Financial Summary for FY2023, Performance Forecast for FY2024 and "Medium-Term Management Plan 2026"

2024/2/14



President Shinji Shimomura

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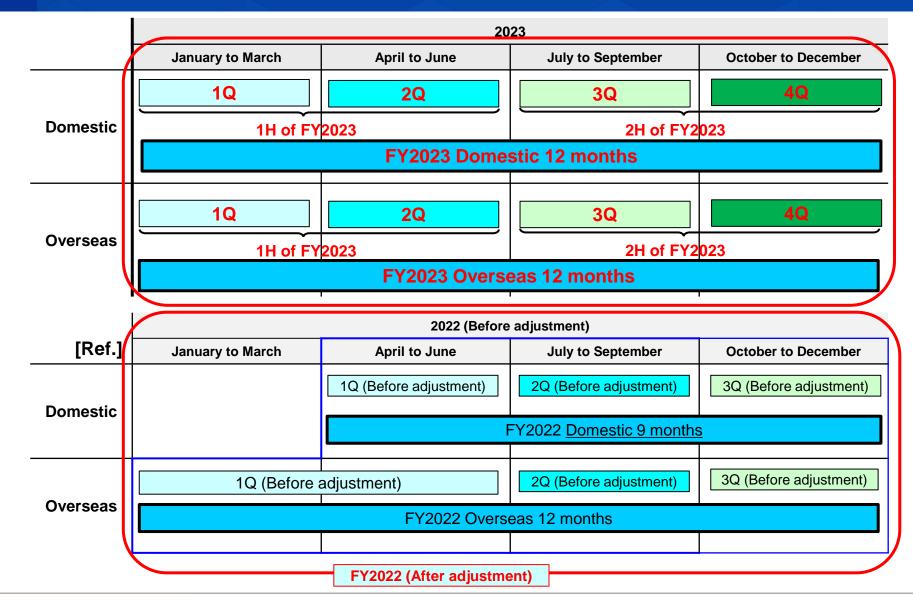
01Financial Summary for FY2023Performance Forecast for FY2024

⁰² "Medium-Term Management Plan 2026" (MTMP26)

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Financial Summary for FY2023 Performance Forecast for FY2024

Change in Fiscal Year End of FY 2022 (Financial Year End)

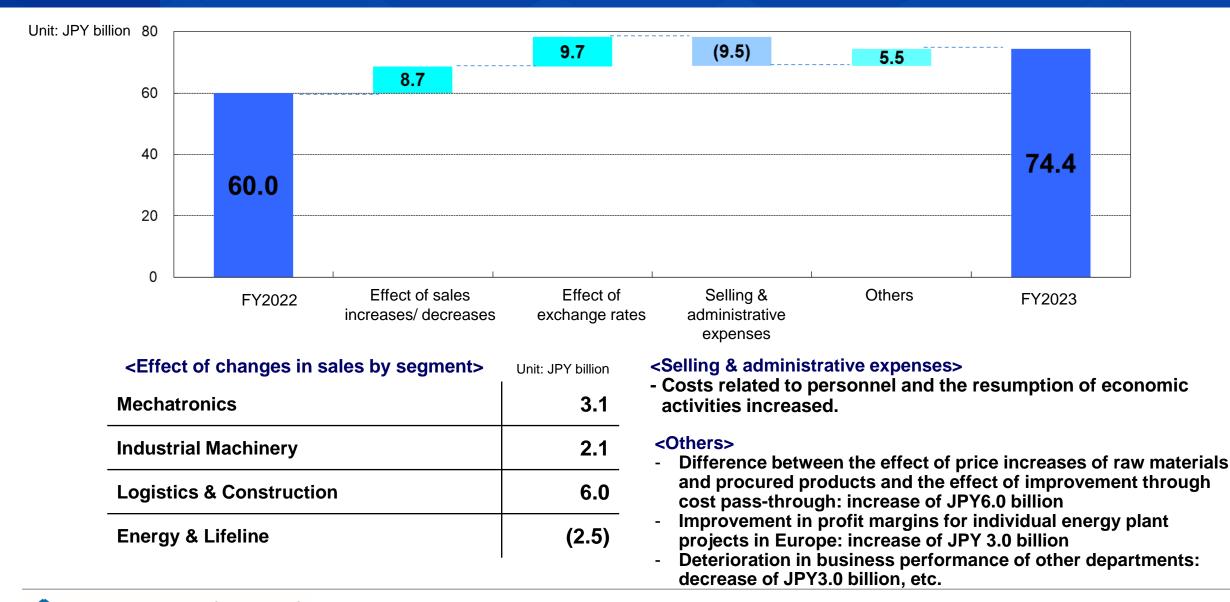


Actual	Orders : JPY1,008.7 billion / 1,164.8 billion (156.2) billion
FY2023 /Same period of previous fiscal year	Net sales : JPY1,081.5 billion / 1,018.3billion 63.3 billion
(after adjustment), (change)	Operating profit : JPY74.4 billion / 60.0 billion 14.4 billion
Year-on-year comparison	 Market environment : Softened in general, although some markets were strong in Japan. While there was strong demand from North America, a slowdown continued in Europe and China. Orders : Decreased due to a drop in demand for semiconductor-related products and a reduction in energy-related projects. Net sales : Increased year on year because the order backlog led to sales increases in segments excluding Energy & Lifeline although a reduction was observed due to a difference in construction work progress in Energy & Lifeline. Operating profit : Increased year over year, driven by higher sales in Mechatronics and Logistics & Construction and foreign exchange gains.

	FY2022	FY2	023	Change		
Unit: JPY billion	(12 months) Actual	Latest forecast (August 2023)	Actual	Year-on-year change	Comparison with latest forecast (August 2023)	
Orders	1,164.8	1,055.0	1,008.7	(156.2)	(46.3)	
Net sales	1,018.3	1,075.0	1,081.5	63.3	6.5	
Operating profit	60.0	64.0	74.4	14.4	10.4	
Operating profit ratio	5.9%	6.0%	6.9%	-	-	
Ordinary profit	58.8	60.0	70.2	11.4	10.2	
Ordinary profit ratio	5.8%	5.7%	6.5%	-	-	
Extraordinary loss	(27.6)	(2.0)	(18.8)	8.8	(16.8)	
Current profit	16.3	38.0	32.7	16.5	(5.3)	
Current profit ratio	1.6%	3.6%	3.0%	-	-	
Dividend per share	JPY90	JPY120	JPY120	-	-	
Dividend payout ratio	* 190.8%	38.7%	44.9%	-	-	
ROIC (after Tax)	∗ 6.2%	6.0%	7.0%	-	-	
[Ref.] ROE	3.0%	6.5%	5.5%	-	-	
Currency exchange rate (US dollars)	¥133 * Results for 9 months	¥130	¥139	-	-	

Orders				Net sales			Operating profit					
	Unit: JPY billion	FY2022 Actual	FY2023 Actual	Change	FY2022 Actual	FY2023 Actual	Change	FY20 Actu /Operating (%	u al profit ratio	FY20 Actu /Operating p (%	u al profit ratio	Change
Μ	echatronics	220.6	197.8	(22.8)	197.9	220.0	22.1	9.2	4.6	12.4	5.6	3.2
	(Plastics machinery)	107.1	89.3	(17.7)	106.5	97.1	(9.5)					
	(Others)	221.0	175.6	(45.4)	157.8	182.8	25.0					
In	dustrial Machinery	328.1	265.0	(63.1)	264.3	279.8	15.6	26.5	10.0	25.6	9.1	(0.9)
	(Hydraulic excavators)	255.8	212.5	(43.2)	211.4	242.4	31.0					
	(Others)	160.2	181.1	20.8	145.8	151.0	5.2					
Lo	ogistics & Construction	416.0	393.6	(22.4)	357.2	393.4	36.3	16.6	4.6	28.1	7.1	11.6
E	nergy & Lifeline	194.2	146.3	(47.9)	193.4	182.2	(11.2)	5.6	2.9	6.3	3.5	0.7
0	thers	6.0	6.0	0.0	5.6	6.1	0.5	2.1	-	1.9	-	(0.2)
Total		1,164.8	1,008.7	(156.2)	1,018.3	1,081.5	63.3	60.0	5.9	74.4	6.9	14.4

Analysis of Changes in Operating Profit for FY2023



Inventory assets: Increased as a result of expanding sales scale.

Net assets : Shareholders' equity (retained earnings) increased by JPY20.0 billion.

Of accumulated other comprehensive income, foreign currency translation adjustments increased by JPY21.6 billion due to the weaker yen.

Unit: JPY billion	December 2022	December 2023	Change	Unit: JPY billion	December 2022	December 2023	Change
Current Assets	711.4	748.3	36.9	Liabilities	571.9	573.4	1.4
Cash and deposits	97.5	104.5	7.0	Notes and accounts payable	186.3	180.8	(5.5)
Notes and accounts receivable	300.3	289.9	(10.4)	- trade (10.4) Interest-bearing debts		162.2	1.5
Inventories	275.5	321.1	45.6	Others	224.9	230.3	5.4
Others	38.1	32.9	(5.2)	Net Assets	576.9	627.5	50.5
Non-current Assets	437.5	452.6	15.1	Shareholders' equity	468.5	488.5	20.0
Property, plant and equipment	320.1	330.0	9.9	Accumulated other comprehensive income	100.8	131.3	30.5
Intangible assets	56.6	45.6	(11.0)	Non-controlling interests	7.7	7.7	0
Investments and	60.8	77.0	16.2	Total liabilities and net assets		1,200.9	52.0
other assets			Net interest-bearing debts ratio		5.5%	4.8%	(0.7%)
Total	1,148.9	1,200.9	52.0	Shareholders' equity ratio	49.5%	51.6%	2.1%

	Unit: JPY billion
Item	FY2023
Operating Activities	65.4
Profit before income taxes	51.4
Depreciation & amortization	36.4
Working capital	(45.4)
Other (such as taxes)	23.0
Investing Activities	(43.3)
(Free Cash Flows)	22.1
Financing Activities	(17.2)
Net increase (decrease) in cash and cash equivalents	6.5
Cash and cash equivalents at the end of the period	100.2

■ Cash flows from operating activities:

Inventories increased although notes and accounts

receivable decreased.

