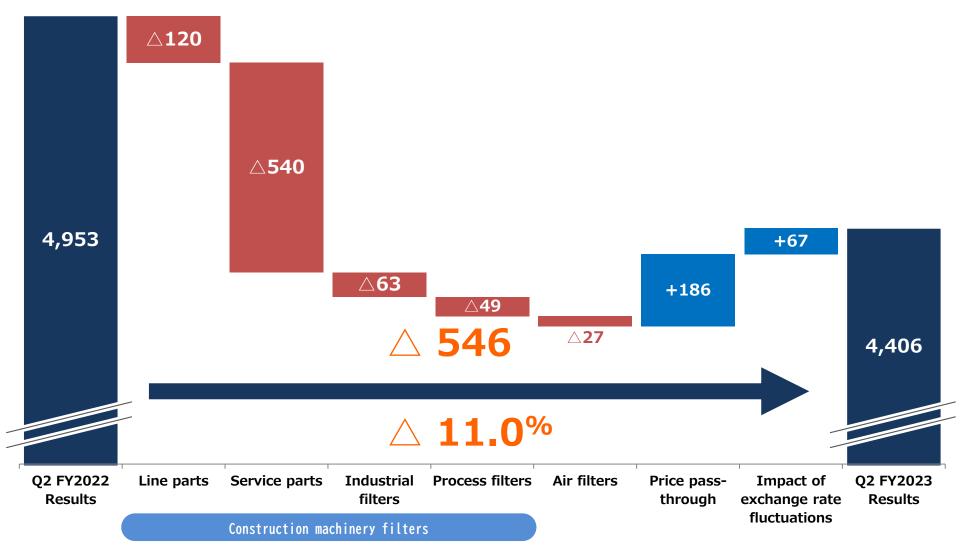


		Q2 FY2022 Results		Q2 FY202	3 Results	Diffe	rence
(1	million yen)	Amount	Composition Ratio (%)	Amount	Composition Ratio (%)	Amount	%
	nstruction machinery ers*	4,319	87.2%	3,800	86.2%	△519	△12.0%
	Japan	2,123	42.9%	1,691	38.4%	△432	△20.4%
	North America	980	19.8%	704	16.0%	△275	△28.1%
	China	356	7.2%	269	6.1%	△86	△24.3%
	Other Asian countries	408	8.2%	635	14.4%	226	55.5%
	Europe	449	9.1%	499	11.3%	49	11.1%
	Others (Middle East, etc.)	1	0.0%	0	0.0%	△1	△73.8%
Aiı	filters (Japan)	633	12.8%	606	13.8%	△26	△4.3%
	Total sales	4,953	100.0%	4,406	100.0%	△546	△11.0%

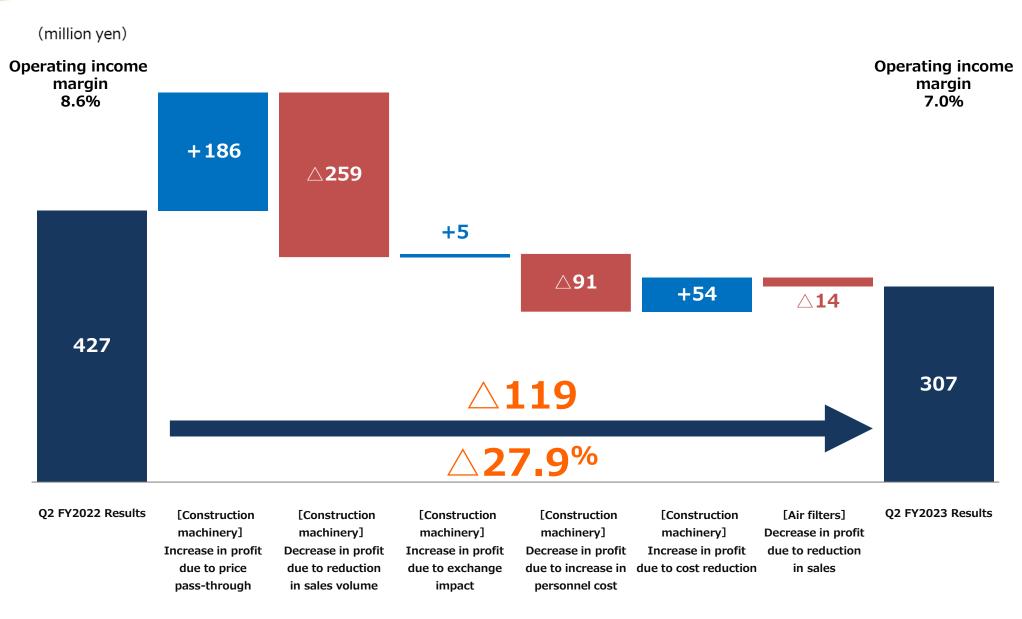
^{* &}quot;Construction machinery filters" includes filters for construction machinery, industrial use and process use. Note: The above figures by region are based on the billing address.













Business Performance Results for FY2023 YTD (April to September 2023)



			Q2 FY2022 YTD Results	Q2 FY2023 YTD Results	Diffe	rence
			Amount	Amount	Amount	%
Net sales			9,123	8,709	△413	△4.5%
Con	nstruction ma	chinery filters*	7,852	7,410	△442	△5.6%
Air	filters		1,270	1,298	28	2.3%
Operating income (se	egment incon	ne)	521	420	△100	△19.3%
Con	nstruction ma	chinery filters	516	381	△135	△26.2%
Air	filters		4	39	34	730.0%
Operating income m	nargin		5.7%	4.8%	△0.9Pt	
Ordinary profit			458	417	△40	△8.9%
Ordinary profit marg	gin		5.0%	4.8%	△0.2Pt	
Net income			271	226	△45	△16.7%
Net income margin			3.0%	2.6%	△0.4Pt	
Exchange rates	s (Yen)	USD	134.0	141.0	7.0	5.2%
(ave.)		EUR	138.7	153.4	14.7	10.6%

^{*&}quot;Construction machinery filters" includes filters for construction machinery, industrial use and process use.



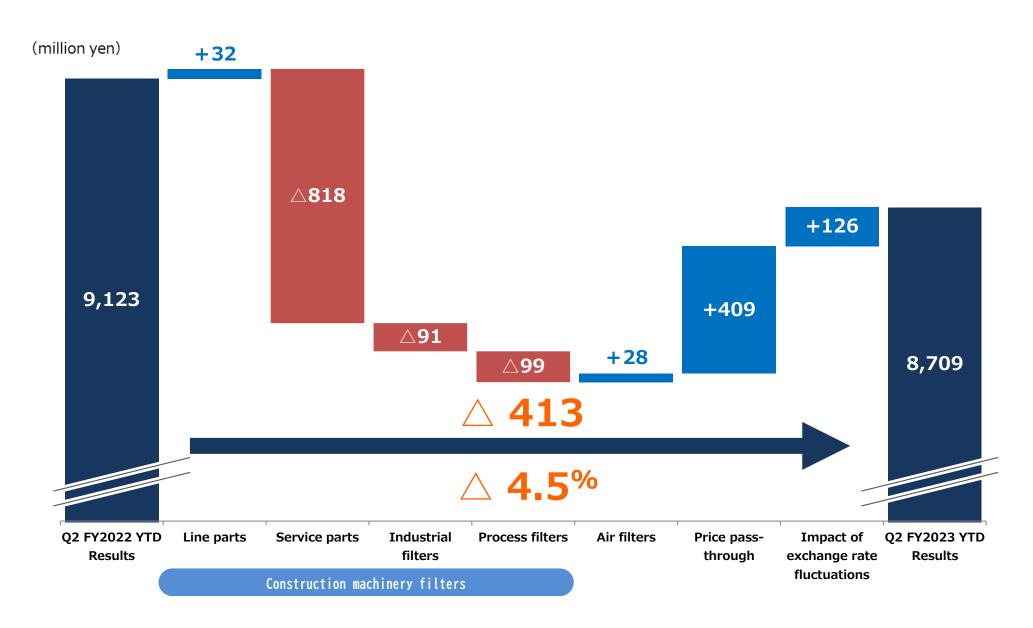
		Q2 FY2022 YTD Results	Q2 FY2023 YTD Results	Diffe	rence
		Amount	Amount	Amount	%
Construction machiner	y filters	7,032	6,739	△292	△4.2%
	Line parts	2,763	2,970	206	7.5%
	Service parts	4,268	3,769	△499	△11.7%
Industrial filters		383	312	△70	△18.4%
Process filters		437	358	△78	△18.0%
	total hinery filters, etc.*)	7,852	7,410	∆442	△5.6%
Air filters		1,270	1,298	28	2.3%
To	tal	9,123	8,709	△413	△4.5%



