

TSE Prime Market

6240

Construction Machinery Filter Demand Remains Strong No changes to the disclosed budget!

YAMASHIN-FILTER CORP. Financial Results for the First Quarter of the Fiscal Year Ended March 31, 2023

August 3, 2022



Market Environment

Construction machinery filter business

Market

Japan) (North America

Europe

Asia

China

Slower

Construction machinery operating time and

demand for new vehicles is high

Logistics costs and raw material prices

Currency exchange

Soaring

Yen depreciation

Air filter business

⇒ Replacement demand in areas such as office buildings is on a recovery trend, and based on the Post-COVID-19 era and environmental issues such as climate change; presenting opportunities to expand our business

Company Actions for FY2022

Construction machinery filter business

- ◆ Promoting the expansion of high-value-added filter product lineup that leverage new materials and IoT technologies
- ◆ Increasing market share in the North American and Chinese markets
- **♦** Promoting price adjustments
- ◆ Strengthening the value chain and restructuring the supply chain

Air filter business

Expansion of nanofiber air filter supply and market share

Other business portfolio

Expansion of market area into industrial materials

Business Results for Q1 FY2022

Consolidated sales: 4, 169 million yen

YoY: 11.0 % decrease

Consolidated operating income: 9 4 million yen Yoy: 72.4% decrease

Significant decrease in revenue and income due to the lockdown in China, rising ocean freight and raw material costs, and the sharp yen depreciation

Construction machinery filter	YoY 5.8% decrease 3,532 million yen	While construction equipment uptime and demand for new vehicles remained strong, lockdowns in the Chinese market had a major impact.				
Air filter	YoY 0.2% decrease 636 million yen	Demand for filters for building air-conditioning systems is recovering in line with the recovery in economic activity, and is on a par with the previous year.				
*Healthcare	It is included in the product lineup of the construction machinery filter business from the fiscal year ending March 31, 2023, to reflect the cimpact on YAMASHIN's performance (295 million yen in Q1 FY2021).					



Market Environment and Our Actions for FY2022

Further strengthening of sales capacity

Construction machinery filter business:

Promoting business by leveraging a solid business environment

- YAMASHIN has expanded its high value-added filter product lineup by utilizing new materials and IoT technology.
- We started promoting filter sales of YAMASHIN Nano Filter[®] materials from April 2022.
- We are applying our construction machinery filter technology to other fields.
- Air filter business:

We will capture new market share by NanoWHELP®.

 Balancing SDG initiatives and business portfolio expansion

We have expanded the market area of YAMASHIN Nano Filter® to industrial

Profit improvement initiatives

Construction machinery filter business:

Promoting price adjustments

 Adjusting prices as a way to combat rising raw material and distribution costs

Restructuring and strengthening the value chain

- ◆ To stabilize procurement of key raw materials.
- We are reviewing our supply chain and reducing logistics costs through the operation of YVC (Vietnam Plant).

Exchange rate fluctuations measures

- We are strengthening operational hedge-marry and netting measures and actively using derivatives transactions to reduce the impact on business performance.
- Air filter business:

We are improving profitability through increased productivity.

Executive Summary 3



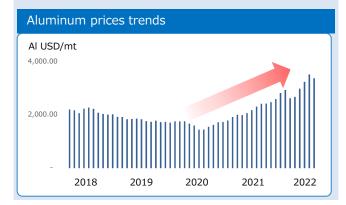
Our Three Business Challenges and Improvement of Earning Power

- Operating income is under pressure due to material price hikes, exchange rate fluctuations, and logistics costs.
- We implemented measures to curb losses as much as possible in order to improve earning power.

Soaring material prices

Current conditions:

Prices of materials such as aluminum and steel, which account for 60% of raw materials, soared to double the previous year's level.



Yen depreciation

Current conditions:

Negative impact on operating income due to rapid yen depreciation

Reference data

 Depreciation by 1 yen reduces operating income by approximately 5 million yen

Increase in logistics costs

Current conditions:

Ocean freight costs more than tripled from the previous vear

Container unit price is approximately 5 times higher than

the previous vear

North America Outbound West, Monthly Freight Index Trends



Taken from materials prepared by the Planning and Research Department, Japan Maritime Center

Price adjustments & Stabilize procurement of key raw materials

Adjusting prices, stabilizing procurement prices through implementing derivative transactions

Review of payment currencies

Strengthening of operational hedge-marry and netting measures, mainly with suppliers.

Reducing the negative impact on operating income through the implementation of forward exchange contracts

Price adjustments & Strengthening of supply chain

Adjusting prices and reviewing supply chain and reduced logistics costs by operating YVC (Vietnam Plant).



Business Performance Results for Q1 FY2022 and Full-P5 Year Forecasts for FY2022 (Ending March 31, 2023) **Market Conditions Future Strategies** P35





Business Performance Results for Q1 FY2022(April to June 2022)

Q1 FY2022 Financial Results (2022 April to June)



/ ····			Q1 FY2021 Results	Q1 FY2022 Results	Diffe	rence
(million yen)	(million yen)		Amount	Amount	Amount	%
Net sales			4,685	4,169	△515	△11.0%
	Construction ma	ichinery filters,	3,752	3,532	△219	△5.8%
A	ir filters		637	636	0	△0.2%
Н	lealthcare*2		295	-	△295	△100.0%
Operating income	(segment inco	me)	341	94	△247	△72.4%
	Construction ma	chinery filters,	479	93	△386	△80.6%
A	air filters		△26	0	27	_
Н	lealthcare*2		△111	-	111	_
Operating income	margin		7.3%	2.3%	△5.0Pt	
Ordinary profi	it		334	57	△277	△82.8%
Ordinary profit ma	argin		7.1%	1.4%	△5.8Pt	
Net income	Net income		208	12	△195	△94.1%
Net income margin	Net income margin		4.4%	0.3%	△4.1Pt	
Eychange rate	USD Exchange rates (ave.)		109.5	129.6	20.0	18.3%
LACTIONISE FOLE	es (ave.)	EUR	132.0	138.1	6.1	4.7%

^{*1 &}quot;Construction machinery filters" includes industrial filters and process filters, in addition to construction machinery filters.

^{*2} The healthcare business is included in the product lineup of the construction machinery filter business from the fiscal year ending March 31, 2023, to reflect the degree of impact on YAMASHIN's performance.

^{*}With the goal of more accurately representing segment results and corporate expenses, general and administrative expenses and other expenses of the administrative divisions of the head office and subsidiaries are separately listed.

Sales Forecast by Product Category (2022 April to June)



(million yen)		Q1 FY2021 Results	Q1 FY2022 Results	Difference			
		Amount	Amount	Amount	%		
Construction machiner	y filters	3,435	3,136	△298	△8.7%		
	Line parts	1,488	1,299	△189	△12.7%		
	Service parts	1,946	1,837	△108	△5.6%		
Industrial filters		129	185	55	43.3%		
Process filters		188	211	23	12.2%		
Sub	total	3,752	3,532	△219	△5.8%		
Air filters		637	636	0	△0.2%		
Healthcare*1		295	_	△295	△100.0%		
То	tal	4,685	4,169	△515	△11.0%		

^{*1} The healthcare business is included in the product lineup of the construction machinery filter business from the fiscal year ending March 31, 2023, to reflect the degree of impact on YAMASHIN's performance.

Sales Forecast by Region (2022 April to June)



		Q1 FY2021 R	esults	Q1 FY2022	Results	Difference		
	(million yen)	Amount	Composition Ratio (%)	Amount	Composition Ratio (%)	Amount	%	
	nstruction machinery ers, etc. *1	3,752	80.1%	3,532	84.7%	△219	△5.8%	
	Japan	1,729	36.9%	1,840	44.1%	111	6.4%	
	North America	686	14.7%	660	15.8%	△26	△3.9%	
	China	564	12.1%	268	6.4%	△295	△52.4%	
	Other Asian countries	365	7.8%	334	8.0%	△30	△8.3%	
	Europe	405	8.6%	426	10.2%	21	5.3%	
	Others (Middle East, etc.)	1	0.0%	2	0.0%	0	75.3%	
Aiı	filters (Japan)	637	13.6%	636	15.3%	0	△0.2%	
He	althcare ^{*2} (Japan)	295	6.3%	0	0.0%	△295	△100.0%	
	Total sales*	4,685	100.0%	4,169	100.0%	△515	△11.0%	

^{*1 &}quot;Construction machinery filters" includes industrial filters and process filters, in addition to construction machinery filters.