■ Cash flows from investing activities:

High-level investment continued to be made.

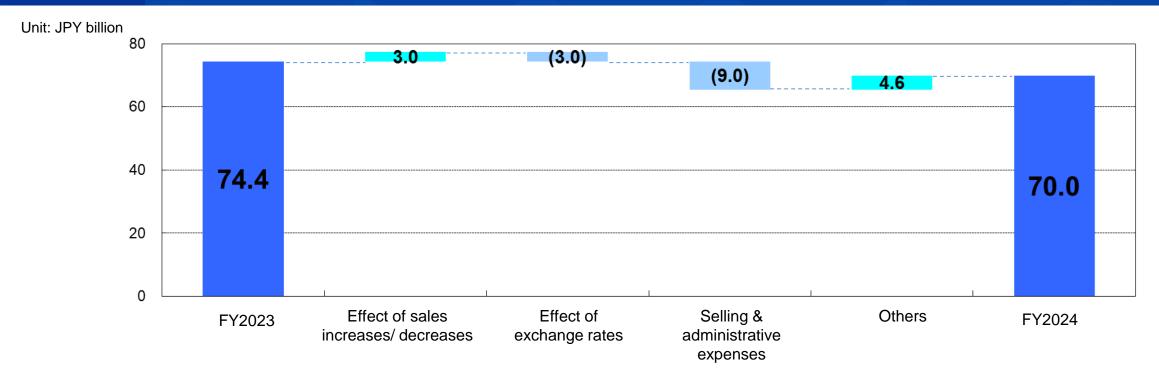
	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023
Free cash flow (JPY billion)	0.2	(21.5)	20.4	12.0	(15.9)	22.1
Debt repayment term (years)	1.3	3.4	1.9	1.8	7.5	2.5
Interest coverage ratio (times)	51.2	30.5	66.2	81.8	20.0	27.1

Performance Forecast for FY2024

	Orders : JPY1,120.0 billion
Forecast FY2024	Net sales: JPY1,110.0 billion
	Operating profit: JPY70.0 billion / Current profit: JPY41.0 billion
Year-on-year comparison	 Orders :Will increase due to a higher number of energy-related projects, customer completion of inventory adjustments and a recovery in demand for semiconductor-related products. Net sales :Will increase due to the completion of a substantial backlog of orders, mainly in Logistics & Construction. Operating profit :Will decrease due to investments in large-scale development projects and the impact of exchange rates, despite the growth in sales.
Topics and market condition	 Market conditions are expected to gradually recover in Japan. While demand from North America is expected to be strong, there will be weak demand from China and Europe, accompanied by signs of uncertainty regarding the economic outlook. Prices of some procured goods are expected to continue rising. However, we anticipate a certain improvement in profitability due to the progress of price pass-on measures. Supply chain disruptions will eventually cease, but their effects will linger on some models. There are risk factors, such as geopolitical risks, inflation trends in each country and fluctuations in the foreign exchange market.

Unit: JPY billion	Actual FY2023 (2023.1-2023.12)	Forecast FY2024 (2024.1-2024.12)	Year-on-year change
Orders	1,008.7	1,120.0	111.3
Net sales	1,081.5	1,110.0	28.5
Operating profit	74.4	70.0	(4.4)
Operating profit ratio	6.9%	6.3%	-
Ordinary profit	70.2	66.0	(4.2)
Ordinary profit ratio	6.5%	5.9%	-
Extraordinary loss	(18.8)	(5.0)	13.8
Current profit	32.7	41.0	8.3
Current profit ratio	3.0%	3.7%	-
Dividend per share	JPY120	JPY125	-
Total return ratio	44.9%	61.7%	-
ROIC (after Tax)	7.0%	6.2%	-
[Ref.] ROE	5.5%	6.5%	-
Currency exchange rate (US dollars)	¥139	¥135	-

Analysis of Changes in Operating Profit for FY2023/2024



<effect by="" increases="" of="" sales="" segment=""></effect>	Unit: JPY billion
Mechatronics	(1.0)
Industrial Machinery	1.0
Logistics & Construction	3.0
Energy & Lifeline	0

<Selling & administrative expenses>

Increased due to personnel costs and large-scale investments to commercialize the Liquid Air Energy Storage (LAES) system.

01 Performance Forecast by Segment for FY2024

			Orders			Net sales			0	perating pro	ofit	
	Unit: JPY billion	Actual FY2023	Forecast FY2024	Change	Actual FY2023	Forecast FY2024	Change	Actu FY20 /Operating ratio	023 ng profit	Forec FY20 /Operatin ratio	024 ng profit	Change
Mechatronics		197.8	221.0	23.2	220.0	213.0	(7.0)	12.4	5.6	10.0	4.7	(2.4)
	(Plastics machinery)	89.3	102.5	13.2	97.1	95.0	(2.0)					
	(Others)	175.6	184.5	8.9	182.8	190.0	7.2					
	Industrial Machinery	265.0	287.0	22.0	279.8	285.0	5.2	25.6	9.1	26.0	9.1	0.4
	(Hydraulic excavators)	212.5	260.0	47.5	242.4	271.0	28.6					
	(Others)	181.1	159.0	(22.1)	151.0	157.0	6.0					
Lc	ogistics & Construction	393.6	419.0	25.4	393.4	428.0	34.6	28.1	7.1	31.5	7.4	3.4
Er	nergy & Lifeline	146.3	189.0	42.6	182.2	181.0	(1.3)	6.3	3.5	1.0	0.6	(5.3)
O	others	6.0	4.0	(2.0)	6.1	3.0	(3.0)	1.9	-	1.5	-	(0.4)
Total		1,008.7	1,120.0	111.3	1,081.5	1,110.0	28.5	74.4	6.9	70.0	6.3	(4.4)

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02 "Medium-Term Management Plan 2026"

		Targets of "Medium-Term Management Plan 2026" (Revised in May 2022)	FY2021 Actual	FY2022 Actual (12 months)	FY2023 Actual	
G	Orders	JPY1,070.0 billion	JPY1,075.3 billion	JPY1,164.8 billion	JPY1,008.7 billion	
sults	Net sales	JPY1,050.0 billion	JPY 944.0 billion	JPY1,018.3 billion	JPY1,081.5 billion	
ngs res	Operating profit	7.2% JPY76.0 billion	7.0% JPY65.7 billion	5.9% JPY60.0 billion	6.9% JPY74.4 billion	
Earnings	ROIC	7.5% or more	7.3%	6.2%	7.0%	
ш	(Ref.) ROE	8.0%	8.5%	3.0%	5.5%	
nts	Capital investment		JPY111.2 billion			
Investments	(3 years)	JPY117.0 billion	JPY32.2 billion	JPY36.5 billion *	JPY42.5 billion	
esti	Research and			JPY64.0 billion		
lnv	development (3 years)	JPY68.0 billion	JPY21.8 billion	JPY17.4 billion *	JPY24.8 billion	
C	Currency exchange rate (US dollars)	¥ 120	¥ 112	¥ 133	¥ 139	
				· 		

* Results for 9 months

	Summary of "Medium-Term Management Plan 2023"	Issues to be addressed to fulfill "Medium-Term Management Plan 2026"
Financial targets	 The topline growth target was achieved and the semiconductor- related product business expanded Operating profit was as planned but ROIC targets were not met 	 Strengthen profitability by reinforcing existing businesses and fostering growth in highly profitable businesses
Investment- related	 Insufficient investment in growth sectors (semiconductor and electric control-related) Profit contribution from previously acquired businesses has been experiencing a delay 	 ✓ Concentrate investments on key areas (including M&A) ✓ Improve the M&A evaluation process
Enhancing corporate and social values	 The business portfolio started to undergo reshuffling, and a transition was made to a new segment-based framework An organization was established to create new businesses Carbon neutrality targets and a human rights policy were established, Human rights DD was initiated and diversity was promoted 	 ✓ Establish ROIC targets for each segment, implement a growth strategy, and promote business portfolio reformation ✓ Develop a commercialization process and foster intrapreneurs ✓ Implement initiatives for achieving CO₂ reduction targets and execute a personnel strategy focused on human capital
	Human rights DD: human rights due diligence	