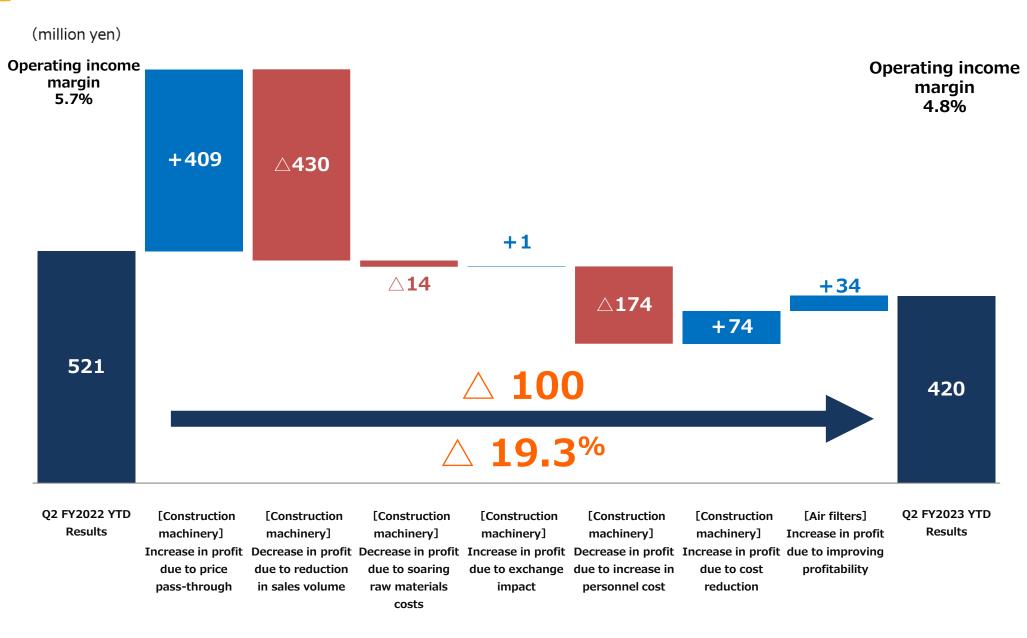
		Q2 FY2022 YTD Results		Q2 FY20 Res	023 YTD sults	Difference	
		Amount	Composition Ratio (%)	Amount	Composition Ratio (%)	Amount	%
	nstruction machinery ers*	7,852	86.1%	7,410	85.1%	△442	△5.6%
	Japan	3,964	43.5%	3,403	39.1%	△561	△14.2%
	North America	1,640	18.0%	1,290	14.8%	△350	△21.3%
	China	624	6.9%	674	7.7%	49	8.0%
	Other Asian countries	743	8.1%	1,110	12.8%	367	49.4%
	Europe	875	9.6%	930	10.7%	54	6.2%
	Others (Middle East, etc.)	3	0.0%	0	0.0%	△3	△79.9%
Air	filters (Japan)	1,270	13.9%	1,298	14.9%	28	2.3%
	Total sales	9,123	100.0%	8,709	100.0%	△413	△4.5%

^{* &}quot;Construction machinery filters" includes filters for construction machinery, industrial use and process use. Note: The above figures by region are based on the billing address.





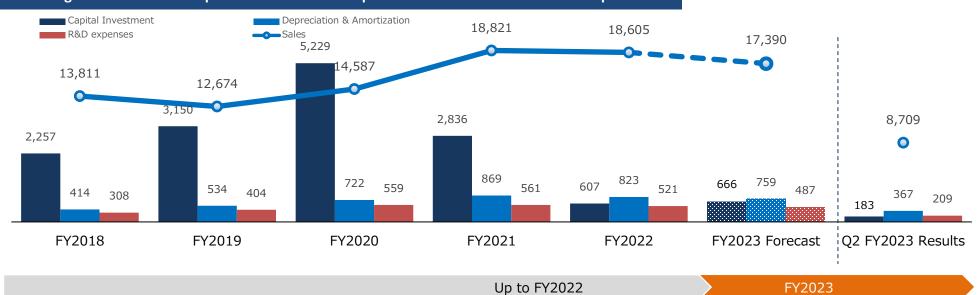






	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2023
(million yen)	Results	Results	Results	Results	Results	Forecast	Q2 Results
Net sales	13,811	12,674	14,587	18,821	18,605	17,390	8,709
Capital investment	2,257	3,150	5,229	2,836	607	666	183
Land and building	1,587	2,682	3,193	1,488	34	24	14
Facilities and others	669	467	2,036	1,347	573	642	168
Expense to sales ratio	16.3%	24.9%	35.9%	15.1%	3.3%	3.8%	2.1%
Depreciation and amortization	414	534	722	869	823	759	367
Expense to sales ratio	3.0%	4.2%	5.0%	4.6%	4.4%	4.4%	4.2%
R&D expenses	308	404	559	561	521	487	209
Expense to sales ratio	2.2%	3.2%	3.8%	3.0%	2.8%	2.8%	2.4%

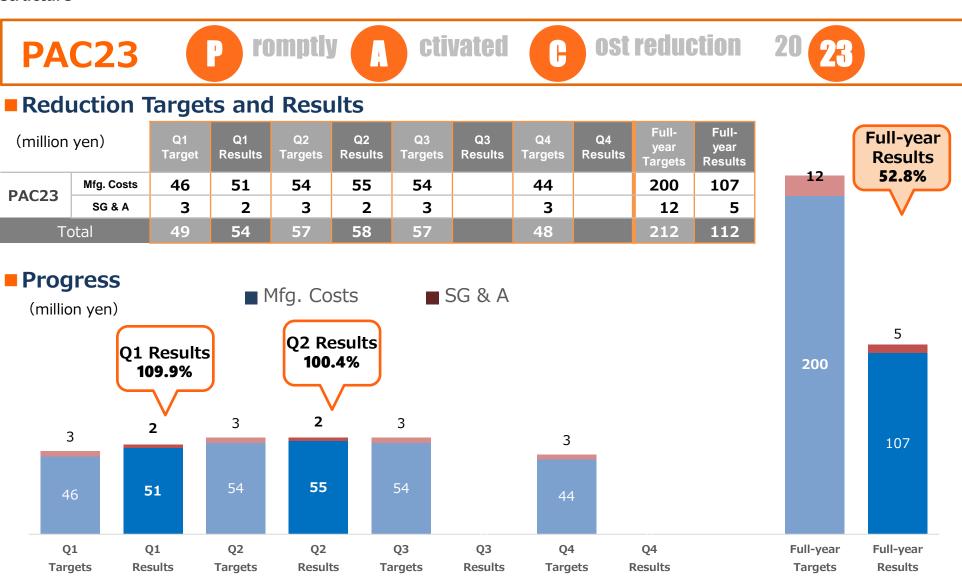
Change in net sales and capital investment and depreciation & amortization & R&D expenses