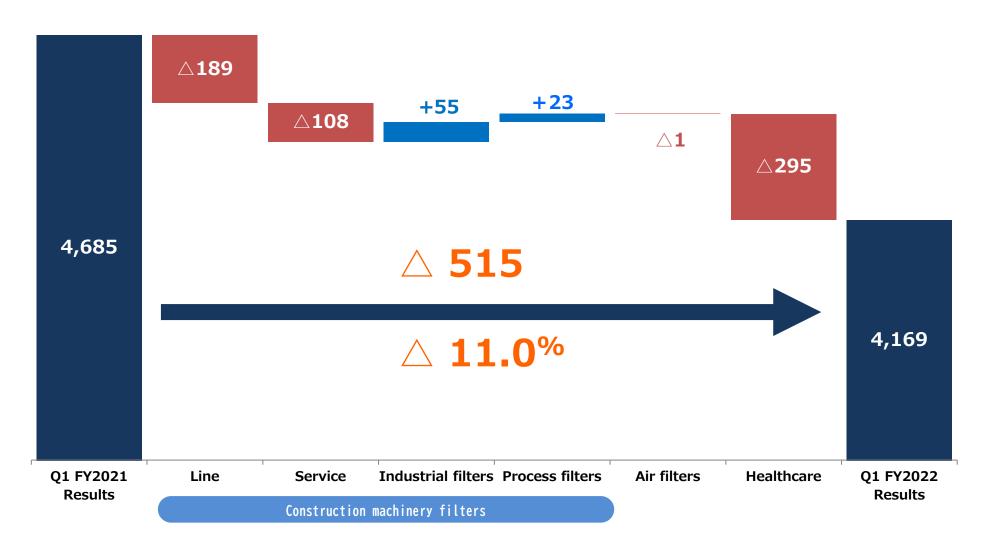
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^{*} Sales by region here are calculated based on the locations of corporations to which invoices are sent. Actual regional market trends may be different from the numbers shown above.

Changes in Sales (2022 April to June)

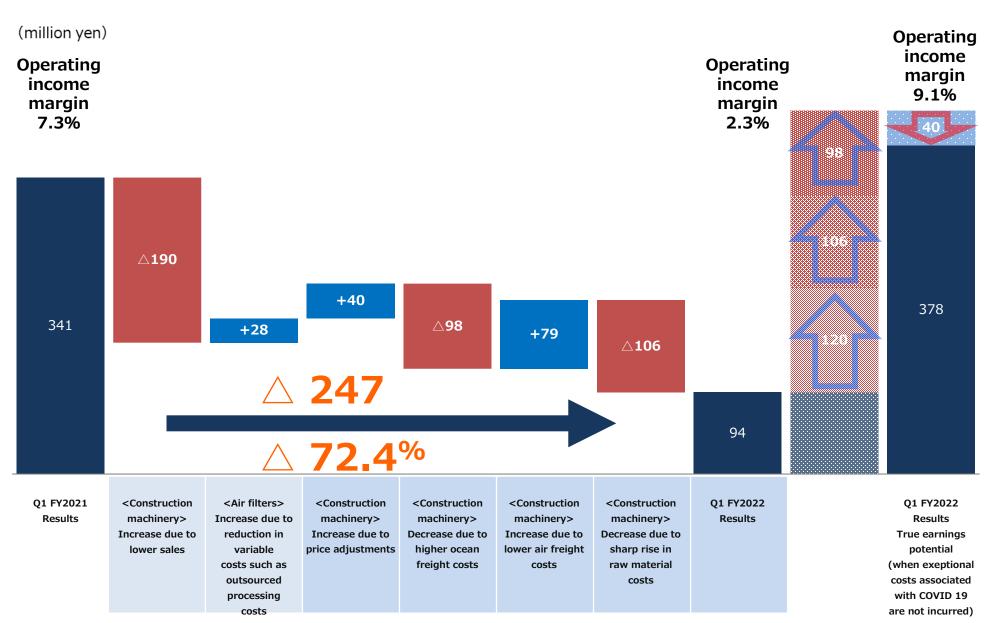


(million yen)



Changes in Operating Income (2022 April to June)



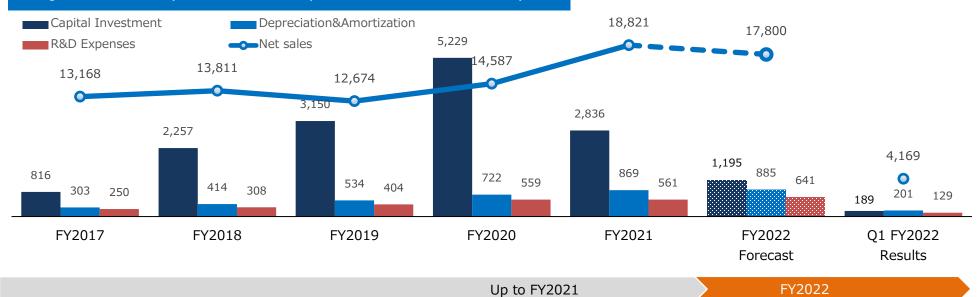


Capital Investment, Depreciation & Amortization, and R&D Expenses



(million yen)	FY2017 Results	FY2018 Results	FY2019 Results	FY2020 Results	FY2021 Results	FY2022 Forecast	FY2022 Q1 Results
Net sales	13,168	13,811	12,674	14,587	18,821	17,800	4,169
Capital investment	816	2,257	3,150	5,229	2,836	1,195	189
Land and building	_	1,588	2,682	3,194	1,488	124	33
Facilities and others	816	669	468	2,036	1,347	1,070	156
Expense to sales ratio	6.2%	16.3%	24.9%	35.9%	15.1%	6.7%	4.6%
Depreciation and amortization	303	414	534	722	869	885	201
Expense to sales ratio	2.3%	3.0%	4.2%	5.0%	4.6%	5.0%	4.8%
R&D expenses	250	308	404	559	561	613	129
Expense to sales ratio	1.9%	2.2%	3.2%	3.8%	3.0%	3.4%	3.1%

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





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

PAC22



romptly



ctivated



ost reduction

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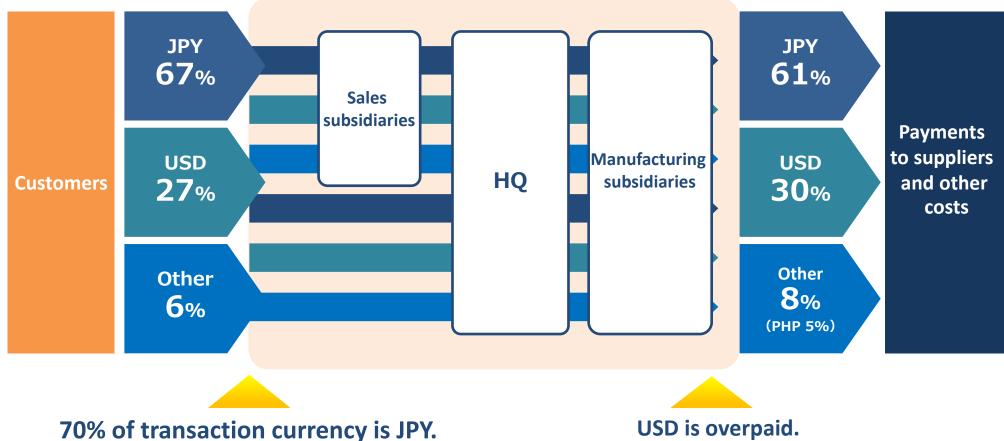
22

Reduction Targets and Results

		ai gets ai	ia itesai						
(million ye	en)	Q1 Target	Q1 Results	Q2 Target	Q3 Target	Q4 Target	Full-year Target		
D.4.622	Mfg. Costs	36	25	51	48	46	183		
PAC22	SG & A	23	23	23	24	8	80	80	
Т	otal	60	58	75	72	54	263		
(million ye	Q1 Ta	arget 7%		24				183	Full-year Progress 22.3%
36		51		48		46			33
Q1 Targ				Q3 Targ		Q4 Targe	et	Full-year Target	Full-year Results