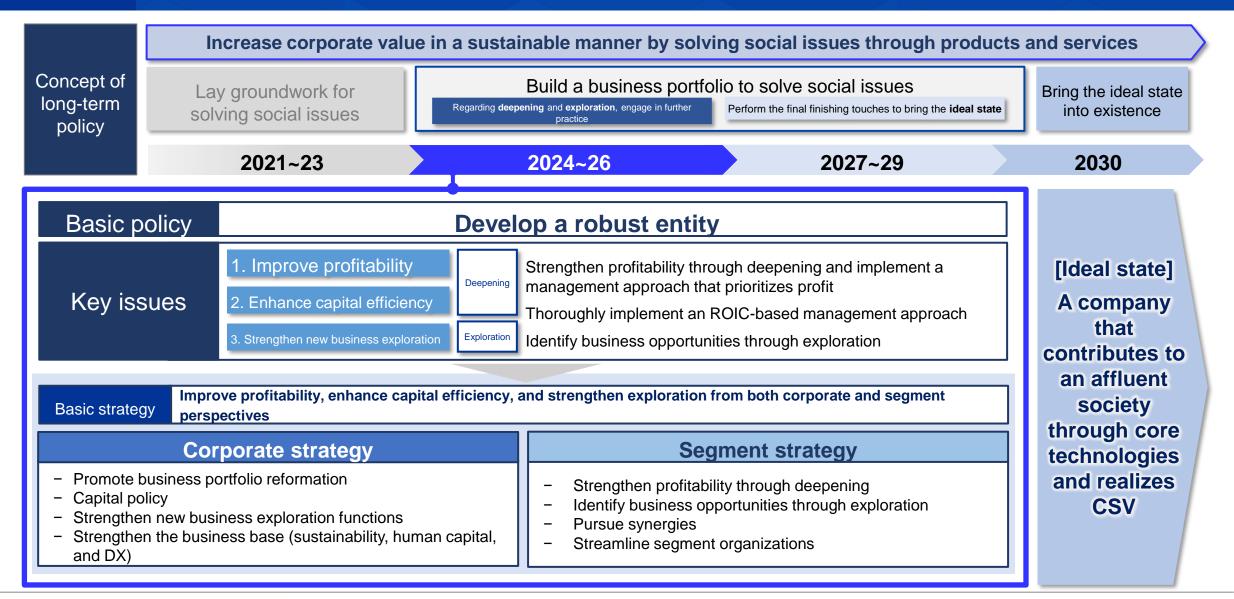
- Operating margins were almost in line with the target as a result of promoting price pass-on and other measures, although affected by a prolonged surge in material costs and increased fixed costs

- ROIC targets were not met due to the following factors: difficulties in procuring parts and materials resulting from supply chain disruptions; an increase in inventory assets driven by decreased production efficiency; and a rise in fixed assets due to investments aimed at increasing production, etc.

Purpose	Enhance society and those within it with compassion through our ownership and vision					
Ideal state in 2030	A company that contributes to an affluent society through core technologies and realizes CSV					
Financial	Operating profit: JPY130.0 billion		Material issues of sustainability	Non-financial targets for 2030		
targets for FY2030	ROIC: 10% or more	Е	Reduce environmental Burden	CO ₂ emission reduction (compared to 2019) - At time of manufacturing products: -50% - At time of using products: -30%		
businesses, ac areas based of thereby aiming value [Key inves - Roboti	cs/automation fields	S	Create better ways to live and work Prioritize employee safety, health, and Development Emphasize coexistence and co- prosperity with local communities Establish a sustainable supply chain	 (Further advancement of automation technology) Female manager ratio: more than 8% (on a consolidated basis in Japan) Spending for social contribution activities 1% of operating profit Survey on high risk suppliers 100% 		
 Advanced medical equipment field Environment/energy fields 			Strengthen governance Ensure high product quality	 Ratio of female directors: 30% Number of serious incidents related to products: 0 		

Establish financial and non-financial targets to maximize our corporate and social values The financial targets are set to achieve profitability that continuously surpasses capital costs

02 Basic Policy and Key Framework of "Medium-Term Management Plan 2026"



An era marked by discontinuity and uncertainty, wherein existing growth strategies and business assumptions no longer apply

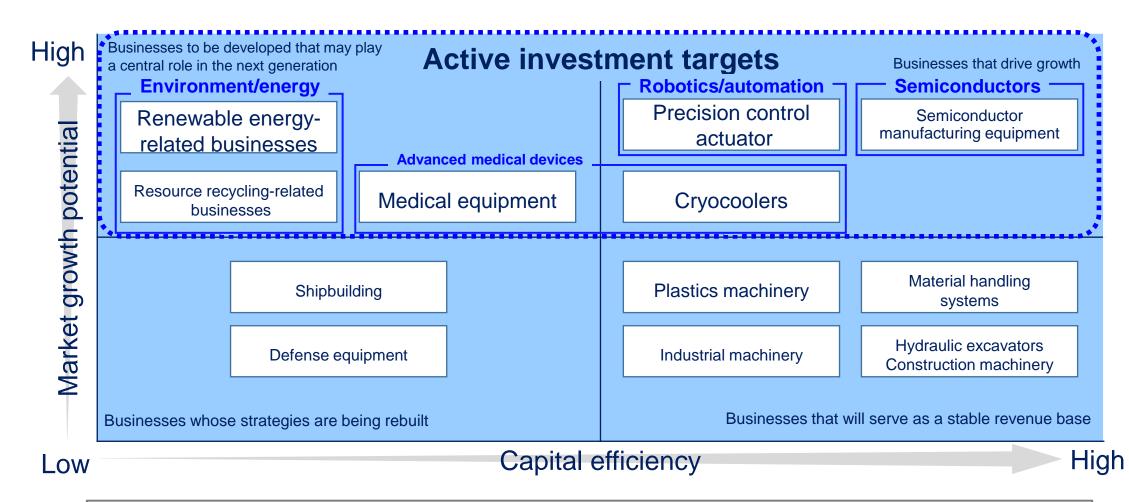
External	Uncertain global economy		 Softening of the global economic growth rate and inflation concerns The delay in the Chinese economy's recovery and its impact on the global economy 				
environment Economy, society,	Discontinuous business environment		 Call for expanding economic security measures (from the semiconductor sector to encompass the green field) Supply chains affected by the emergence of economic blocs and economic diversification 				
security	Changing social style		 Reformation of life and work styles, driven by the advancement of digitization Emergence of a hyper-aging society and shortage of human resources in major advanced countries 				
	to strengthening the business base	Reform	Reformation of the management foundation and business portfolios in preparation for environmental chan				
Management challenges	Mindset shift		Strengthening profitability with a focus on capital costs and return on capital A mindset shift to provide products and services of higher value				
	Organizational/busin ess reformation	Transit	Business process reformation utilizing DX Transition to an environment and culture that fosters mutual growth and development among people and organizations				

		"Medium-Term Management Plan 2023" Actual	Forecast FY2024	"Medium-Term Management Plan 2026" Plans (targets for FY2026)	
	Orders	JPY1,008.7 billion	JPY1,120.0 billion	JPY1,280.0 billion	
Earnings results	Net sales	JPY1,081.5 billion	JPY1,110.0 billion	JPY1,250.0 billion	
	Operating profit	6.9% JPY74.4 billion	6.3% JPY70.0 billion	8.0% JPY100.0 billion	
	ROIC	7.0%	6.2%	8%	
	(Ref.) ROE	5.5%	6.5%	10%	
Investments	Capital investment (3 years)	JPY111.2 billion	JPY190.0 billion (including JPY80.0 billion allocated to key investment areas)		
Invest	Research and development (3 years)	JPY64.0 billion	JPY90.0 billion (including JPY54.0 billion allocated to key investment area		
Currency exchange rate (US dollars)		JPY139	JPY135		

"Medium-Term Management Plan 2026" Forecasts and Plans by Segment

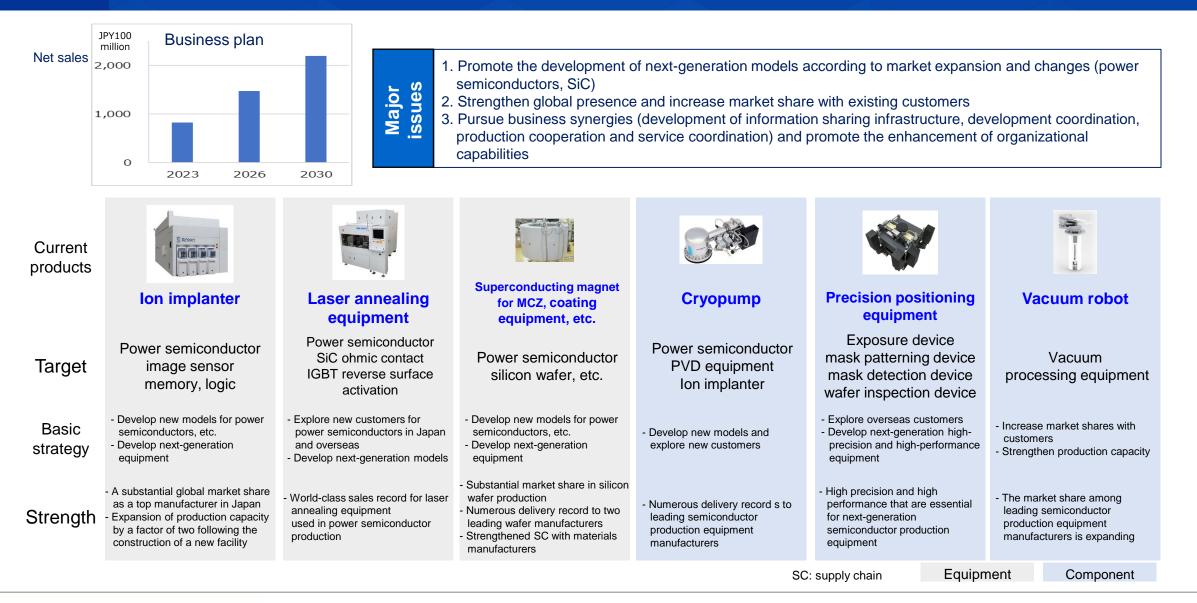
	Actual FY2023				Forecast FY2024			Targets of "Medium-Term Management Plan 2026" Plans				
(Unit: JPY billion)	Orders	Net sales	Operating profit	ROIC	Orders	Net sales	Operating profit	ROIC	Orders	Net sales	Operating profit	ROIC
Mechatronics	197.8	220.0	12.4	5.1%	221.0	213.0	10.0	4.2%	265.0	260.0	20.0	7.0%
plastics machinery	89.3	97.1			102.5	95.0			110.0	110.0		
Industrial Machinery	265.0	279.8	25.6	10.0%	287.0	285.0	26.0	9.6%	345.0	340.0	37.0	11.5%
hydraulic excavators	212.5	242.4			260.0	271.0			290.0	290.0		
Logistics & Construction	393.6	393.4	28.1	8.7%	419.0	428.0	31.5	10.2%	460.0	460.0	33.0	10.0%
Energy & Lifeline	146.3	182.2	6.3	4.1%	189.0	181.0	1.0	0.7%	210.0	190.0	10.0	6.0%
Total	1,008.7	1,081.5	74.4	7.0%	1,120.0	1,110.0	70.0	6.2%	1280.0	1250.0	100.0	8.0%