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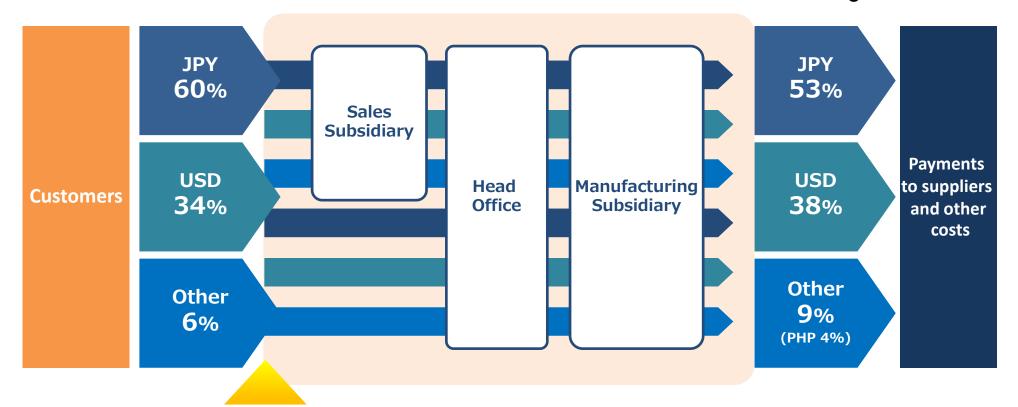


Implement comprehensive improvements in production technology, management and systems to strengthen the profit structure





Positive impact on operating income of approx. 1 million yen due to the ongoing depreciation of the EUR/JPY and increase in USD-denominated sales in Southeast Asia region

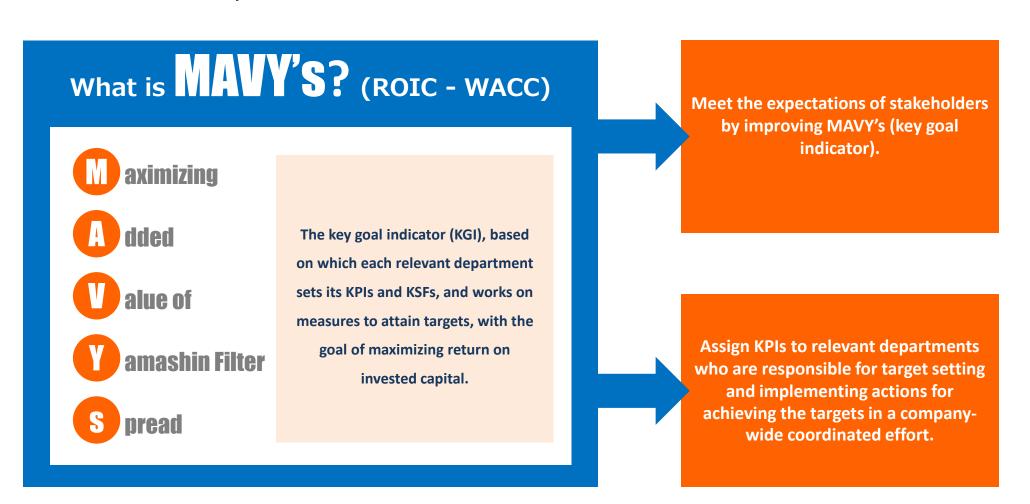


60% of transaction currency is JPY.

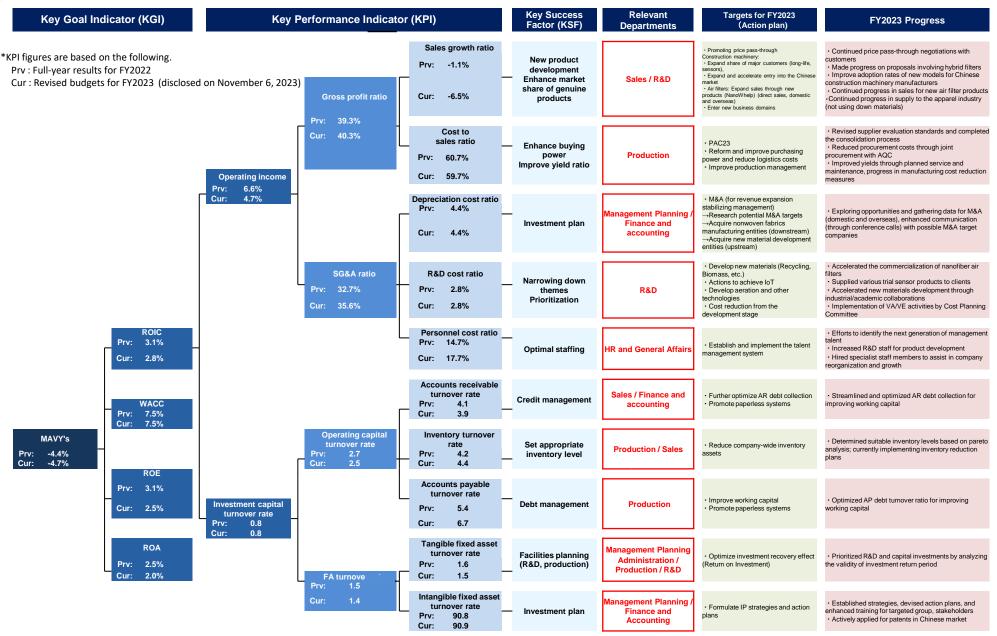
- If the exchange rate were to depreciate by 1-yen, the impact on operating income would be minor (April to September 2023)
- Strengthening of operational hedge-marry and netting



Target figures for corporate value improvement are incorporated not only in the administrative department but also on-site









Full-year Forecasts for FY2023 (Ending March 31, 2024)



Construction machinery filters

- Uncertainty continues in foreign affairs, including the situation in Russia and the Middle East, and demand for construction equipment is expected to decline in the second half of the year and beyond
- Prices will continue to rise for key raw materials, particularly aluminum and steel, and fixed costs will increase due to higher salaries as part of investments in human capital
- We will carry out cost reduction through further price pass-through, cost reduction at the design and development stage, reduction of raw material costs, improvement of manufacturing processes, and further enhancement of quality control

Air filters

- Demand for replacement of existing products remains steady.
- Progress in efforts to adopt our products in office buildings, commercial facilities, factories, etc. through development of high-value-added products such as nanofiber air filters.
- Expect to improve profitability by increasing production efficiency and reducing expenses



	,		FY2022	FY2023	FY2023	Difference
	(m	nillion yen)	Results	Initial Budget	Revised Budget	
Net sales			18,605	17,620	17,390	△230
	Construction mac	hinery filters*	15,945	14,820	14,710	△110
	Air filters		2,659	2,800	2,680	△120
Operating income ((segment income)		1,235	600	820	220
	Construction mac	hinery filters	1,150	510	730	220
	Air filters		84	90	90	0
Operating income	margin		6.6%	3.4%	4.7%	1.3Pt
Ordinary profi	t		915	650	860	210
Ordinary profit ma	rgin		4.9%	3.7%	4.9%	1.3Pt
Net income			645	450	520	70
Net income margin	1		3.5%	2.6%	3.0%	0.4Pt
Exchange ra	ates (Yen)	USD	135.5	130.0	145.0	11.5%
(ave	•	EUR	141.0	140.0	155.0	10.7%

^{* &}quot;Construction machinery filters" includes filters for construction machinery, industrial use and process use.