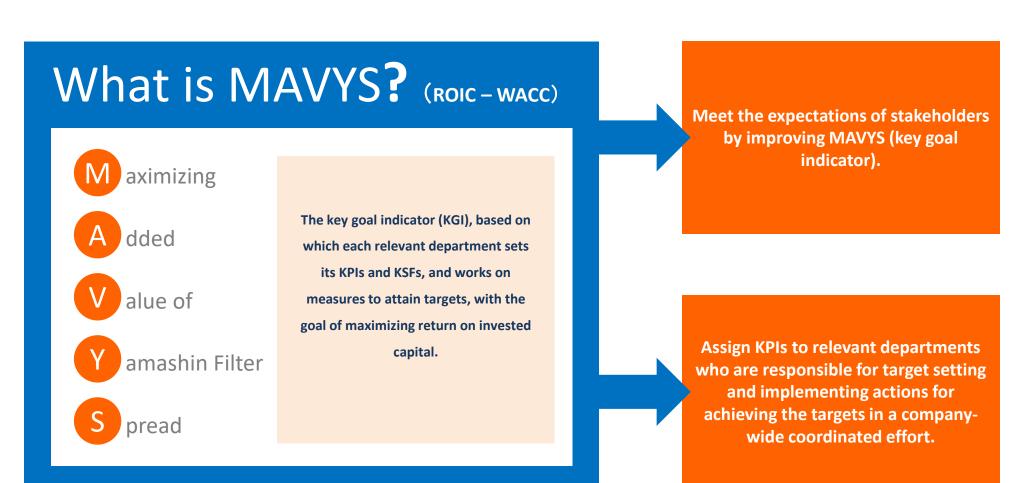
Negative impact on operating income of approximately 120 million yen due to rapid yen depreciation.



- 1-yen depreciation of the yen would decrease operating income by approximately 5 million yen.
- Strengthening exchange rate by reviewing settlement currency, reducing the negative impact on operating income through forward exchange contracts, etc.

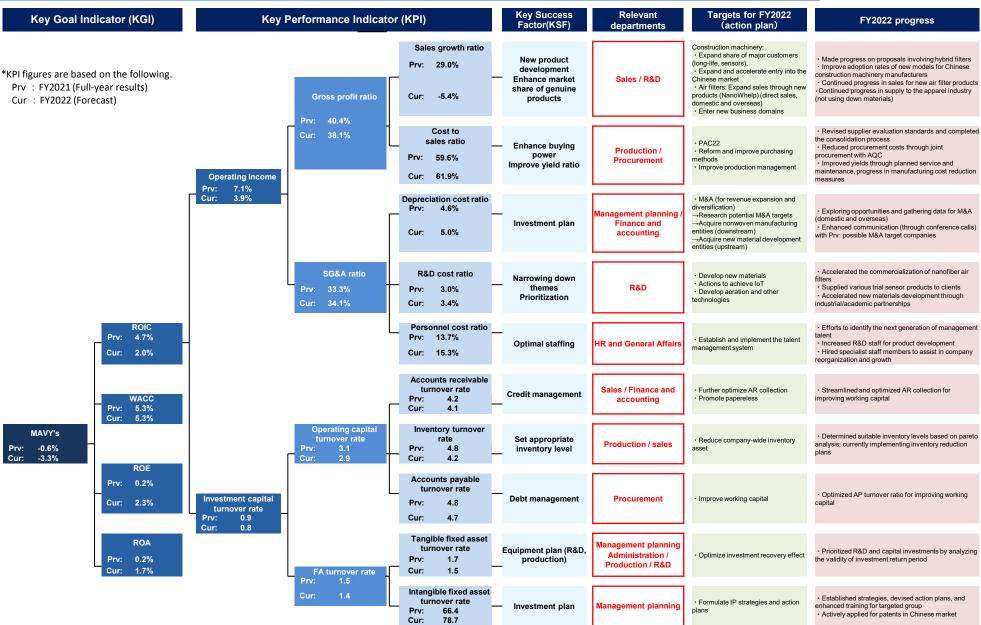


Target figures are set at each department (administrative and other operation departments) to achieve the overall company target for MAVYS.



MAVYS: The Big Picture and the Department (FY2022)







Full-year Forecasts for FY2022 (Ending March 31, 2023)

Preconditions for FY2022 Full-Year Forecasts



Construction machinery filters

- While new vehicle sales volume is expected to be lower than the previous year due to the slowing down Chinese market, demand in the construction machinery market in Japan, North America, Europe, and Asian markets is expected to remain strong.
- Policy to implement price adjustments due to the outlook for logistics costs and material prices hikes remains uncertain.
- YAMASHIN will strive to improve profitability by constructing a stable production and supply system through supply chain reviews and production site transfers, as well as by stabilizing foreign exchange rates and raw material procurement.

Air filters

- YAMASHIN will recover replacement demand for existing products and develop nanofiber air filters and other highvalue-added products for use in office buildings, factories, railroad cars, and other applications.
- Improving profitability by increasing production efficiency and cutting costs thoroughly.

Healthcare:

Establish a structure that will enable us to secure operating income despite anticipated decline in sales volume in the household mask market



Since the impact on consolidated earnings is extremely small,

YAMASHIN will disclose the information for the fiscal year ending

March 31, 2023 by including it in the product lineup of

the construction machinery filter business.

FY2022 Full-year Forecasts



(million y	(million yen)		FY 2021 Results	FY 2022 Forecast	Difference
		Amount	Amount	Amount	Amount
Net sales		14,587	18,821	17,800	△1,021
	Construction machinery filters,	etc.* 10,970	15,592	15,000	△592
	Air filters	2,607	2,577	2,800	222
	Healthcare	1,009	651	-	△651
Operating income		△145	1,344	700	△644
	Construction machinery filters,	etc.* 22	1,797	660	△1,137
	Air filters	△18	△123	40	163
	Healthcare	△150	△329	-	329
Operating income m	argin	△1.0%	7.1%	3.9%	△3.2Pt
Ordinary profit		△135	1,317	650	△667
Ordinary profit marg	țin	△0.9%	7.0%	3.7%	△3.3Pt
Net income		750	47	458	410
Net income margin		5.1%	0.3%	2.6%	2.3Pt
Exchange rate (JPY)	USD USD		112.4	122.0	8.6%
Exchange rate (31 1)	EUI	123.7	130.6	137.0	4.9%

^{*&}quot;Construction machinery filters" includes industrial filters and process filters, in addition to construction machinery filters.

^{*}The healthcare business is included in the product lineup of the construction machinery filter business from the fiscal year ending March 31, 2023, to reflect the degree of impact on YAMASHIN's performance.

^{*}With respect to operating income for the fiscal years ending March 31, 2021 and 2022, general and administrative expenses and other expenses of the administrative divisions of the head office and subsidiaries, which were separately listed as corporate expenses, are included in the operating income of each segment.

Sales Forecast by Product Category



		FY2020 I	Results	FY2021	FY2021 Results		Forecast	Difference	
(millio	n yen)	Amount	Composition Ratio (%)	Amount	Composition Ratio (%)	Amount	Composition Ratio (%)	Amount	%
Construction filters	machinery	9,713	66.6%	14,169	75.3%	13,273	74.6%	△896	△6.3%
	Line parts	4,178	28.6%	5,633	29.9%	5,733	32.2%	100	1.8%
	Service parts	5,534	37.9%	8,536	45.4%	7,539	42.4%	△996	△11.7%
Industrial filt	ers	470	3.2%	522	2.8%	653	3.7%	130	25.0%
Process filter	S	786	5.4%	900	4.8%	1,072	6.0%	172	19.1%
Sub	total	10,970	75.2%	15,592	82.8%	15,000	84.3%	△592	△3.8%
Air filters		2,607	17.9%	2,577	13.7%	2,800	15.7%	222	8.6%
Healthcare*1	Healthcare*1		6.9%	651	3.5%	-	-	△651	△100.0%
Total		14,587	100.0%	18,821	100.0%	17,800	100.0%	△1,021	△5.4%

^{*1} The healthcare business is included in the product lineup of the construction machinery filter business from the fiscal year ending March 31, 2023, to reflect the degree of impact on YAMASHIN's performance.