Corporate Strategy: Promoting Business Portfolio Reformation



- Concentrate management resources on businesses in key investment areas with growth potential, thereby expanding our businesses
- Rebuild a strategy for businesses with low growth and low profitability

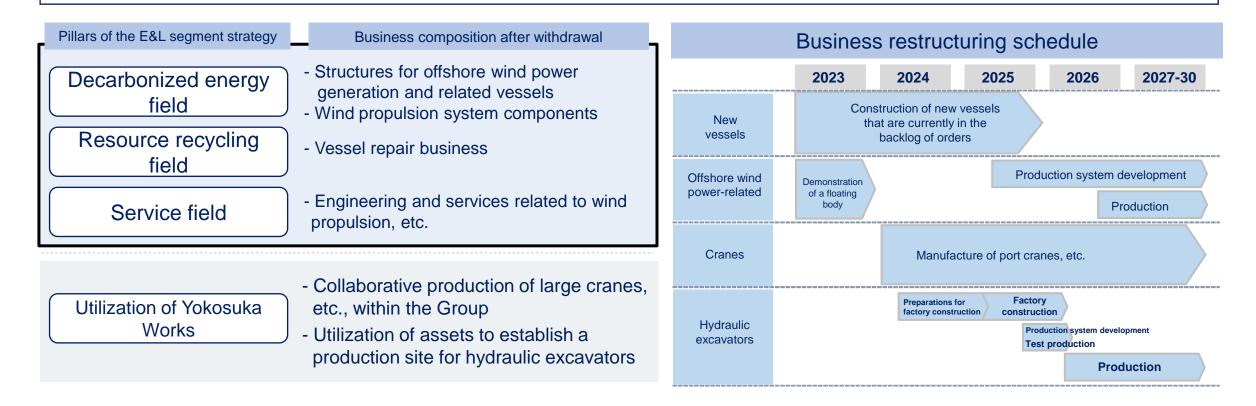
Corporate Strategy : Businesses Driving Growth (Strategies for the Semiconductor Field)



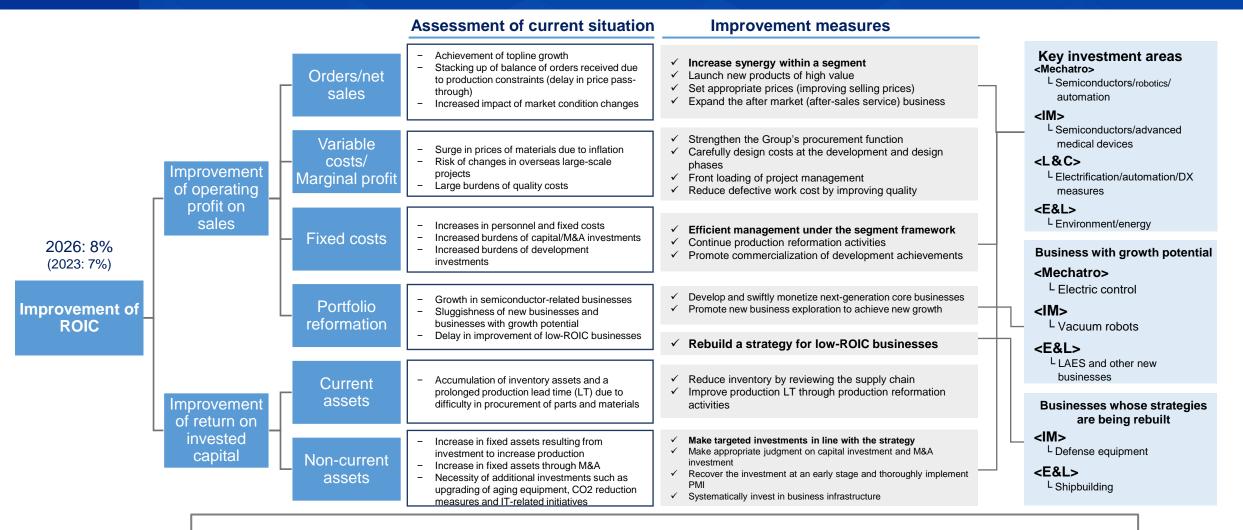
Withdrawing from New Shipbuilding Business:

Beginning in FY2024, we will no longer accept new orders for the construction of general commercial vessels. The business will be concluded by delivering the vessels currently in the backlog of orders
 Dremete business restructuring in line with the strategy for the Energy 8 Lifeling segment.

Promote business restructuring in line with the strategy for the Energy & Lifeline segment



Corporate Strategy : Assessment of Current Situation and Improvement Measures to Increase Capital Efficiency



- Make significant investments in key areas and rebuild a strategy for low-ROIC businesses

- Expand synergies and implement efficient management using the segment-based framework

Corporate Strategy: Capital Policy (Cash Flow Allocation)

- Strengthen cash flow generation by promoting ROIC improvement measures. Allocate cash to investments and shareholders by utilizing interest-bearing debts as well.
- Our basic policy for shareholder returns is to attain a DOE of 3.5% or higher, maintain a minimum dividend of JPY125, and ensure a total return ratio of 40% or more. During the MTMP26 period, we aim to deliver JPY80 billion in shareholder returns through consistent dividend distributions and treasury stock repurchases.
- For FY2024, we have decided to increase the per-share dividend forecast by JPY5 to JPY125 and repurchase JPY10 billion worth of treasury shares.
- During the MTMP26 period, we anticipate achieving a total return ratio of 50% or more by increasing the DOE to 3.5% or higher and consistently repurchasing treasury shares.

Cash in		Cash out	
Operating cash flow (before deduction of research & development costs)	 Improve profitability Enhance cash flow generation Reduce working capital Improving production lead time through production reformation 	Capital investment (including M&As) JPY190.0 billion	- Investment in key areas: JPY80 billion Significant investments are made in robotics/automation, semiconductors, advanced medical devices and environment/energy fields.
JPY300.0 billion	activities - Restructure low-ROIC businesses	Research & development cost JPY90 billion	- Investment in key areas: JPY54 billion Significant investments are made in robotics/automation, semiconductors, advanced medical devices and environment/energy fields.
Interest- bearing debts JPY60 billion	- Utilize interest-bearing debts Utilizing interest-bearing debts to an extent that does not compromise sound financial conditions	Shareholder returns JPY80 billion	 Consistently distribute dividends commensurate with shareholders' equity DOE of 3.5% or higher The minimum dividend is JPY125/share Repurchase treasury stock, taking the capital policy into consideration Total return ratio of 40% or more

Corporate Strategy: Strengthening the Business Base (Sustainability)

"Medium-Term Management Plan 2026" Basic Sustainability Policy By strengthening measures to achieve SDGs and the Group's goal of achieving carbon neutrality by 2050, as well as transforming risks associated with changes in the social environment into opportunities, we aim to enhance corporate value

Cate	gory	Material issues	Actual 2023	Targets 2026	Details of "Medium-Term Management Plan 2026" initiatives
of value creation	E	Reduce environmental burden	CO ₂ emission reduction (compared to 2019) - At time of manufacturing products: +2% - At time of using products: -65% *Actual 2022	CO ₂ emission reduction (compared to 2019) - At time of manufacturing products: -35% - At time of using products: -50%	 Drafting reduction targets, investment plans and initiatives (ensuring consistency across segments/BUs) Third-party verification (Initiating a feasibility study to obtain company-wide Cat. 1 CO₂ data for Scope 3 emissions) Study on addressing new issues such as biological diversity
Issues (Create better ways to live and work (Further advancement of automation technology)		(Further advancement of automation technology) - Continue trial measurements to assess the value of reducing burdens at posters through product use	
ss base		Prioritize employee safety, health, and development	- Female manager ratio: 2.1% (on a consolidated basis in Japan)	- Female manager ratio: 3.7% (on a consolidated basis in Japan)	- Human capital management, diversity (promotion of women's advancement), healthy management (White 500, etc.)
ne business		Emphasize coexistence and co- prosperity with local communities	- Spending for social contribution activities: JPY150 million	- Spending for social contribution activities: JPY200 million	 Promote policy-based activities and collaborate with communities and diverse stakeholders
strengthening the		Establish a sustainable supply chain - A trial run began		- Survey on high risk suppliers :100%	- Human rights due diligence (Expand human rights initiatives in the supply chain)
of strenç		Strengthen governance	- Number of female directors: 1	- Number of female directors: 2	- Strengthen the supervisory function of the board of Directors and promote diversity
Issues o	G	Ensure high product quality	- Number of serious incidents related to products: 0	- Number of serious incidents related to products: 0	- Implement reforms towards ISO effectiveness evaluation and enhance the governance function for product safety

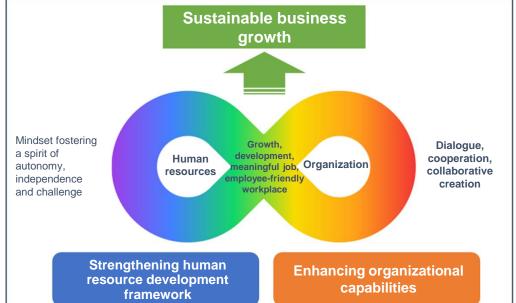
Corporate Strategy: Strengthening the Business Base (Human Capital)

Human capital management

02

Recognizing that "Human resources are our greatest asset and the sustainable growth of a business is rooted in the growth and development of both individuals and organizations," we position human resources at the core of management and business operations.