(million yen)		FY2022 Results		FY2023 Initial Budget		FY2023 Revised Budget		Difference	
		Amount	Composition Ratio (%)	Amount	Composition Ratio (%)	Amount	Composition Ratio (%)	Amount	%
Construction machinery filters		14,328	77.0%	13,304	75.5%	13,390	77.0%	86	0.6%
	Line parts	5,911	31.8%	6,190	35.1%	5,865	33.7%	△324	△5.2%
	Service parts	8,417	45.2%	7,114	40.4%	7,525	43.3%	411	5.8%
Industrial filters*		749	4.0%	703	4.0%	640	3.7%	△62	△8.9%
Process filters		867	4.7%	812	4.6%	678	3.9%	△133	△16.4%
Subtotal (Construction machinery filters)		15,945	85.7%	14,820	84.1%	14,710	84.6%	△110	△0.7%
Air filters		2,659	14.3%	2,800	15.9%	2,680	15.4%	△120	△4.3%
Total		18,605	100.0%	17,620	100.0%	17,390	100.0%	△230	△1.3%

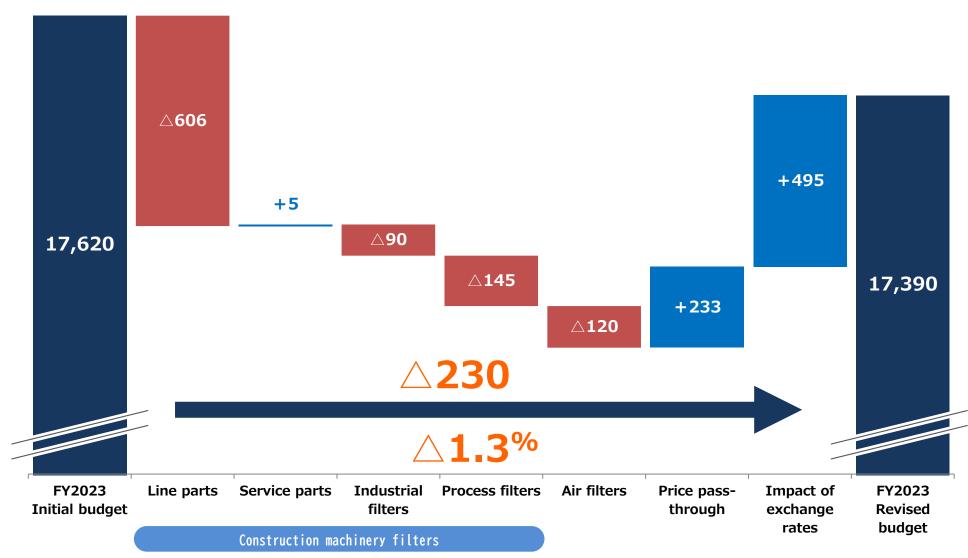


(million yen)		FY2022 Results		FY2023 Initial Budget		FY2023 Revised Budget		Difference	
		Amount	Composition Ratio (%)	Amount	Composition Ratio (%)	Amount	Composition Ratio (%)	Amount	%
Construction machinery filters*		15,945	85.7%	14,820	84.1%	14,710	84.6%	△110	△0.7%
	Japan	7,980	42.9%	6,932	39.3%	6,887	39.6%	△45	△0.7%
	North America	3,150	16.9%	3,172	18.0%	2,844	16.4%	△327	△10.3%
	China	1,380	7.4%	1,252	7.1%	1,258	7.2%	5	0.5%
	Other Asian countries	1,698	9.1%	1,617	9.2%	1,899	10.9%	281	17.4%
	Europe	1,729	9.3%	1,700	9.7%	1,817	10.5%	117	6.9%
	Others (Middle East, etc.)	6	0.0%	143	0.8%	2	0.0%	△141	△98.0%
Ai	r filters (Japan)	2,659	14.3%	2,800	15.9%	2,680	15.4%	△120	△4.3%
	Total sales	18,605	100.0%	17,620	100.0%	17,390	100.0%	△230	△1.3%

^{* &}quot;Construction machinery filters" includes filters for construction machinery, industrial use and process use. Note: The above figures by region are based on the billing address.

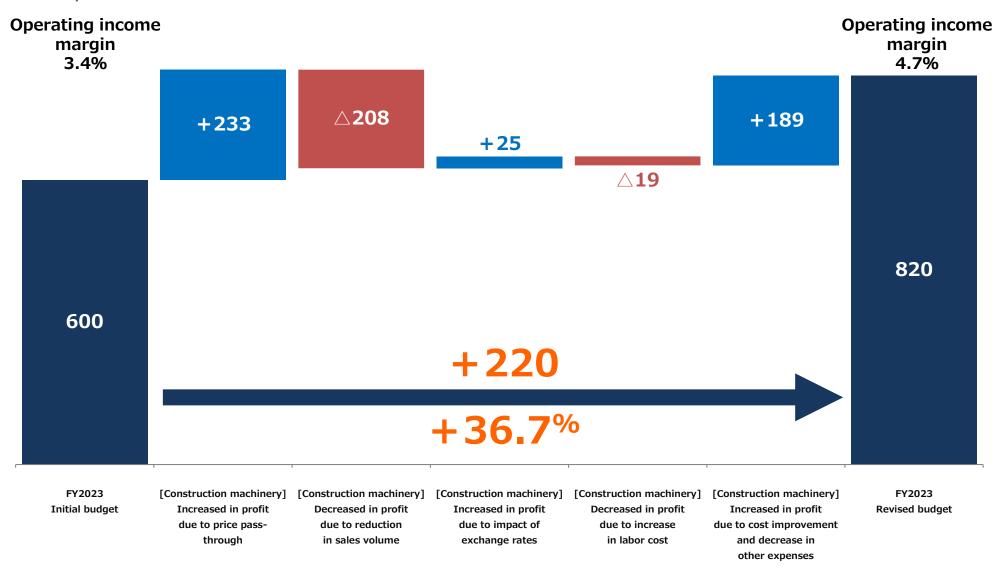








(million yen)





The annual dividend, consisting of the interim dividend of 3.0 yen and the year-end dividend of 3.0 yen, will remain unchanged at 6.0 yen per share

	FY2020	FY2021	FY2022	FY2023 Forecast
Dividend per share	¥ 6.0	¥ 6.0	¥ 6.0	¥ 6.0
DOE*1	2.2%	2.1%	2.1%	2.1%
Total return ratio*2	59.3%	960.4%	75.6%	205.3%

^{*1} DOE (Dividend on equity) = (Annual dividend ÷ Shareholders' equity) × 100 = (ROE × Dividend payout ratio)

^{*2} Total return ratio = $\{(Total \ dividend + Treasury \ stock \ acquired + Shareholder \ benefit) \div \ Net income \ attributable to shareholders of the parent company} x 100$