Sales Forecast by Region



		FY2020	Results	FY2021	Results	FY2022	Forecast	Differ	ence
	(million yen)	Amount	Composition Ratio (%)	Amount	Composition Ratio (%)	Amount	Composition Ratio (%)	Amount	%
	onstruction machinery ters, etc. *1	10,970	75.2%	15,592	82.8%	15,000	84.3%	△592	△3.8%
	Japan	5,019	34.4%	7,294	38.8%	7,079	39.8%	△215	△3.0%
	North America	1,915	13.1%	2,939	15.6%	3,135	17.6%	196	6.7%
	China	1,552	10.6%	1,711	9.1%	1,507	8.5%	△204	△11.9%
	Other Asian countries	1,235	8.5%	1,889	10.0%	1,902	10.7%	12	0.6%
	Europe	1,243	8.5%	1,755	9.3%	1,371	7.7%	△384	△21.9%
	Others (Middle East, etc.)	3	0.0%	2	0.0%	5	0.0%	2	122.3%
Ai	r filters (Japan) *2	2,607	17.9%	2,577	13.7%	2,800	15.2%	222	8.6%
Н	ealthcare (Japan)	1,009	6.9%	651	3.5%	_	_	△651	△100.0%
	Total sales*	14,587	100.0%	18,821	100.0%	17,800	100.0%	△1,021	△5.4%

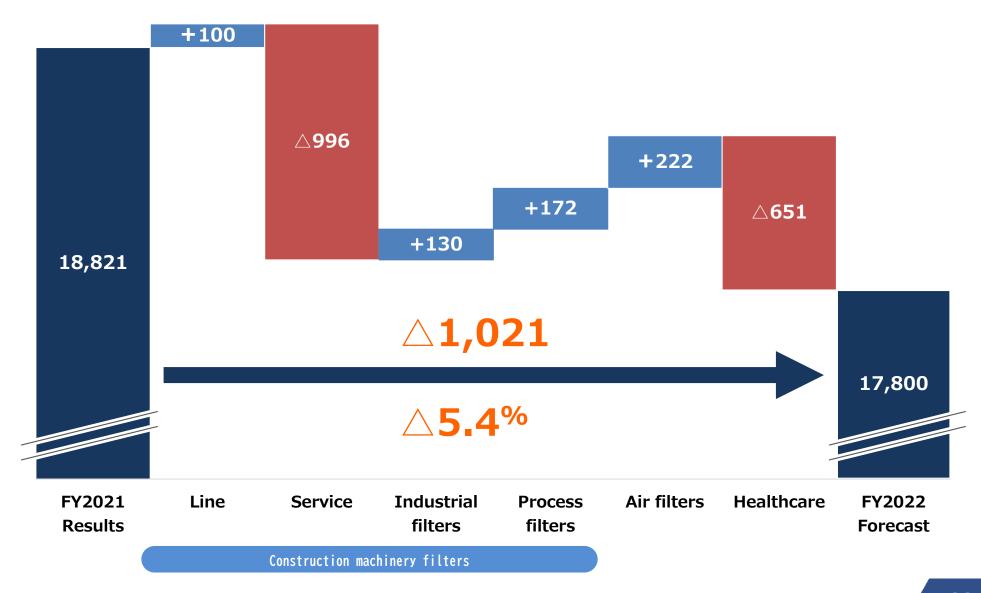
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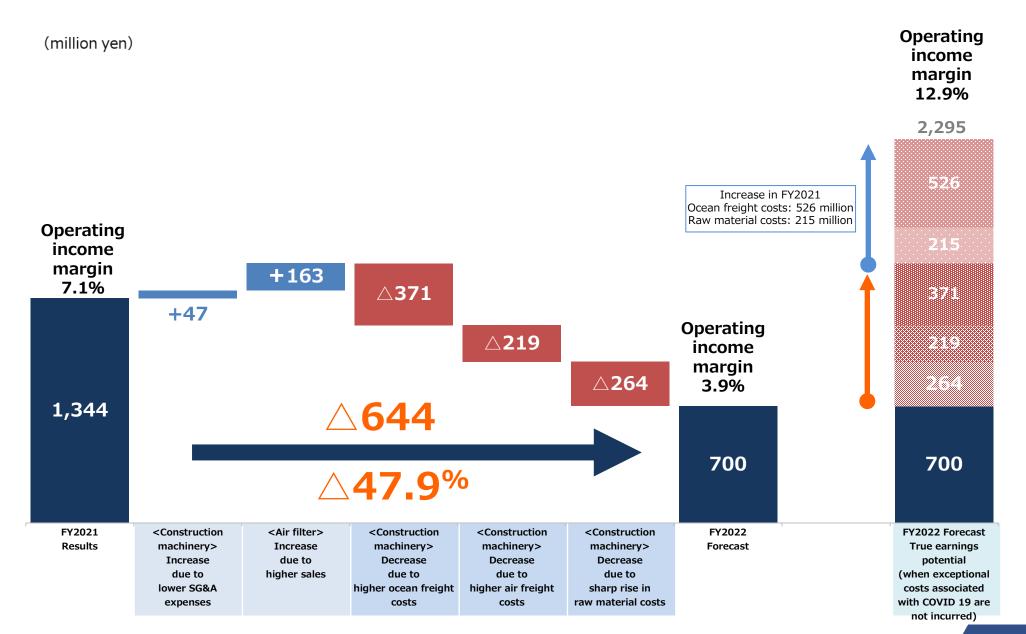


(million yen)



FY2022 Forecasts: Changes in Operating Income







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.

	FY2019	FY2020	FY2021	FY2022 Forecast
Dividend per share	¥6.0	¥ 6.0	¥ 6.0	¥ 6.0
DOE*1	2.3%	2.2%	2.1%	2.1%
Total return ratio*2	72.3%	59.3%	960.4%	97.7%

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

^{*2} Total return ratio = (Total dividend + Treasury stock acquired + Shareholder benefit) ÷ Net income





Conditions in the Construction Machinery Market

External conditions impacting the construction machinery market



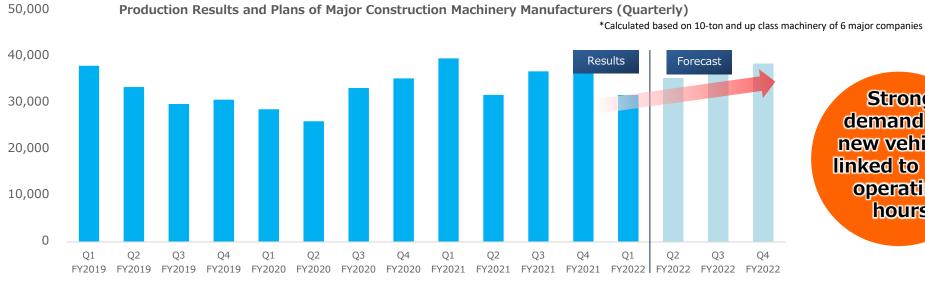
- There is strong demand for new vehicles with high level of operating hours, including North American and Southeast Asian markets.
- There is uncertainty in Chinese and European markets due to the Shanghai lockdown and Russia-Ukraine situation.
- Supply issues still exist for semiconductors and other components, but the market is strong.

	Q4 FY2021	Q1 FY2022	Future outlook
Japan	The operating hours of construction machinery and demand for new vehicles remain high. Ocean freight costs and prices of key raw materials have risen.	The operating hours of construction machinery and demand for new vehicles remain high. Ocean freight costs and prices of key raw materials have risen.	Demand for construction machinery remains firm. Energy and raw material prices, soaring logistic costs and rapid yen depreciation.
North America	The operating hours of construction machinery and demand for new vehicles remain high. Ocean freight costs and prices of key raw materials have risen.	The operating hours of construction machinery and demand for new vehicles remain high. Ocean freight costs and prices of key raw materials have risen.	The operating hours of construction machiner and demand for new vehicles remain high. The impact of rising ocean freight costs and prices of key raw materials willl continue.
Europe	Demand for construction machinery has grown in both the new and rental markets. Demand for construction machinery remains high. Ocean freight costs and prices of key raw materials has soared.	The operating hours of construction machinery and demand for new vehicles remain high. Ocean freight costs and prices of key raw materials have risen.	Demand outlooks are uncertain due to the escalating situation in Russia and Ukraine. The impact of rising ocean freight costs and prices of key raw materials will continue
Southeast Asia	The recovery from COVID-19 has become clearer, the operating hours of construction machinery remains high.	The recovery from COVID-19 has become clearer, the operating hours of construction machinery remains high.	Demand for construction machinery remains firm mainly in India and Indonesia. The impact of rising ocean freight costs and prices of key raw materials will continue
China	There is a slump mainly due to tighter government restrictions on activities in response to the spread of the Omicron strain.	Sluggish due to lockdowns following spread of COVID-19	New vehicle sales are expected to fall below the previous year's level due to sluggish market conditions