With regard to investments in human capital, we consistently prioritize strengthening our human resource development framework and organizational capabilities in particular, and strive to make a transition to an environment and culture that fosters mutual growth and development among people and organizations.



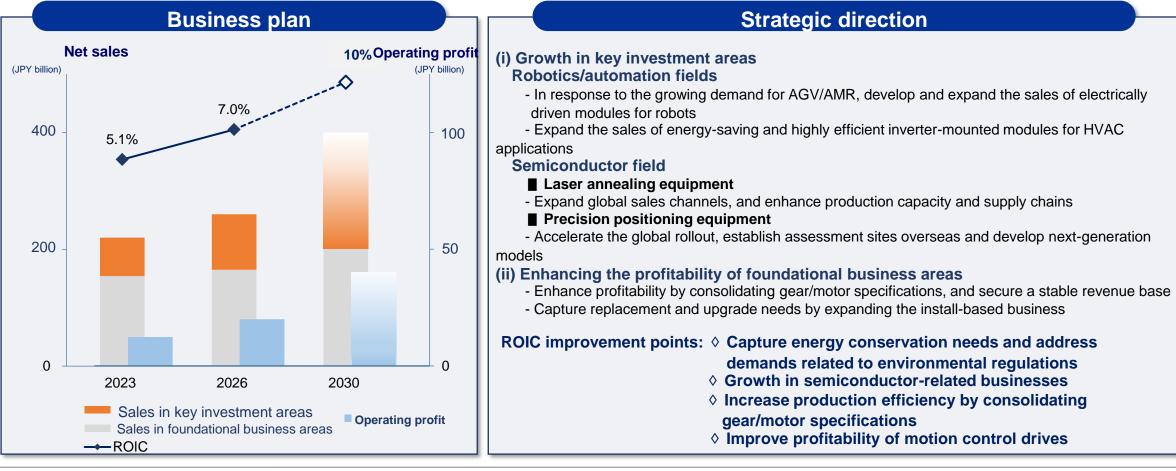
Key Issues for "Medium-Term Management Plan 2026"

	Securing human resources	 Employment and retention of human resources [Employment plan] (3 years) Human resources in key investment areas: roughly 500 persons DX personnel (ICT personnel): roughly 50 persons Align aspirations of individuals with their placement and utilization
	Strengthening human resource development framework	 Formulate development programs that are linked with business strategy Establishment of a new human resource development center Up-skilling and re-skilling Develop managerial human resources
	Developing global human resources management framework	 Develop global human resources Utilize overseas human resources
	Enhancing organizational capabilities	➢Organizational development activities
	Promoting diversity	Strengthen the promotion of women's advancement

Segment Strategy: Roles and Direction by Segment

Segment	Role/Positioning	Direction to pursue	Key investment area
Mechatronics	Segment that drives	 Active investment in the electric equipment control business Growth in the semiconductor business Boosting the rollout of electrically powered modules for robotics 	 Robotics/automation fields Semiconductor field
Industrial Machinery	growth with high profitability	 Highly-profitable business entity that uses advanced technologies to respond to the global growth market and features an evolving portfolio Growth in strategic business areas, such as semiconductor-related sectors and medical devices 	- Semiconductor field - Advanced medical equipment field
Logistics & Construction	Core segment that secures stable revenue	 Simultaneous realization of social value and corporate value through automation of logistics and construction machinery and minimization of labor and personnel Product launch in a new market and development of new products through coordination between businesses Development of products using new technologies, such as electrification and new components 	- Robotics/automation fields
Energy & Lifeline	Segment developed for future growth	 Creating a new business in the fields of decarbonized energy and resource recycling Combining competence and synergy within a segment 	- Environment/energy fields





AGV: Automatic Guided Vehicle、 AMR: Autonomous Mobile Robot HVAC: Heating, Ventilation, and Air Conditioning

Segment Strategy: Mechatronics Segment (Robotics, Automation)

AGV · AMR Collaborative robots (JPY billion) 1,400 1,200 1,000 800 600 400 200 2021 2022 2023 2024 2025 2026

Market growth forecasts

*Forecasts made by the Company based on materials prepared by Yano Research Institute

Market needs

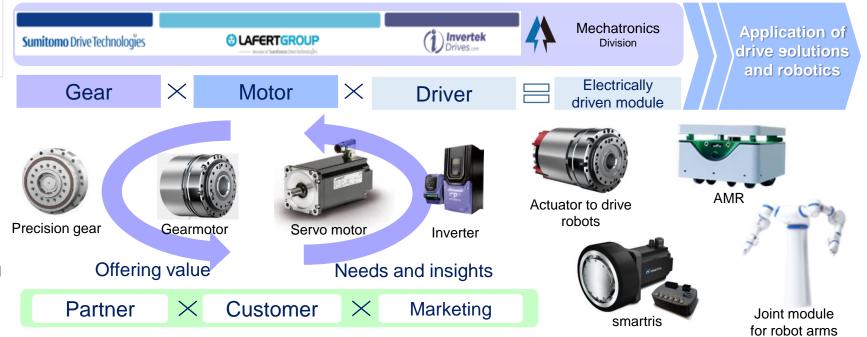
- Automation and electrification of logistics/material handling operations in which manpower tends to become insufficient
- Safety required for machines to collaborate in proximity to humans
- Usability that allows for easy operation without the need for specialized skills

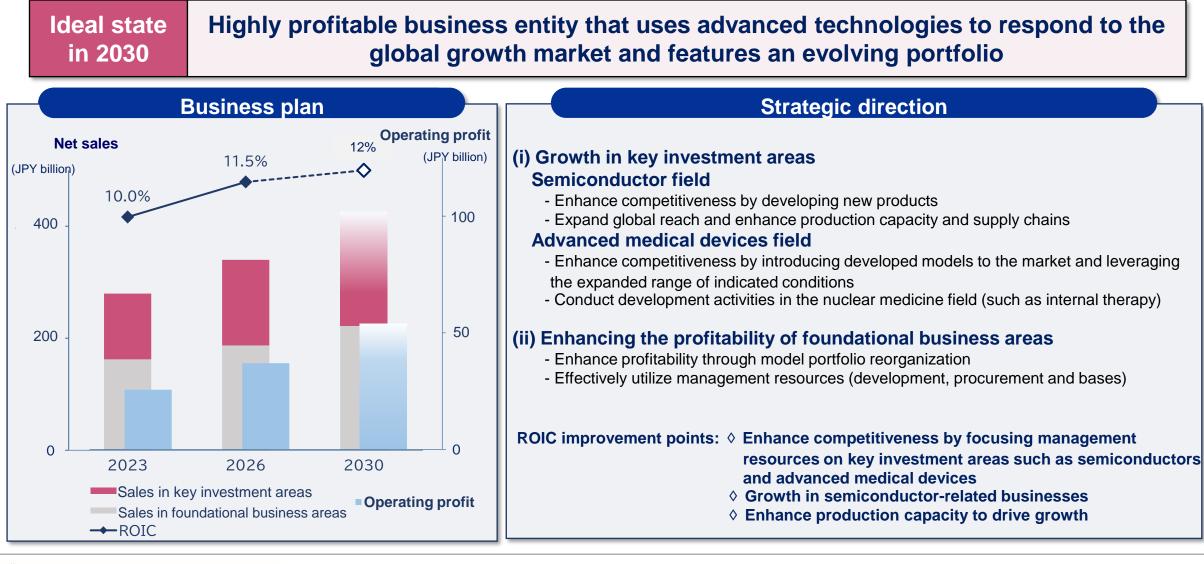
Major investments aimed at fostering growth in electric control and robotics fields

- Enhancing UK-based Invertek's production capacity: Sales expanded through investments related to energy conservation and environmental regulations
- Establishing a development site within UK-based Invertek:—Development of next-generation models and electrification technologies was promoted

Improving Italy-based Lafert's production capacity: - Profitability was improved by increasing efficiency, ROIC improved

Developing and offering advanced electrically driven modules by leveraging collaborative solutions from PTC, Lafert, Invertek and Mechatro





Segment Strategy: Industrial Machinery Segment (Advanced Medical Devices)

Market growth forecasts

- The aging of the population, the development of medical infrastructure in emerging economies, and the introduction of advanced medicine in developed countries will progress in the medium-to-long term
- The global demand for medical devices is projected to grow approximately 6% compared to 2022

Market needs

- Maintain patients' QoL (Quality of Life) by reducing their burdens
- Expansion of sites with indicated conditions in radiation therapy

Major investments aimed at fostering growth in advanced medical devices

- Medicine/semiconductors New clean shop
- Strengthen production capacity through factory expansion and secure human resources for development and O&M

Developing next-generation advanced therapy devices, nuclear medicine-related models and cryocoolers for MRI

Proton/BNCT therapy devices Market expansion due to the

broadening of sites with indicated cancer conditions

- Development of next-generation products
 - Next-generation proton system
 - World's only approved medical device (BNCT)

 Nuclear medicine model Increased demand for PET

resulting from the development of new drugs

 Development toward expanded application of internal therapy (RI)

Cryocoolers for MRI

Helium (He) conservation needs (shifts in customer demand caused by a surge in He prices and supply challenges); energy conservation needs

- Development of He conservation solutions for MRI equipment, etc.