Conditions in the Construction Machinery Market

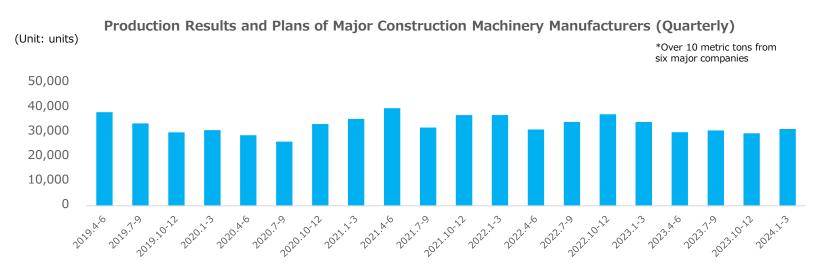


- Overall uncertainty due to escalating Middle East conflicts in addition to the situation in Russia
- Demand for new vehicles is slowing in all major regions, including Europe
- Demand for parts is stable as operating hours in North America and Asia remain strong

·	Q1 FY2023	Q2 FY2023	Future Outlook		
Japan	Raw material prices continue to rise and the yen continues to weaken Logistics costs are improving Demand for construction equipment remains firm	Energy, raw material costs and logistic costs continue to rise but demand for construction equipment is firm	Energy, raw material costs and logistic costs continue to rise, demand for construction equipment remains firm		
North America	Energy and raw material costs soaring The yen continues to depreciate and logistics costs are improving Demand for construction equipment remains firm	Continued impact of price hikes in key raw materials but construction equipment uptime and demand for new vehicles steady	Continued impact of price hikes in key raw materials. Construction equipment operating hours and demand for new vehicles on a downward trend		
Europe	Continued impact of energy and raw material price hikes and logistics costs are improving Demand is on a downward trend	Steady, although demand is expected to decline due to soaring prices of key raw materials	Demand expected to decline due to escalation of situation in Russia and Ukraine. Continued impact of price hikes in key raw materials		
Asia	Continued impact of energy and raw material price hikes and demand is on a downward trend	Demand remains strong despite expected economic slowdown	Demand will soften due to expected economic slowdown. Continued impact of price hikes in key raw materials		
China	Continued weak demand due to sluggish economic activity	Continued weak demand due to sluggish economic activity	New vehicle sales are expected to fall below the previous year's level due to the sluggish economy		



- Planned production volume (new vehicle demand) is expected to continue a gradual downward trend
- Demand for mining equipment and maintenance demand continues to maintain a firm demand environment
- Due to the effect of price adjustments, order backlogs are expected to remain at the same level



Demand for new vehicles declined moderately on a physical quantity basis

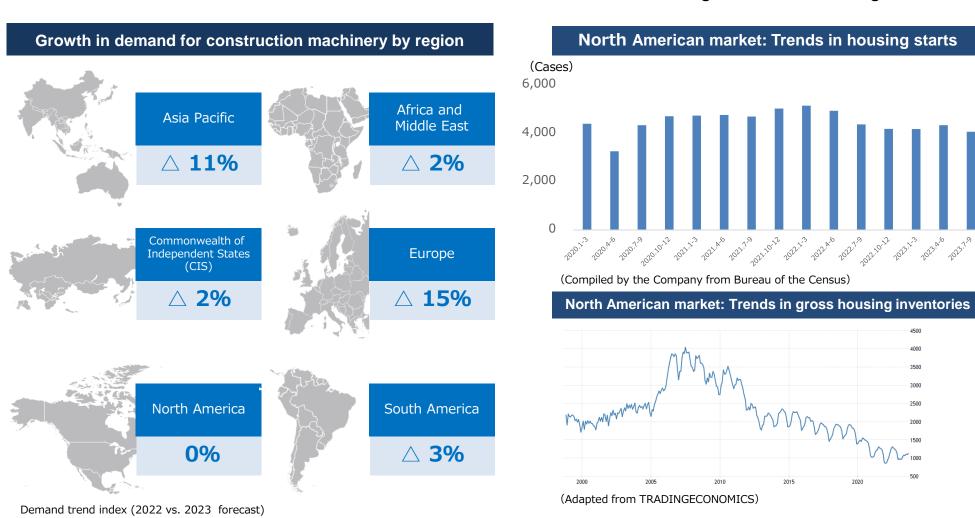
Sales and Backlog Orders: YAMASHIN Construction Machinery Filters (Quarterly)



Orders remained at the same level due to firm demand for service parts



- Although regions with year-on-year declines are prominent, demand in North America remains on par with the previous year, albeit with some uncertainty
- North American housing starts remain flat despite supply-demand imbalance
- Non-residential demand such as infrastructure investment and mining demand is strong





- Due to the sluggish market and slow recovery, the number of units in 2023 is expected to decrease by about 26% from last year
- Export ratio is high at approximately 56%, but the future is uncertain due to the government's import/export policy





- We will strengthen cost improvement efforts to counter commodity price fluctuations
- We will promote environmentally friendly materials, construction methods, and systems, rather than mere cost reductions

Development Design

Production

Distribution

VA · VE activity





Considering changes in materials and construction methods

Review of manufacturing costs

- Review of raw materials and production processes at the design and development stage
- Acceptance and implementation of VE proposals from suppliers

Improving productivity





Automation Promotion

- Productivity improvement in manufacturing process improvement
- Manpower saving through the introduction of cooperative robots to prepare for future manpower shortages

Environmentally friendly production system

- 100% recycling of tap water for manufacturing processes
- Cost reduction and problem solving

Supply chain optimization







Promotion of cross-sourcing

 Established a global production and supply system in Japan, Vietnam, and the Philippines, Cebu, reviewing supply chain and reducing costs



- At the exhibition, machine warranties are trending toward extension, while counterfeiters are also becoming more active
- We are working to improve the capture rate of genuine parts, both in terms of products and user mindset



YAMASHIN initiatives

Promote seminar activities to eliminate imitations

Introduction of new products to detect imitations

Seminars

Seminars are held from time to time together with construction equipment manufacturers to highlight the risks of installing counterfeit products and the performance of genuine products. Inquiries are strong due to the growing demand for service parts.

Number of participants for all of last year 105

Number of participants for 1st half of this year 134



Eliminate imitations from the market with developed products

Decrease in opportunities to incorporate imitations

YAMASHIN Nano Filter ®



YAMASHIN Nano Filter Unit sales price is approx. 2 times that of existing products, contributing to longer product life