Construction Machinery Market (Global)

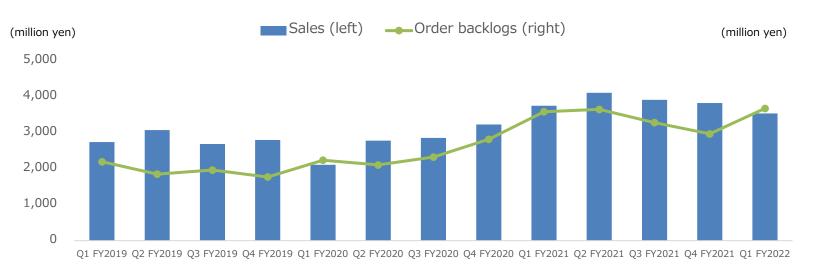


Despite some uncertainties in the market environment, projected production volume and order levels remained steady. (Units)



Strong demand for new vehicles linked to high operating hours

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

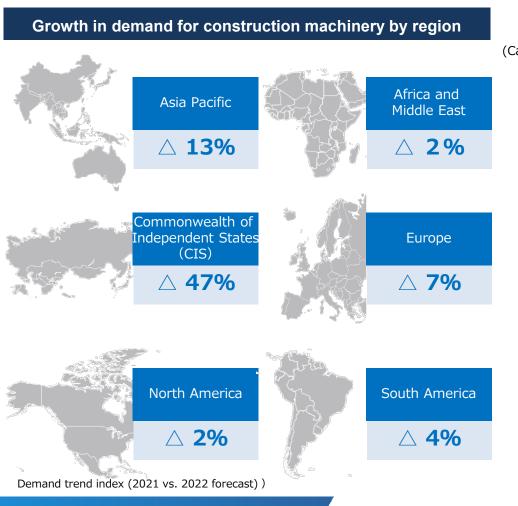


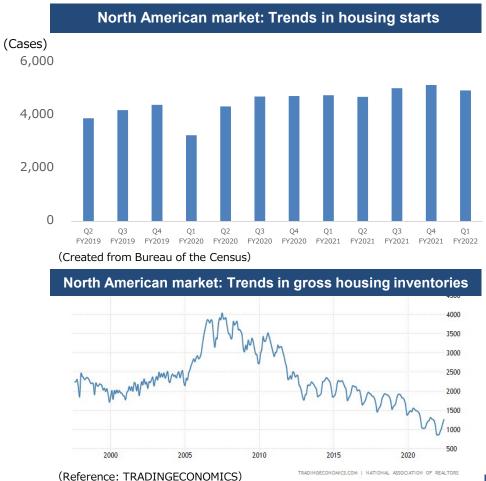
Orders for supply parts are being exhausted, but order backlogs remain high

Construction Machinery Market (Global and North America)



- Demand remains high, although some regions are prominently down year-on-year.
- The issue is whether the supply is sufficient to meet the strong demand.
- Although impact of rate hikes is uncertain, North American housing inventories remain low.

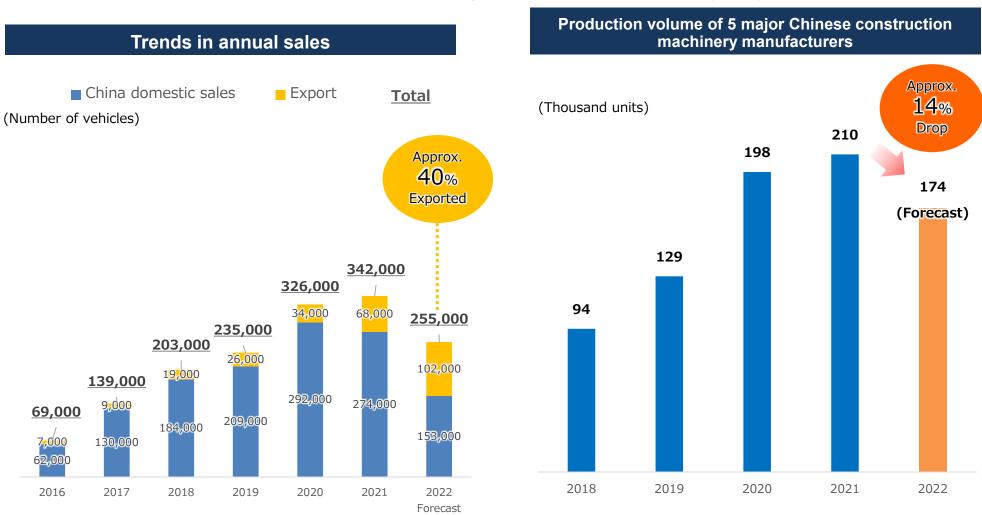




Construction Machinery Market (China)



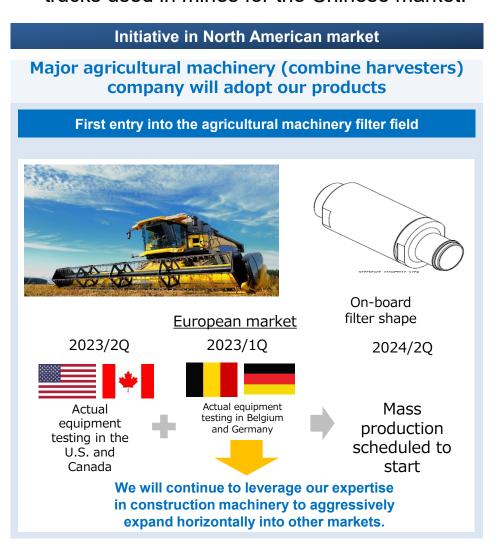
- The strong impact of the Shanghai lockdown is expected to reduce demand by more than 20% in 2022 compared to last year.
- Export share is expected to continue to increase as growth opportunities are being sought in overseas markets.



Topics



- The first agricultural machinery (combine harvester) filter adoption in the North American market.
- We are developing a proposal for a Chinese construction equipment manufacturer for its dump trucks used in mines for the Chinese market



Initiative in Chinese market

Utilizing our track record in hydraulic excavators Launched proposal activities for other machinery

A variety of construction equipment in operation at construction sites





Sales activities targeted at vehicles active in mining sites and urban construction

Vehicle construction machinery









Conditions in the Air Filter Market

Air Filter Business: Market Conditions



- The building is our main market, impact of COVID-19 is limited, and demand is expected to remain unchanged from the previous fiscal year.
- The need to curb maintenance costs is increasing in response to various cost hikes.

		Market envi	vironment			
	Market overview	Market overview Previous period				
Buildings	Air filters for outdoor air intake units and indoor air conditioning systems installed in offices, commercial buildings, etc.	Repeat orders in urban areas are stable, but new projects are sluggish.	Even with the impact of the 7th wave of COVID-19, no impact has been seen yet as building management mainly consists of annual contracts.			
General factories	Air filters for outdoor air intake units and indoor air conditioning systems installed in factories	Activity for major renovations is sluggish but activity is positive for necessary capital investment.	There are no major negative factors but there are concerns about reduced capital investment and supplies purchases due to soaring material costs at production sites.			
Semiconductor factories	Replacement market for chemical filters	Continued strong capital investment.	Capital investment remains favorable. Meanwhile, there are also glimpses of instability, such as business consolidation within the industry.			
Environmental equipment	Air filters for residential air conditioning and air purifiers used in general households	Housing-related sectors continue to be affected by the Wood Shock,but are recovering.	The impact of the Wood Shock has almost vanished. Recovery is underway with an increase in orders in the second half of the 3Q.			
Vehicles	Air filters for air conditioning of railroads, etc. Air filters for protecting construction machinery from dust	Orders for filters for construction machinery are firm. Orders for filters for railroads are as projected.	Sales for railroads are expected to remain unchanged. Filters for construction machinery are expected to increase from last year, although there was a revision of the projection due to order adjustments.			