Cryocoolers

Cyclotrons for internal therapy



Proton therapy system



Ideal state in 2030 Business group leveraging technological innovation to construct social infrastructure using people- and environmentally friendly logistics and construction machinery



Strategic direction (i) Growth in key investment areas **Robotics/automation fields** Development strategy - Establish a development system for the segment, and focus on development of advanced elemental technologies, such as electrification, automation, DX and other universally applied technologies for "Robotics/Automation" - Promote the exploration of new models through collaborative development (ii) Enhancing the profitability of foundational business areas Marketing & sales strategy - Securing revenue in advanced markets including Japan, the US and Europe - US: Sales collaboration led by LBC with the participation of HSC and SHI-MH - Europe: Establish a foothold by setting up a sales base in collaboration with the crane business Production strategy - Utilize production bases in 4 Japanese locations (including newly added Yokosuka Works) and 3 overseas locations to develop an optimum production system that can flexibly respond to changes in the global market - Enhance quality assurance efforts to maintain our brand's high reliability **ROIC** improvement points: \diamond Increase revenue in advanced countries **Order** Building an optimal global production system

Segment Strategy: Logistics & Construction Segment (Automation)

Major development issue	Model	Development background and direction			
(i) Electrification	Construction machinery (Hydraulic excavators and construction cranes)	 There will be a growing demand that requires construction machinery businesses to solve social issues, such as carbon neutrality and energy conservation. We are advancing the development of electrified hydraulic excavators, cranes, etc., leveraging the Group's expertise and technology in hydraulic machinery control. Sumitomo Construction Machinery has established an electrification promotion office to enhance its development system. ⇒ Focus not only on achieving carbon neutrality but also on harnessing a wide range of electric/hydraulic controls enabled by electrification, strive to enhance operability and high production efficiency, for which we have already gained a strong reputation, and aim for product differentiation. 			
(ii) Remote control and automation	 Logistics machinery (Logistics warehouses, material handling cranes) Construction machinery (Hydraulic excavators and construction cranes) 	 ■Remote control and automation technologies driven by logistics warehouses and material handling cranes will be widely adopted by construction machinery businesses in order to solve social issues, such as "work style reform" and the "shortage of operators." ⇒ Our logistics machinery has strengths such as "motion control," "surrounding environment recognition" and "logistics/production efficiency optimization." The "motion control" and "surrounding environment recognition" functions will be integrated into our construction machinery. 			
High-density automatic warehouse Demotely controlled outomated DTC Device on the table of the Device on the Sector of Device o					

High-density automatic warehouse (products) & AGF (products)

Remotely controlled automated RTG (products) & hybrid RTG (products) Prototype electric hydraulic excavator Prototype electric construction crane Remotely controlled, autonomous prototype hydraulic excavator



AGF = Automated Guided Forklift (Unmanned material handling forklift) Magic Rack is a registered trademark for a highdensity automatic warehouse



(Gate-type crane using tires)

RTG = Rubber Tired Gantry crane



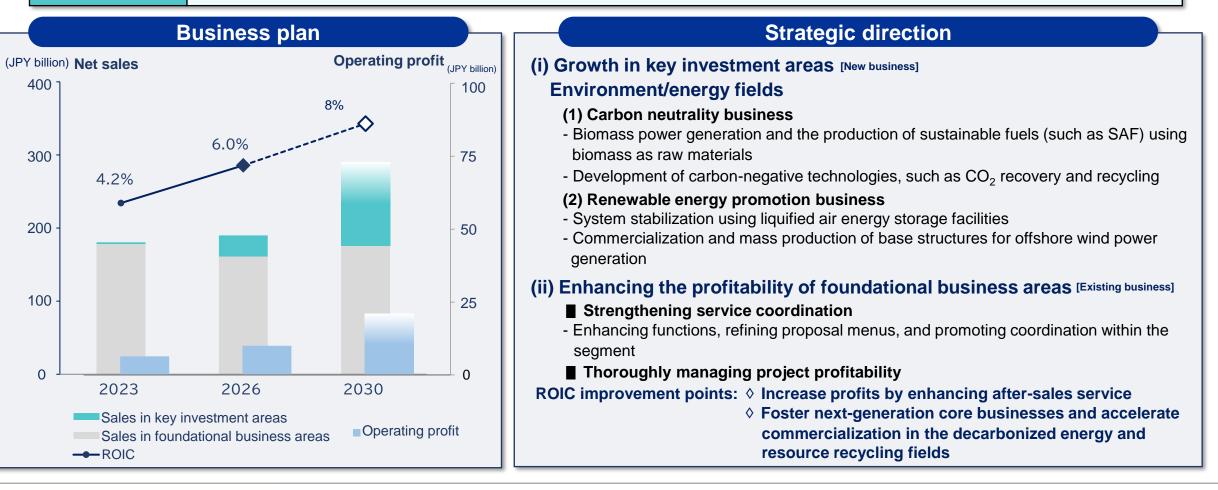




Ideal state in 2030

02

Solution provider in the decarbonized energy and resource recycling fields, built on the foundations of (1) carbon neutrality business (2) renewable energy business



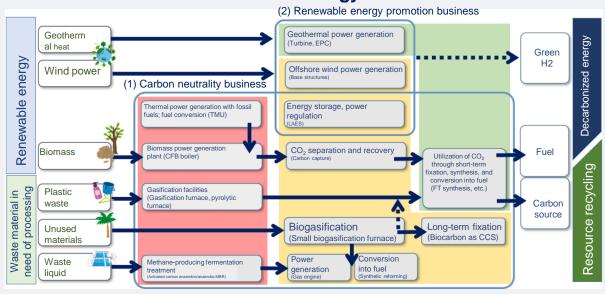
Segment Strategy: Energy & Lifeline Segment (Environment/Energy)

Existing business Demonstration/planning phase Under consideration

Major strategic issues	6	Direction of business development	Investment item
(1) Carbon neutrality business	сси	 Demonstrate green CO₂ recovery technology from biomass power generation facilities and develop CO₂ utilization technology 	
(1) Carbon neutrainty business	Gasification	 Engage in supply chains for sustainable fuels (such as SAF) and establish a collaborative system 	Pilot facilities, demonstration
	LAES	 Optimize aggregation operations through commercial demonstration Develop businesses for large-capacity electricity storage facilities for systems 	systems, production equipment, etc.
(2) Renewable energy promotion business	Offshore wind power generation (Base structures)	 Strengthen the production system including coordination between Yokosuka Works and Ehime Works (Saijo Factory) 	

Overview of commercialization strategy

02





Highview Power Liquid Air Energy Storage System (LAES) that supports the utilization of renewable energy as the primary power supply source

Currently constructing a demonstration plant in partnership with Hiroshima Gas Co., Ltd.





Developing an FT synthesis process (Fischer-Tropsch Process) that generates sulfurfree liquid fuel with a high cetane value by exposing a catalyst to synthetic gas (CO and H_2) containing CO₂

Currently under development with support from Gunma Industrial Technology Center

2024/2/14

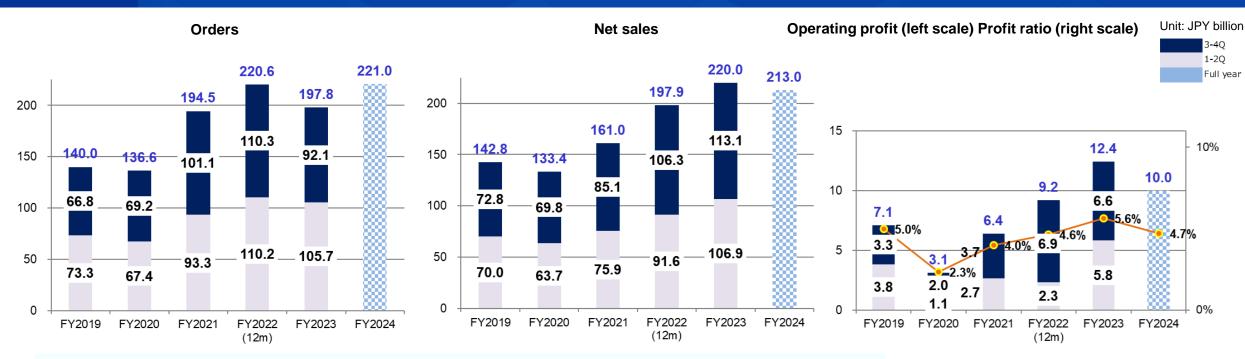
Reference Materials

Ref. Mechatronics

- FY2023: Orders decreased because demand for small-to-medium-sized gear reducers and motors was sluggish due to inventory adjustment by customers in the US and Europe and a slowdown in the Chinese market. Sales and operating profit increased because of a backlog of orders.
- FY2024: We anticipate an increase in orders as a result of completion of inventory adjustments in Europe and the recovery of the Chinese market in the second half. Sales will decrease due to a reduction in orders in the previous year. Operating profit will decrease due to a decline in sales.

			FY202	FY2024			
Unit: JPY billion	Actual FY2022	Forecast August 2023	Actual	Year-on- year change	Results of comparison with forecast August 2023	Forecast	Year-on- year change
Orders	220.6	218.0	197.8	(22.8)	(20.2)	221.0	23.2
Net sales	197.9	219.0	220.0	22.1	1.0	213.0	(7.0)
Operating profit	9.2	10.5	12.4	3.3	2.0	10.0	(2.5)
Operating profit ratio (%)	4.6	4.8	5.6	1.0	0.9	4.7	(1.0)
Backlog of orders	112.6		90.4	(22.3)			

Mechatronics



<Reference>

Ref.