Monitoring of
Incorporated imitations
Detects 100%
imitations with IC





FILTER SAVER™







Conditions in the Air Filter Market

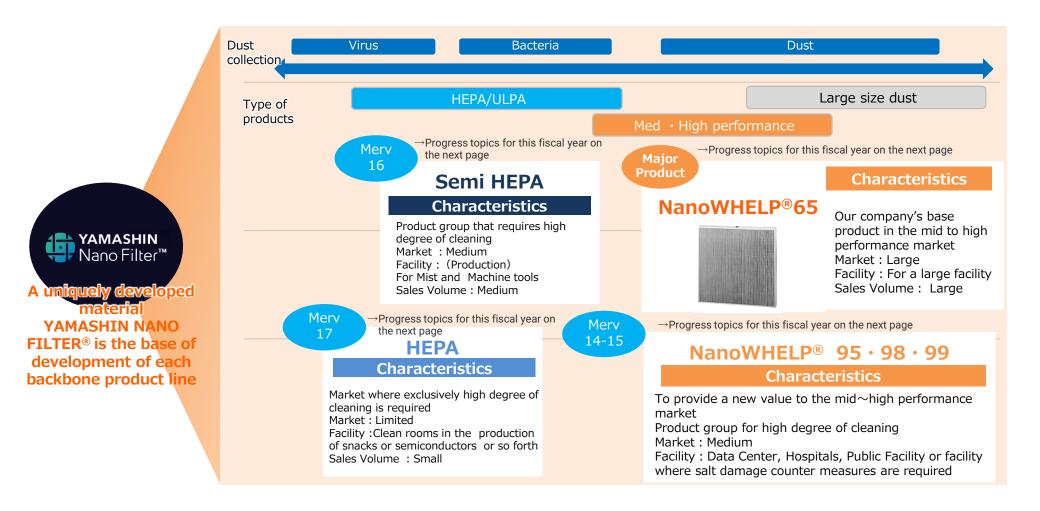


- Maintaining a stable demand environment in each segment
- In buildings, repeat demand for offices and other buildings is recovering moderately
- Maintenance demand for general factories remained strong as equipment utilization rates rose

		Market environment						
	Market overview	Previous year	Forecast for the current year					
Buildings	Air filters for outdoor air intake units, indoor air conditioning, etc. installed in offices, commercial buildings, etc.	Repeat projects in urban areas are firm. Although there is a trend of local buyers being reluctant to buy, the impact is minimal	Repeat demand is strong for large properties in Tokyo and similarly, demand for small properties is also recovering nationwide					
General factories	Air filters for outdoor air intake units, indoor air conditioning, etc. installed in factories	There are signs of recovery in larg scale projects. Inquiries for capital investment are also on the rise						
Semiconductor factories	Chemical filter replacement market	Demand is flat due to a lull in capital investment	Capital investment expected to remain strong					
Environmental equipment	Air filters for residential air conditioning and air purifiers used in homes	The downward trend in housing starts has subsided and is recovering	Housing starts are on a gradual recovery trend. New housing starts expected to decline steadily over the long term					
Vehicles	Air filters for air conditioning of railways, etc. Air filters for construction machinery dust	The Covid outbreak has settled down and public transportation replacement demand is recovering	Replacement demand remained strong due to the recovery in the number of rail passengers					



- Sales expansion of the NanoWHELP® series using the market's only proprietary nanofiber filter media
- Developing the market with its features of long life and low aerodynamic drag



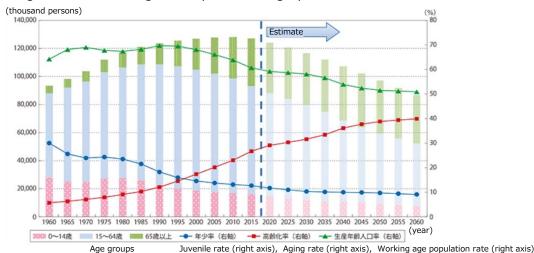
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- The working population is steadily declining and labor shortages are becoming apparent
- Office demand is expected to remain strong, especially for redevelopment projects in urban areas

Chronic labor shortage due to decline in working-age population

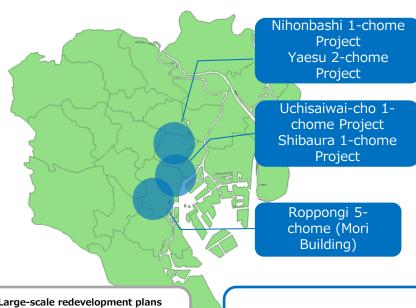
Diagram 1-1-1: Changes in Japan's demographic structure



Source: Ministry of Economy, Trade and Industry, "Diversity 2.0: One Step Ahead to Competitive Strategies", June, 2017

The working-age population has declined from 87 million at its peak (1995) to 75 million, a decrease of more than 13% which will lead to a chronic shortage of labor

Longer replacement frequencies, etc., are forcing responses through reductions in man-hours required for labor. Tokyo 23 wards: Redevelopment plan by 2030 (total floor area of 300,000 m² or more)



- Large-scale redevelopment plans that have already been commercialized will continue until 2030
- Vacancy rate averaging around 3% for large, relatively new buildings with high demand for medium- to high-performance filters

Medium to high performance filter market centered on the Tokyo metropolitan area is expected to remain unchanged until 2030.

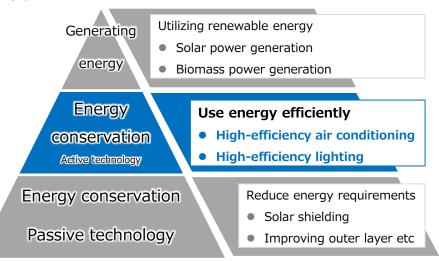


- Ministry of the Environment promotes buildings with energy-creating and energy-saving functions for efficient operation
- Developing new markets with our flagship product, NanoWHELP®

Environmentally Friendly Buildings (ZEB Certification)

What is an eco-friendly building (ZEB certification)?

Net Zero Energy Building (ZEB) is a building that aims to achieve a comfortable indoor environment while reducing the annual primary energy balance consumed by the building to zero



The axis of energy conservation is the air conditioning system. Air filter is the main item

World's first nanofilter air filter

NanoWHELP®





Product Features

- YANAMSHIN NANO FILTER® performance and <u>sustained</u> <u>low pressure drop</u>
- The only medium to high performance filter from a Japanese manufacturer obtained <u>MERV14 certification</u>, the highest level for building air conditioning
- In addition to high performance, it is also <u>effective in</u> reducing CO₂ emissions.

Collection efficiency of 96% for PM2.5 Initial efficiency 80% or more

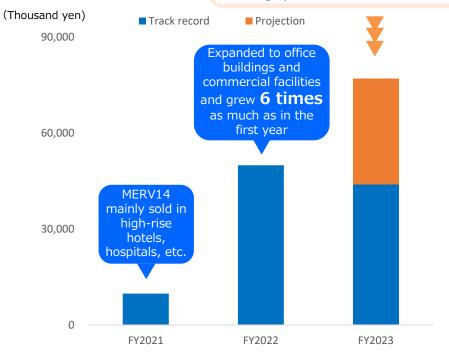
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- Sales are steadily increasing based on NanoWHELP's high appeal
- Develop cross-industry sales channels by building a track record of adoption in a wide variety of buildings

NanoWHELP sales volume and sales performance trends

In addition to contributing to a **safe and comfortable environment** by taking advantage of high collection rates, **CO**² **emissions reduction effects** due to low pressure loss and **long service life**, which will lead to measures against labor shortages in the near future, are also highly evaluated.



Status of Introduction

Expansion from general air conditioning to the field of environmental contribution to large-scale properties in various fields such as data centers, hospitals, offices, etc.

Regional Core Hospital



One of the largest regional core hospitals in the Tama area of Tokyo. It was also the center of Covid control in the region.
Due to the scale of the facility, maintenance is performed throughout the year by a resident facilities maintenance company, and it is essential to reduce man-hours. Therefore, long life, at least 2 years, was a condition for adoption.

Data center



Data center for a major IT solutions provider. The decision was made to adopt an existing manufacturer's product as an upgrade.

The long life of the NanoWHELP was a factor in its adoption, contributing to its cost performance as well as its compliance with the MERV13 certification.