Initiatives to Grow Sales (Trends in NanoWHELP Sales)



- YAMASHIN has earned a high reputation for filter performance and environmental friendliness.
- We will be highly competitive due to the reliability of the MERV14 standard and the scarcity of acquiring Japanese manufacturers.

New Product NanoWHELP®

The world's first nanofiber air filter

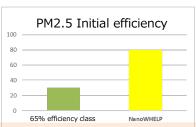




Product Features

- The performance inherent to YAMASHIN NANO FILTER® keeps pressure loss consistently low
- Among medium-to-high performance filters, NanoWHELP® is the only Japan-made filter to achieve MERV 14 certification
- In addition to its high-performance, <u>effectively reduces CO2</u> <u>emissions</u>

96% collection efficiency for PM2.5 Initial effectiveness of at least 80%



Target Markets

Data centers, server rooms, IT-enabled factories, public facilities, medical facilities, etc. Even general buildings due to a growing interest in air quality.

New Introduction

One of the world's largest distribution centers



One of the world's largest, ultra-largescale distribution projects developed by a major integrated distribution company. It boasts an area equivalent to 14 times the size of the Tokyo Dome.

Kawasaki area commercial complex

Renovated as a commercial complex with various tenants in a major renovation starting around 2020.



Shibuya area commercial comp<u>lex</u>

A commercial complex that is the core of the Shibuya Station South Urban Area Redevelopment Project. It consists of a high-rise hotel building and a lowrise specialty store district.



Minatomirai area commercial complex

A commercial facility located in Minatomirai. Mainly large specialty stores with showrooms.





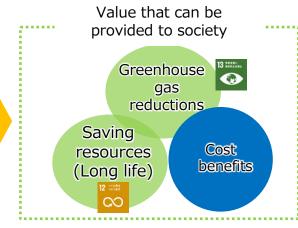
Growth Strategies in Long Life Filters



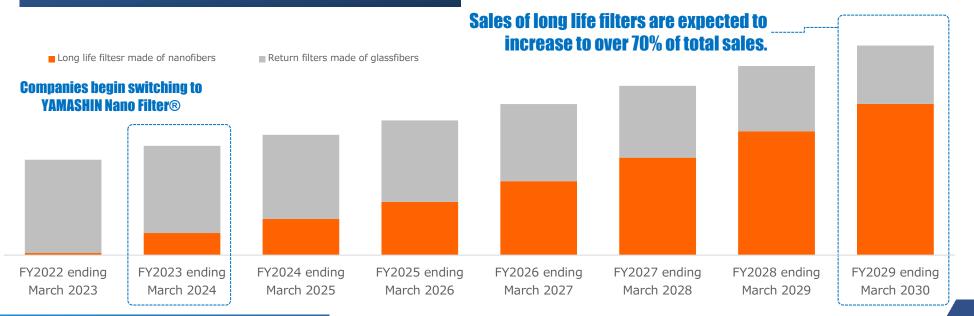
The switchover to YAMASHIN Nano Filter® for construction machinery filters will begin gradually from FY2023, and we are expecting a significant increase in sales.



Sensors measure filter life and hydraulic oil contamination which further increases the value of the filter.



Sales forecast of filters made of nanofiber filters



Optimizing Corporate Value by Strengthening the Value Chain



Improving the value chain

True earnings potential by strengthening the value chain Aiming to achieve an operating margin of 20% over the medium term.

Strengthening measures

business airfare control, fixed cost reduction, and cost

Construction machinery filter

Improvements to profitability through PAC21,

cutting

Reduction of manufacturing costs PAC21 through transfer to YCF production and introduction of SAP (strengthening of cost management system), improvement of profitability through reduction of fixed costs, and reduction of defects

Air filter business

Healthcare business

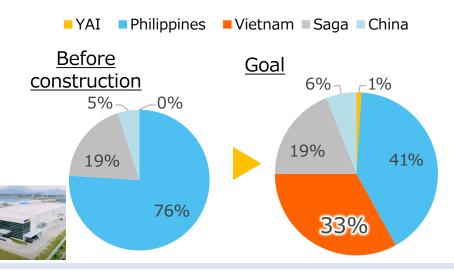
Automation of production lines and reduction of fixed costs by investment in mask production facilities, reduction of production costs, efficient management of sales promotion and advertising expenses, etc.

Strengthening the supply chain Reorganization of production bases (New Saga Plant, New Vietnam Plant, North America Plant), significantly increased production capacity and reduced manufacturing costs

Strengthening the supply chain

Main Topic of supply chain enhancement: **Completion of new plant in Vietnam**

YAMASHIN will hedge risks by shifting from a centralized production system to a multiple production system, and will be able to respond more flexibly to customer requests by increasing the local procurement rate of materials.





Providing Values through Air Filter Business and Medium-term Outlook



 We are aggressively developing environmentally friendly products by leveraging the amazing capabilities of YAMASHIN NANO FILTER®.

Goal of 5 billion yen in sales over the medium term.

Target markets for future development

The highest level of air filter performance standards

Technology master

(Product appeal)

NanoWHELP

World's first air filter made of nano filters





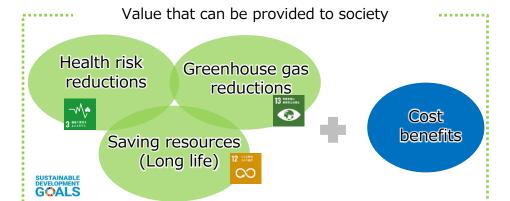
Production capacity

(capabilities)

Strengthening of internal systems

- · SAP
- implementation
- Optimization of workforce
- Optimization of sales network







Goals of achieving sales of 5 billion yen in the medium term



SUSTAINABLE GEALS DEVELOPMENT GEALS

Achieving SDGs through our business activities



ESG and SDGs Management at YAMASHIN Filter



Realizing corporate philosophy: 仕濾過事 (Rokajini tsukafuru) or "Contribute to society through filtration business"

3 Themes of YAMASHIN Initiatives







Solving societal problems through filter design and manufacture



High value-added filters are increasingly being used

Air filters

Producing the world's first nanofober air filter

Aiming to increase product demand through environmental responsiveness using new materials and technologies.

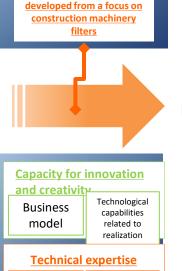
Contributing to the prevention of air pollution through expanding the air filter business



Reduction of resource usage

Reduction in CO₂ emissions

Providing medical welfare for health



Product development in

pursuit of

In-house

development/pro

duction

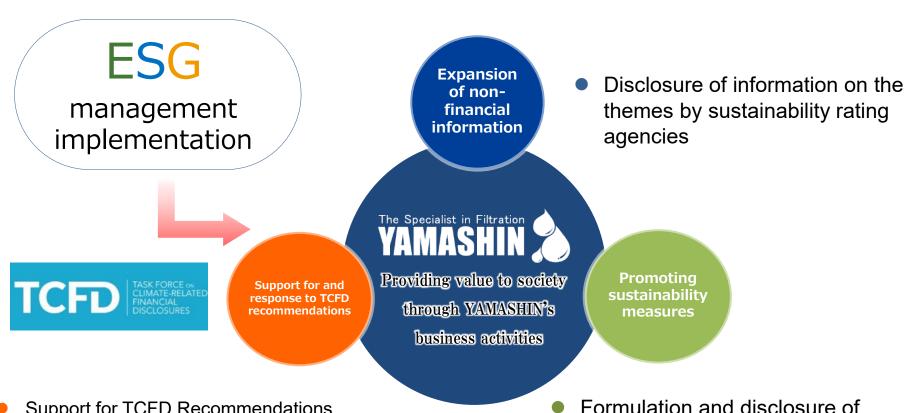
YAMASHIN Nano Filter

Innovative technologies

Promotion of ESG Management



 YAMASHIN will promote group-wide projects and measures to put ESG management into practice.



- Support for TCFD Recommendations
- Disclosure of information on governance, strategies, risk management, indicators and targets associated with the recommendations
- Formulation and disclosure of sustainability policy, materiality, etc.
- Regularly conducting sustainabilityrelated training

Promotion of Sustainability initiatives



 YSS was launched as part of its sustainability initiatives and has identified materiality in response to social issues.