Gear reducer business : Sales contribution ratio by model (approximate numbers)

	Gear motor (middle size)	Gear box (large size)	For use in precision equipment (MCD)	Service	Electric control	Total
FY2023	40%	20%	10%	10%	20%	100%
FY2022	40%	20%	10%	10%	20%	100%

<Plastics machinery>

Ref.

- FY2023 :Orders, sales and operating profit all decreased due to slowdown in demand for electric and electronics-related products in China and sluggish investment in Japan and Europe.
- FY2024 :Orders will increase mainly due to the recovery of the demand for products related to automobiles and the Chinese market. While sales are expected to decrease slightly, operating profit will increase due to progress in selling price revisions.

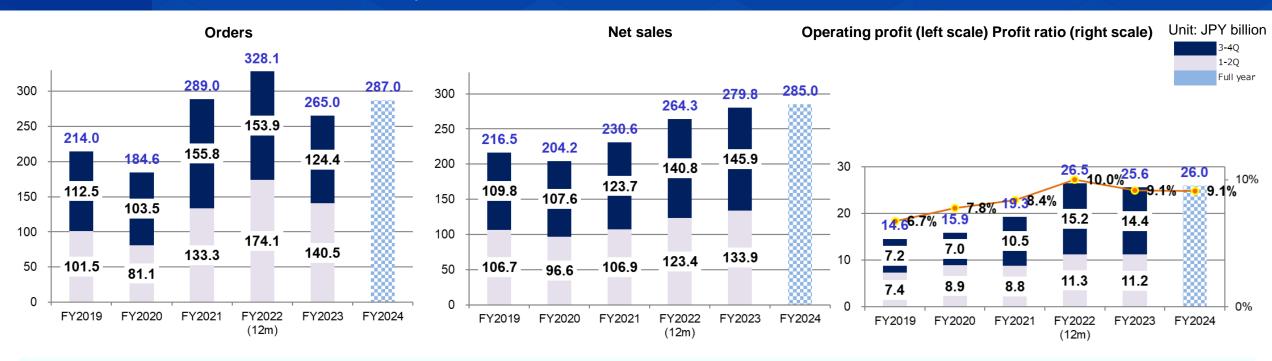
<Others>

- FY2023:Orders declined due partly to inventory adjustment and investment postponement by customers, which were caused by the softening of semiconductor market conditions. Sales and operating profit saw an increase due partly to a substantial backlog of orders.
- FY2024:Orders are anticipated to recover in the second half because demand for semiconductor-related products is bottoming out. Sales will increase due to a backlog of orders. Operating profit will remain at the same level as the previous year.

		Astual		FY2023				FY2024	
Unit: JPY billion		Actual FY2022	Forecast August 2023	Actual	Year-on- year change	Results of comparison with forecast August 2023	Forecast	Year-on- year change	
	Plastics machinery	107.1	96.0	89.3	(17.7)	(6.7)	102.5	13.2	
	Others	221.0	184.0	175.6	(45.4)	(8.4)	184.5	8.9	
Ore	ders	328.1	280.0	265.0	(63.1)	(15.0)	287.0	22.0	
	Plastics machinery	106.5	100.0	97.1	(9.5)	(2.9)	95.0	(2.0)	
	Others	157.8	181.0	182.8	25.0	1.8	190.0	7.2	
Net	sales	264.3	281.0	279.8	15.6	(1.2)	285.0	5.2	
Оре	erating profit	26.5	25.5	25.6	(0.9)	0.1	26.0	0.4	
Оре	rating profit ratio (%)	10.0	9.1	9.1	(0.9)	0.1	9.1	0.0	
Bac	klog of orders	194.5		179.7	(14.9)				

Ref.

Industrial Machinery



<Reference>

- Sales mix of injection molding machines by segment (approximate numbers)

	Electric and electronic product-related	Automobile	Medical care, foods, containers, miscellaneous goods	Others	Total
FY2023	15%	20%	55%	10%	100%
FY2022	20%	15%	50%	15%	100%

- Business performance for semiconductor production equipment (ion implanters) (approximate numbers)

Unit: JPY billion	Actual FY2022	Actual FY2023	Forecast FY2024
Orders	66.0	55.0	50.0
Sales	50.0	51.0	54.0

<Hydraulic excavators>

FY2023:Orders decreased partly because there was a decline in response to a significant number of advance orders in the US during the previous fiscal year. Sales increased following the successful resolution of production constraints in Japan. As a result, operating profit also increased.

FY2024:Orders will increase due to the completion of inventory adjustments mainly in North America. Sales and operating profit will increase following the successful clearance of a substantial backlog of orders.

<Others>

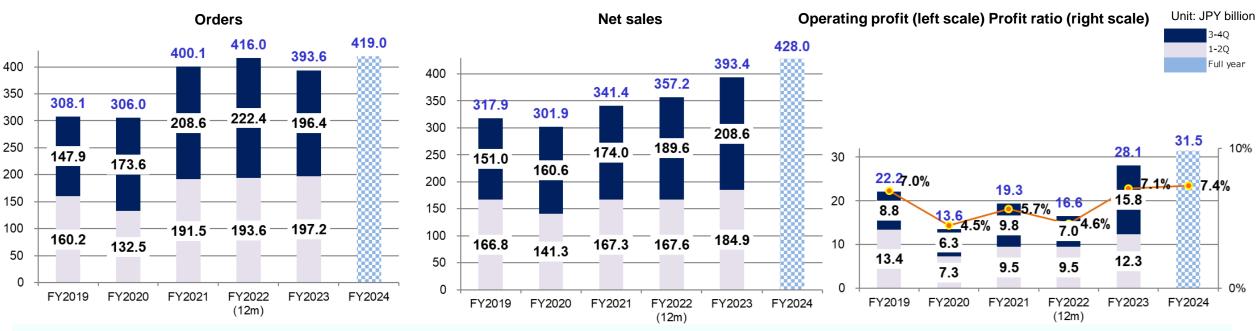
Ref.

FY2023:Orders for mobile cranes increased because demand was strong in North America. Sales were affected by production constraints but increased. Operating profit remained unchanged from the previous year due to a delay in implementing price pass-on measures. Orders for industrial cranes increased due to large-scale projects for port use. Both sales and operating profit decreased because of a reduction in projects that could be factored into sales in this fiscal year.

FY2024:Orders will decrease due to a reduction in large-scale projects for industrial cranes. Sales will increase because of the successful resolution of production constraints for mobile cranes in North America but operating profit will decrease.

		FY2023				FY2024		
	Unit: JPY billion	Actual FY2022	Forecast August 2023	Actual	Year-on- year change	Results of comparison with forecast August 2023	Forecast	Year-on- year change
	Hydraulic excavators	255.8	226.0	212.5	(43.2)	(13.5)	260.0	47.5
	Others	160.2	152.0	181.1	20.8	29.1	159.0	(22.1)
Or	ders	416.0	378.0	393.6	(22.4)	1 5.6	419.0	25.4
	Hydraulic excavators	211.4	249.0	242.4	31.0	(6.6)	271.0	28.6
	Others	145.8	144.0	151.0	5.2	7.0	157.0	6.0
Ne	t sales	357.2	393.0	393.4	36.3	0.4	428.0	34.6
Ор	perating profit	16.6	20.5	28.1	11.6	7.6	31.5	3.4
Оре	erating profit ratio (%)	4.6	5.2	7.2	2.5	1.9	7.4	0.2
Ba	cklog of orders	253.1		253.2	0.2			

Ref. Logistics & Construction



<Reference>

- Hydraulic	- Hydraulic excavators: demand by region/changes in sales (approximate numbers) *Only foreign capital									
Unit: 10,000 units (upper row)/ JPY billion (lower row)		North America	Europe	Asia (Excluding China)	China*	Japan	Others	Total		
FY2024	Demand (Forecast)	4.4	3.8	2.3	1.3	2.7	-			
FY2023	Demand	4.3	4.0	2.3	1.0	2.5	-			
	Net sales	80.8	24.2	28.3	6.1	86.0	16.9	242.4		
FY2022	Demand	4.2	4.3	2.6	2.2	2.6	-			
	Net sales	58.4	16.6	33.1	13.4	73.7	16.1	211.4		

- Industrial cranes: order mix by segment (approximate numbers)

	Electricity	Steel	Shipbuilding	Ports	Others	Total
FY2023	0%	20%	10%	60%	10%	100%
FY2022	20%	30%	30%	10%	10%	100%

- Mobile crane business: (Domestic) business performance (approximate numbers)

Unit: JPY billio	Actual FY2022	Actual FY2023	Forecast FY2024
Orders	45.0	45.0	40.0
Sales	41.0	43.0	45.0

Ref. Energy & Lifeline

FY2023:For the energy plant business, orders and sales decreased due to the postponement of large-scale projects for biomass-fueled power generation plants in Japan.

Operating profit was affected by a decline in sales but increased as the profitability deterioration of large-scale projects in Europe has been curbed.

For other businesses, orders, sales and operating profit all decreased partly because the general waste treatment business was transferred in the previous fiscal year.