Right-sizing Prices

Price negotiations with key customers

 Negotiated with major customers to shift prices to appropriate levels in response to changes in the external environment

Reinforcement of Profit Management System

Reinforcement of profit management system

Monitoring profitability at Cost
 Planning Committee meetings

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Strengthening Group Governance

Business restructuring

Improved management
 efficiency and strengthened
 controls throughout the group

New Hiring Proposal

Supply of high valueadded products

 Expand supply of high valueadded products based on customer needs

Review of development costs

Review of development costs

 Reviewed raw materials and production processes at the design and development stage, and standardized parts

Manufacturing Cost Improvement

Review of the value chain

 Review supply chain and reduce costs by establishing a global production and supply system



What to aim for

Achieving Sustainable Society

Our themes









Environ ment



Demonstrating our strengths through business



Construction machinery

ESG management practices

Technical Meister to master the art of manufacturing Ability to create innovation

Air filters

Rokajinitsukafuru



 Sustainability Report 2023 (in Japanese) is now published, summarizing our ESG initiatives





Sustainability Report 2023

Main contents

Top Message

President & Vice President dialogue



Special feature on
Environmentally friendly
products

Establishment of mid- to longterm non-financial KPIs

Achieving Carbon Neutrality, Scope 1, 2, 3 disclosure begins

Outside director interview

Note: English version will be published at the end of December 2023



Construction machinery filters

Deepening of electronic control

Railroad
Agricultural and industrial

Exploration of new areas

Filter business for construction machinery

High value-added filter product development

- For hydraulic
- For transmission
- For fuel

<u>Focusing on next-generation hydraulic</u> <u>systems electronic control by sensors</u>

Development of new business areas

For freight railway
For agricultural and industrial machinery

Filtration media development

Long Life/ Development of eco-friendly materials

Petroleum-derived PET resin
Development of Biomass PET
filter media
Development of biodegradable
materials
recycling circulation

New business domain

Entering the new materials field by applying YAMASHIN NANO FILTER®



Conductive material

Biomass raw materials

Sheet material New Heat-Resistant Material

Mergers and acquisitions

Filter media

Air filters

Sales strategy enhancement





Distributor business (product diversity /small lot)

 For building air conditioning (Pre-filter, medium-high performance filter)
 Direct sales (high cleanliness HAPA/ULPA)
 NanoWHELP®









In FY2023, focusing on improving earning power of core businesses, implementing ESG management, and strengthening management foundation

Announcement of full-year financial results for the fiscal year ending March 31, 2024 in mid-May 2024

Planning to announce new Medium-term Management Plan



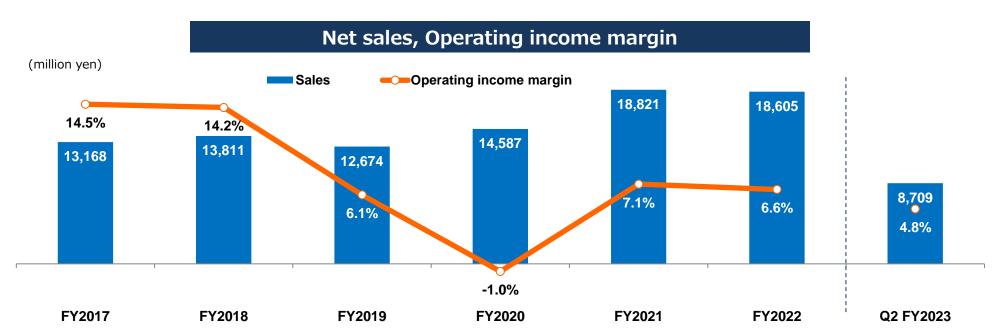


YAMASHIN Group purchases glass fibers and non-woven fabrics, which are the main materials to manufacture filter media (the key parts of filters). Our Group also purchases metal processed products and resin processed products used in filter components to manufacture construction machinery filters, industrial filters, process filters and air filters. From May 2020, we started to sell filter masks and mask inner sheets made from our proprietary synthetic polymer nanofibers.

Field	Products	Product Image	Composition ratio (Forecast of FY2023)	
Construction Machinery Filters	Filters used for filtering hydraulic oil in hydraulic circuits, diesel oil for fuel, and lubricating oil for engine drive, which are indispensable for driving construction machinery. Applications: Various types of construction equipment			
Healthcare	Highly performance masks and replacement inner sheets that utilize the characteristics of synthetic polymer-based nanofibers, such as high filtration performance, excellent sealing performance, and high air permeability. Applications: For general consumers in Japan and around the world	Section of the sectio		
Industrial Filters	Filters used for filtration of hydraulic oil and lubricating oil in hydraulic units applied in various industries. Applications: Machine tools, refrigeration compressors, agricultural machinery, ships, railway vehicles, aircraft, and helicopters			
Process line Filters	Filters required for filtration and separation in the manufacturing process of customer products Applications: Electronic components, precision components, liquid crystal displays and food industries, etc.			
Air filters	Coarse dust removal air filters, medium- to high-performance air filters Applications: Dust removal, deodorization, etc. for general buildings, hotels, various factories, etc.			







Sales breakdown by product category

Q2 FY2022 Air filters Process 13.9% 4.8% Industrial 4.2% Line parts 30.3% Supply parts 46.8%



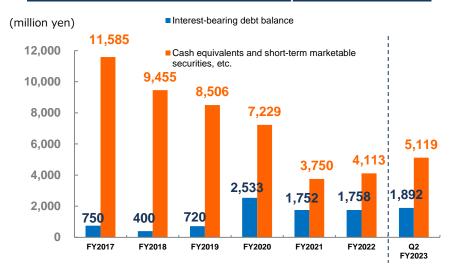
Sales breakdown by region

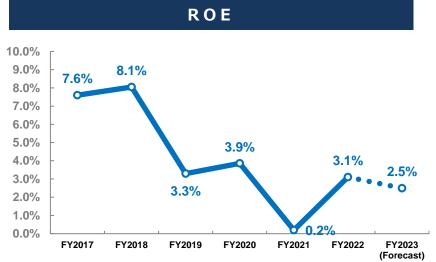




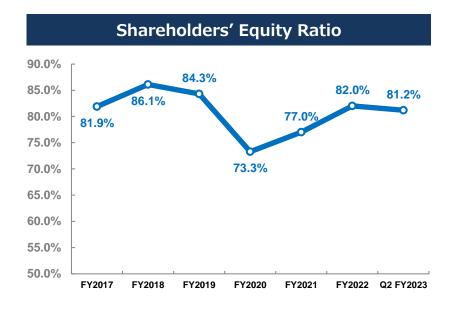


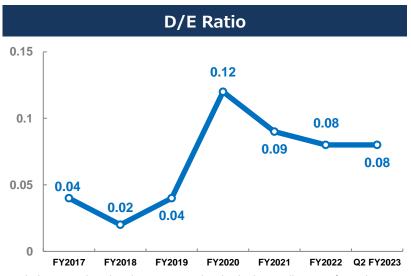
Interest-bearing debt, cash equivalents short-term investment securities, etc.





 Calculations are based on the assumption that the third-party allotment of new shares conducted in FY2017 was conducted from prior periods.