YSS Yamashin Sustainable Solutions (Theme at time of launch) Solving societal issues and creating business opportunities: (Direction) · In order to solve societal issues such as the environment and climate change, we will examine measures to contribute to areas such as the reduction of CO₂ emissions and industrial waste by utilizing YAMASHIN's technologies and products. · Calculation of quantitative KPIs, etc. in the future. [Major products] : Return filters made with nanofiber filter machinery filters Air filters made with nanofiber filter Air filters (NanoWHELP®) Healthcare : Masks made with nanofiber filter

	Identifying materiality									
Environment	Climate change	Contributing to climate change prevention and a decarbonized society We will achieve a business model that contributes to climate change prevention in terms of both products and production in order to achieve the carbon neutrality required throughout the world.								
	Recycling	Reducing environmental impact and contributing to a recycling-oriented society through filter technology We will focus on resource recycling to achieve a business model with high economic and environmental efficiency through the value chain.								
Air and	Air quality and health	Reducing health hazards caused by air pollution - Contributing to a safe and secure lifestyle Our filter technology protects people from the health hazards of air pollution and PM. Our filter technology improves indoor air quality.								
health	Infection prevention measures	Preventing infectious diseases - The power of filters contributing to the fight against infectious diseases We are protecting people from infectious diseases through advanced and sophisticated filter technology.								
	Technology innovations	Technical training and application - Pursuit of filter technology demanded by society We are refining our unique technology to create filters that do not exist anywhere else in the world. We are creating new value by applying our original technology.								
People and work	Rewarding work	Rewarding work and active human resources - Contribute to Society through filtration business We provide rewarding work to show appreciation and be appreciated by our customers, colleagues, and family members. We will innovate working styles and promote a diverse workforce.								
	Respecting human rights	Promoting human rights due diligence - Becoming a company trusted by society We respect human rights throughout the value chain and fulfill our responsibilities as a company.								

ESG Project Schedule



- YAMASHIN will strengthen its response to rating agencies etc., and will respond to the CDP Climate Change Questionnaire for the first time.
- We will begin disclosing information in line with the TCFD recommendations in our Sustainability Report 2022.
- We will promote initiatives in line with the recommendations over the next few years.
- We aim to improve the quality of non-financial figures by ensuring the accuracy and comprehensiveness of performance data by a third-party assurance organization.

Category	2022/1Q			2022/2Q			2022/3Q			2022/4Q		
Category	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar
• Response to ESG rating agencies, etc.												
· CDP				>	Deadl	ine: 7/2		os nosos	22HV			
· MSCI · FTSE						Res	sponse a	s neces	Sal y			>
● Sustainability Report 2022 (Japanese*)												
· TCFD response (initial disclosure)												
Third party assurance (Scope 1, 2)												
● Other measures						ل اما	d montl	alv				
· YSS Committee management						не		ii y				>

^{*} English version to be published at the end of December



Construction machinery filters

YCF (Production)

YST (Sales/R&D)

YAI (Sales/production)

YTL (Sales)

YEB (Sales)

YVC (Production)



Accelerating the leap from a specialized manufacturer of construction machinery filters to a

Comprehensive Filter Manufacturer



YAMASHIN Nano Filter® Industrial Materials

Third portfolio

Apparel

Consumables

Renewable energy materials

Everyday supplies







Air filters

(Sales/production)



About Us Overview of Our Filter Products



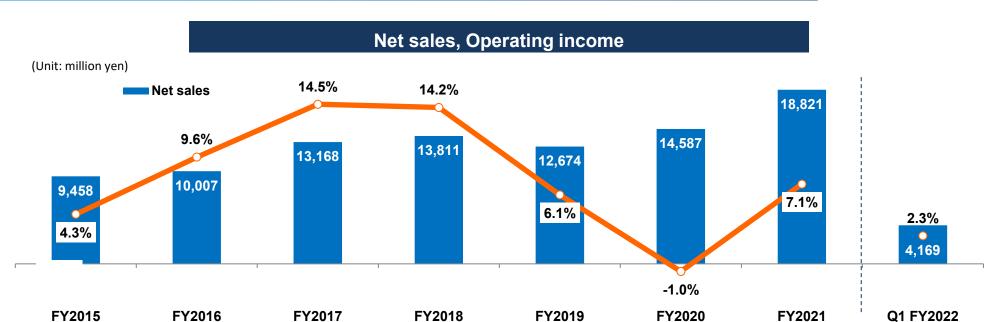
YAMASHIN Group purchases glass fibers and non-woven fabrics, which are the main materials to manufacture filter media (the key parts of filters). Our Group also purchases metal processed products and resin processed products used in filter components to manufacture construction machinery filters, industrial 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 FY2022)
Construction machinery filters	A construction machinery filter is used to filter the fluid running in the hydraulic components of construction machinery, which is the key to the operation of such machinery. Applications: Various types of construction machinery		
Healthcare	High performance masks and replacement inner sheets that feature high filtration performance (one of the characteristics of our nanofiber filtration material), excellent sealing performance, and high air permeability. Applications: For general consumers in Japan and around the world	Company Types Compan	
Industrial filters	An industrial filter is a filter used for filtrating operating fluid and lubricants of hydraulic units applied in various industries other than the construction machinery industry. Applications: machine tools, refrigerating compressors, agricultural machinery, vessels, railway vehicles, airplanes, and helicopters		
Filters for process lines	A process filter is used for filtration and separation in processes for manufacturing customer products Applications: Production lines for electronic parts, precision parts, liquid crystal displays, and food.		
Air filters	Air filters used for dust removal and medium-to-high performance air filters Applications: general buildings, hotels and factories.		

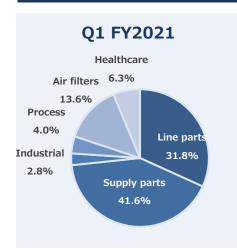


Financial Highlights





Sales breakdown by product category





Sales breakdown by region

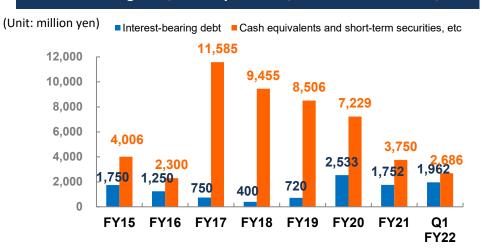


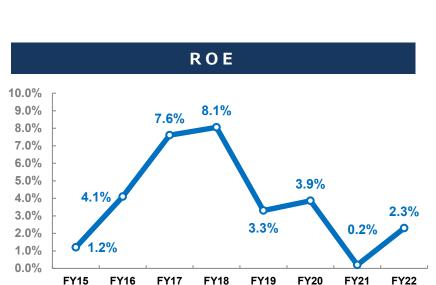


Financial Highlights



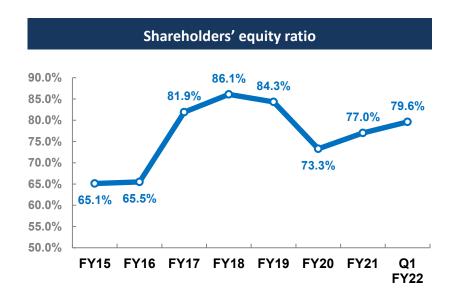
Interest-bearing debt, Cash equivalents, Short-term securities, etc.

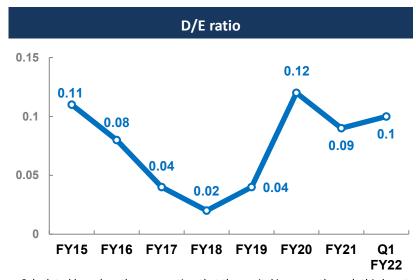




 Calculated based on the assumption that the capital increase through third-party allotment in FY2017 was implemented in FY15.

Forecast





 Calculated based on the assumption that the capital increase through third-party allotment in FY2017 was implemented in FY15.