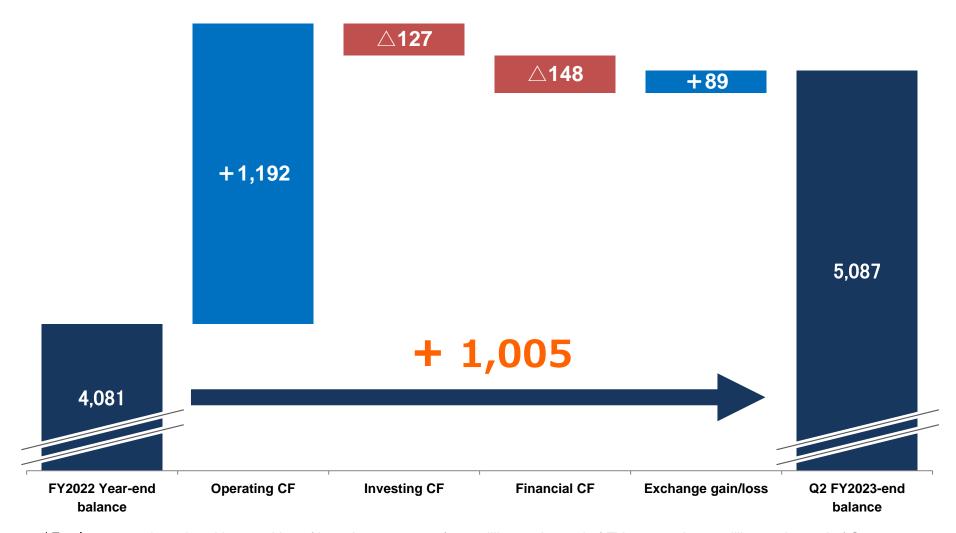




 Calculations are based on the assumption that the third-party allotment of new shares conducted in FY2017 was conducted from prior periods.



(million yen)



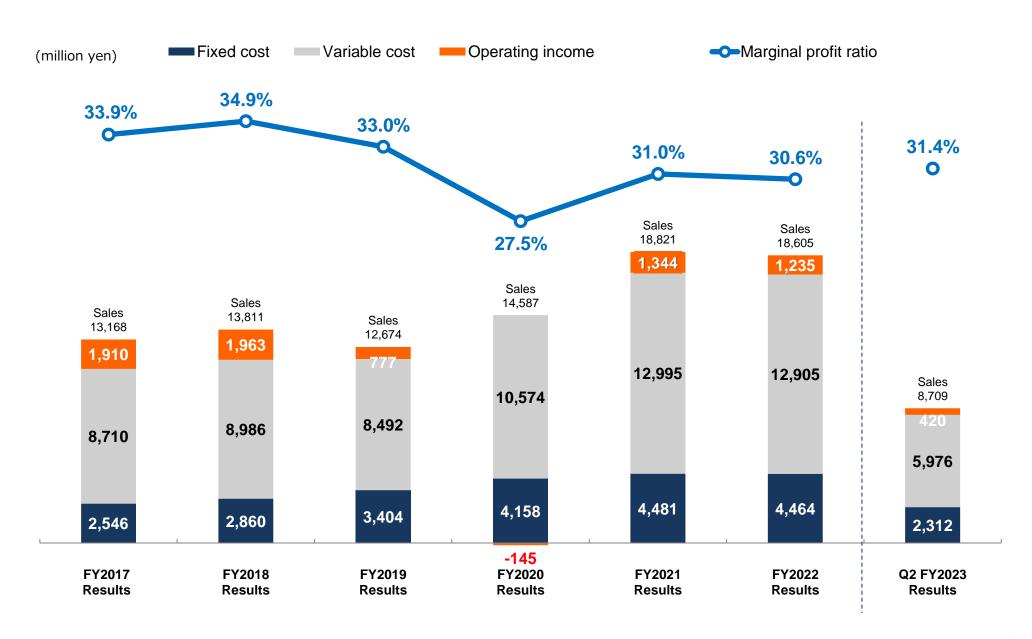
^{*}For long-term deposits with maturities of less than one year (¥32 million at the end of FY2022 and ¥32 million at the end of Q2 FY2023), cash and cash equivalents are not included in the ending balance of cash and cash equivalents.



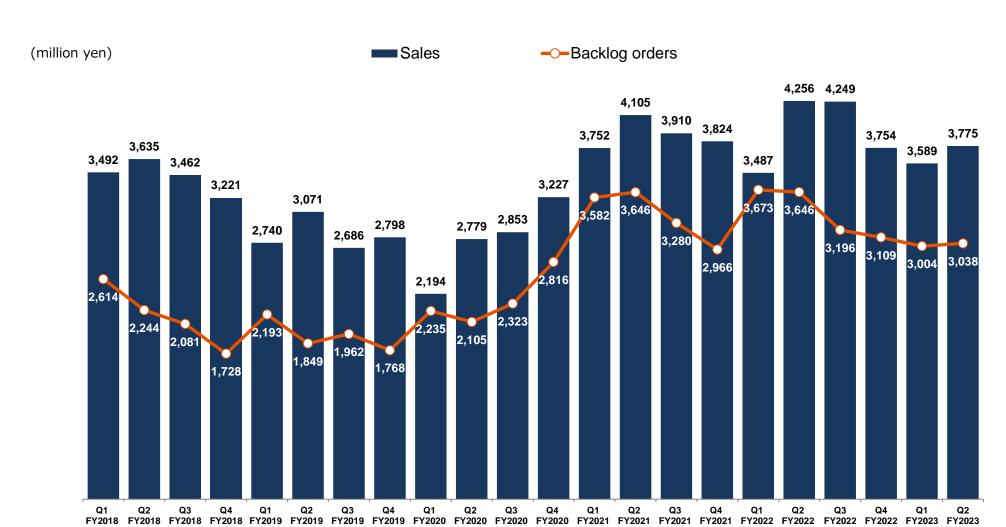
(million yen)

	Incoming		Outgoing Ne		Net	Average	In case of yen appreciation(10%)		In case of yen depreciation (10%)			
Currency	Amount by currency	Composi -tion ratio	Amount by currency	Composi -tion ratio	Amount by currency	rate during the term (JPY)	If yen is appreciated ▲10% (JPY)	Difference	Affected amount (YTD)	If yen is depreciated +10% (JPY)	Difference	Affected amount (YTD)
JPY	¥7,800	60%	¥6,300	53%	¥1,500	-	-	-	-	-	-	-
USD	\$31.7	34%	\$32.8	38%	\$-1.1	¥141.0	¥126.90	¥-14.10	¥15.51	¥155.10	¥14.10	¥-15.51
EUR	€4.2	5%	€2.3	3%	€1.9	¥153.4	¥138.05	¥-15.34	¥-29.14	¥168.73	¥15.34	¥29.14
PHP	PP1.4	0%	PP209.2	4%	PP-207.8	¥2.5	¥2.28	¥-0.25	¥52.57	¥2.78	¥0.25	¥-52.57
ТНВ	в41.0	1%	в 17. 5	1%	в 23.50	¥4.1	¥3.65	¥-0.41	¥-9.52	¥4.46	¥0.41	¥9.52
VND	0.0 ₫	0%	254.3 <u>đ</u>	1%	-254.30 <u>đ</u>	¥0.6	¥0.54	¥-0.06	¥15.12	¥0.65	¥0.06	¥-15.12
Total	-	100%	-	100%	-	-	-	-	¥44.54	-	-	¥-44.54









^{*}Sales do not include healthcare sales.



The forward-looking statements in this document, including the forecast of results of operations, are based on information currently available to YAMASHIN.

Actual results may differ from these forecasts due to a variety of factors, including market trends and business conditions.

For inquiries regarding these materials, please contact our Public Relations & Investor Relations manager

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