Balance Sheet



(Unit: million yen)		FY2021	Q1 FY2022	Change (Amount)	Change (%)	
Cı	urrent assets	13,964	13,118	△ 845	△6.1%	
	Cash and deposits	3,750	2,686	△ 1,063	△28.4%	
	Notes and accounts receivable-trade	4,696	4,310	△ 385	△8.2%	
	Merchandise and finished goods, Raw materials and Supplies	4,775	5,308	532	11.2%	
	Other	742	813	71	9.6%	
Fi	xed assets	12,747	12,735	△ 12	△0.1%	
	Tangible fixed assets	11,609	11,671	62	0.5%	
	Intangible fixed assets	236	208	△ 27	△11.8%	
	Investments and other assets	901	855	△ 46	△5.2%	
To	otal assets	26,712	25,854	△ 858	△3.2%	

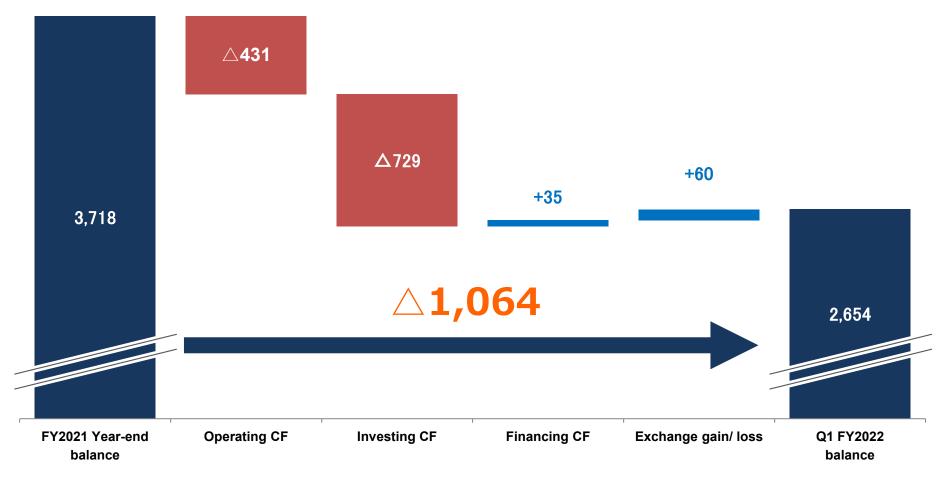
		FY2021	Q1 FY2022	Change (Amount)	Change (%)		
C	urrent liabilities	4,634	3,907	△ 726	△15.7%		
	Notes and accounts payable-trade	2,213	1,943	△ 270	△12.2%		
	Corporate bonds payable within one year and short-term loans payable	403	723	320	79.3%		
	Other	2,016	1,241	△ 775	△38.5%		
Fi	xed liabilities	1,506	1,378	△ 128	△8.5%		
	Corporate bonds and long-term debt	1,126	1,025	△ 100	△9.0%		
	Net defined benefits Liability	232	226	△ 6	△2.8%		
	Other	147	126	△ 21	△14.4%		
To	otal net assets	20,571	20,568	△ 2	0.0%		
	otal of liabilities nd net assets	26,712	25,854	△ 858	△3.2%		
*S	hareholders' equity ra	tio 77.0%	79.6%				

^{*}Shareholders' equity ratio 77.0% 79.6%

Changes in Cash Balance



(Unit: million yen)



^{*}Long-term deposits maturing in less than one year (32 million yen at the end of fiscal year ending March 31, 2022 and 32 million yen in Q1 of fiscal year ending March 31, 2023) are not included in the ending balance of cash and cash equivalents.

Conditions of Operational Hedge – "Marry and Netting" and Foreign Exchange Sensitivity (2022 April to June)

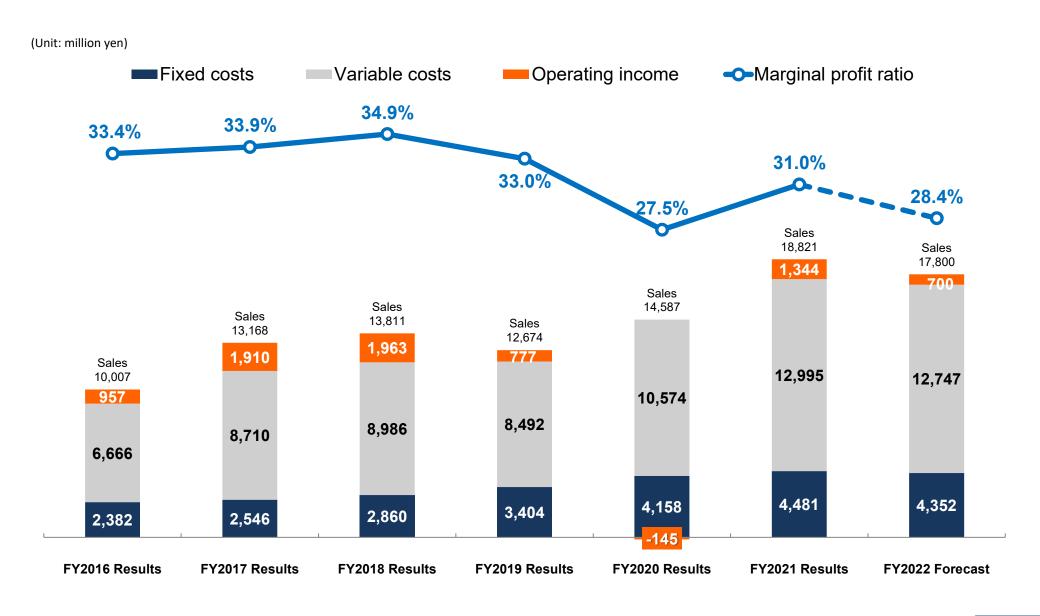


(Unit: million yen)

(Offic. Hillion										,		
	Incoming	coming Outg		Outgoing		Average	In case of y	en appreciatio	n (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)	Differenc e	Affected amount (YTD)
JPY	¥4,900.0	67%	¥5,100.0	61%	△¥200.0	-	-	-	-	-	-	-
USD	\$15.2	27%	\$19.1	30%	△\$3.9	¥129.6	¥116.62	△¥12.96	¥50.54	¥142.54	¥12.96	△¥50.54
EUR	€ 2.0	4%	€ 1.4	2%	€ 0.6	¥138.1	¥124.31	△¥13.8	△¥8.29	¥151.93	¥13.81	¥8.29
PHP	PP0.0	0%	PP166.0	5%	△PP166.0	¥2.5	¥2.21	△¥0.2	¥40.84	¥2.71	¥0.25	△¥40.84
ТНВ	₿33.50	2%	₿7.80	0%	₿25.70	¥3.8	¥3.39	△¥0.4	△¥9.69	¥4.15	¥0.38	¥9.69
VND	₿0.00	0%	₿202.60	1%	△ 8202.60	¥0.6	¥0.50	△¥0.1	¥11.35	¥0.62	¥0.06	△¥11.35
Total	-	100%	-	100%	-	-	-	-	¥84.75	-	-	△¥84.75

Variation in Marginal Profit Ratio

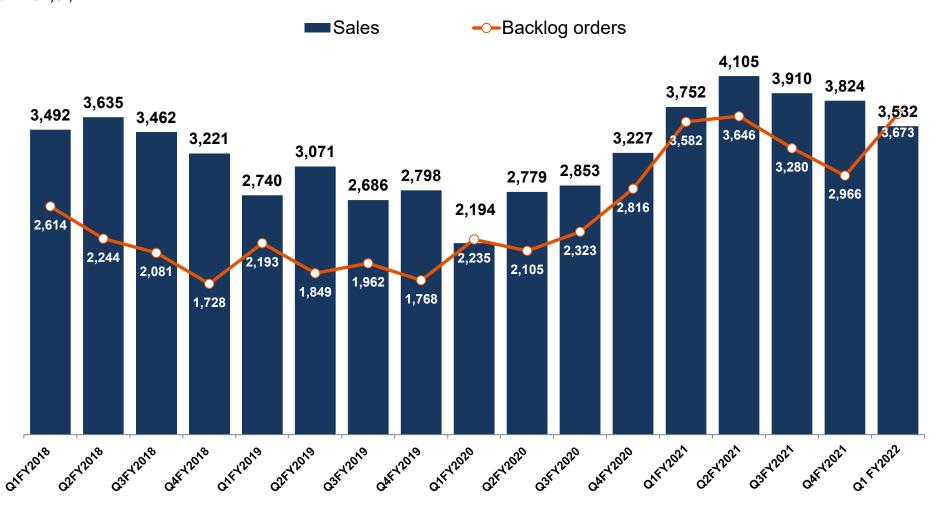




Construction Machinery Filters Changes in Backlog Orders (Quarterly)



(Unit: million yen)





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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