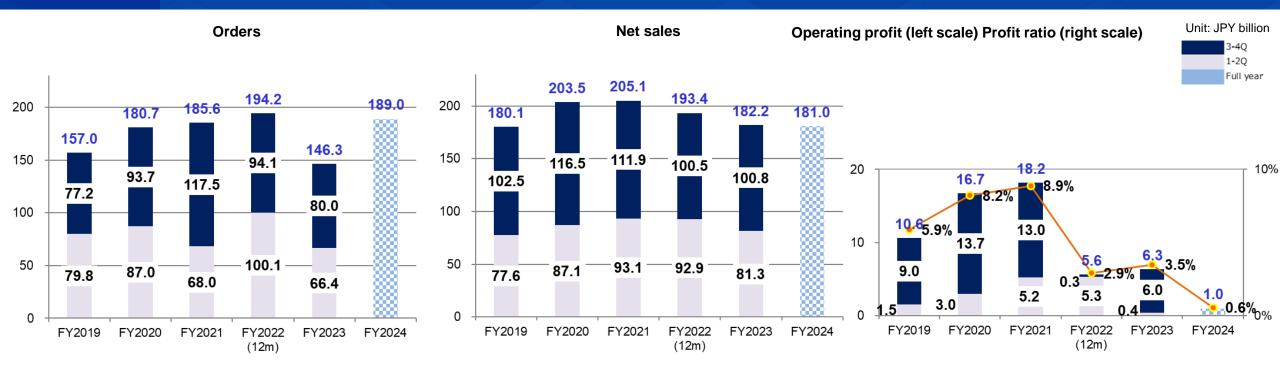
FY2024: The energy plant business will see an increase in orders because of projects carried over from the previous year for biomass-fueled power generation plants. Sales will decrease slightly and operating profit will decrease due to large-scale investments to commercialize the Liquid Air Energy Storage (LAES) system.

For other businesses, orders and sales will remain unchanged, but operating profit will improve.

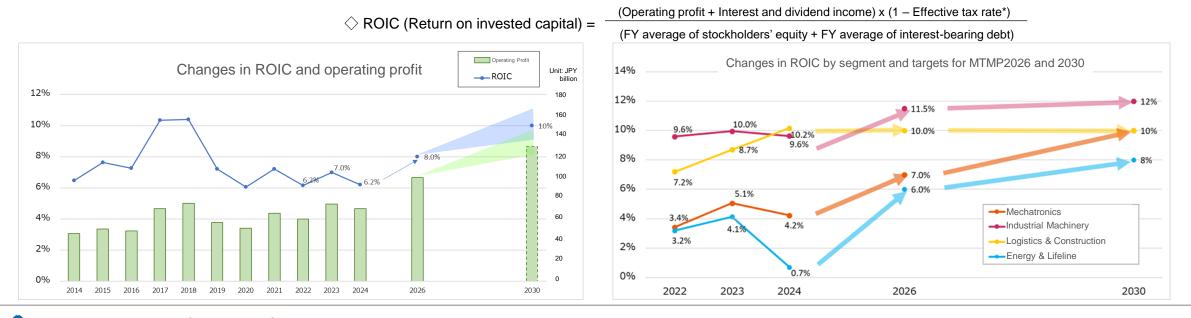
			FY202	FY2024			
Unit: JPY billion	Actual FY2022	Forecast August 2023	Actual	Year-on- year change	Results of comparison with forecast August 2023	Forecast	Year-on- year change
Orders	194.2	169.0	146.3	(47.9)	(22.7)	189.0	42.6
Net sales	193.4	178.0	182.2	(11.2)	4.2	180.9	(1.3)
Operating profit	5.6	6.5	6.3	0.7	(0.2)	1.0	(5.3)
Operating profit ratio (%)	2.9	3.6	3.5	0.6	(0.2)	0.6	(2.9)
Backlog of orders	262.3		226.5	(35.8)			

Energy & Lifeline

Ref.

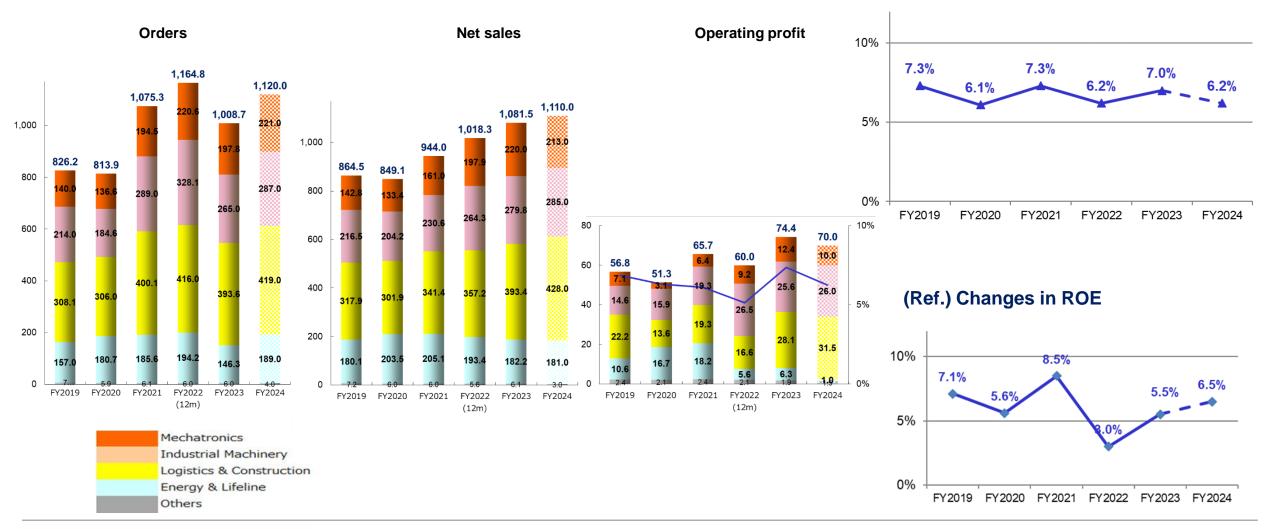


- In 1999, we adopted "return on invested capital (ROIC) as a management indicator.
- The foundation for our portfolio management is to improve corporate value by achieving profitability that continuously surpasses capital costs.
- We have achieved topline growth by making active investments in recent years. However, growth in profitability has not been commensurate with the increase in invested capital and as of now, ROIC does not sufficiently surpass WACC.
- Our goal is to ensure that by FY2030 the company-wide ROIC surpasses the WACC level desired by the market with a sufficient spread being secured and ROIC surpasses WACC in every segment. In doing so, we will strive to improve corporate value.
- Beginning in the Medium-Term Management Plan 2026, ROIC targets are set for each segment, management resources are allocated according to the condition of each segment, significant investments are made in growth business areas, and structural reformation is implemented in business areas for which business strategies need to be revised. Through these activities, we will improve ROIC.



Changes in Orders/Sales/Operating Profit Unit: JPY billion

Changes in ROIC



Ref.

100

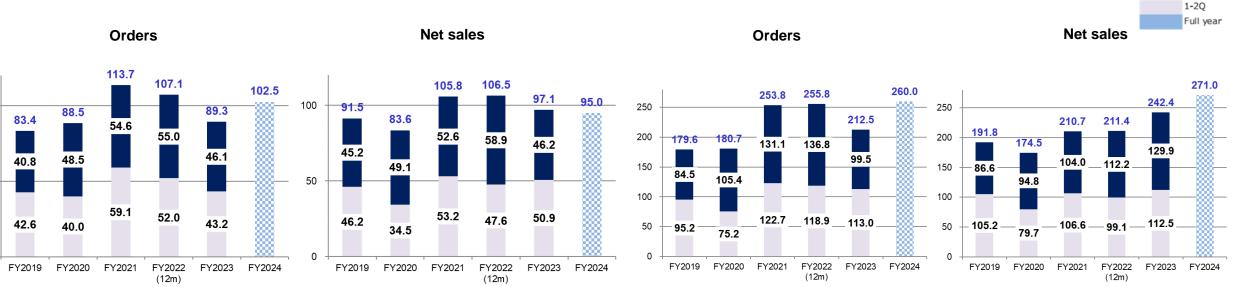
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Segment Breakdown (Plastics Machinery and Hydraulic Excavators)

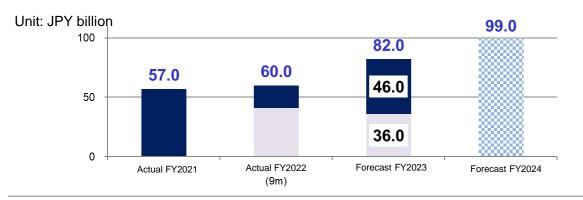
Sales of the Semiconductor-Related Product Business

Plastics machinery



Hydraulic excavators

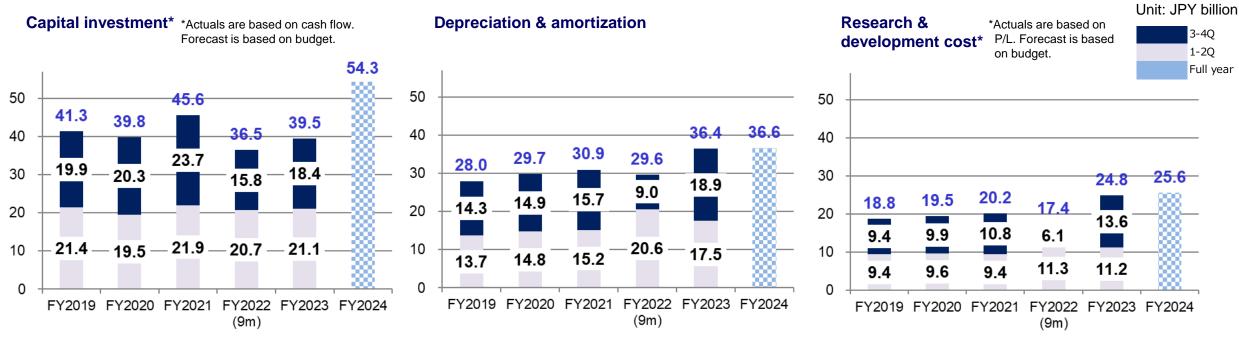
Total sales from semiconductor related businesses (approximate numbers)



Unit: JPY billion

2024/2/14

Capital Investment, Depreciation Cost, Research & Development Cost, Personnel, Forex Sensitivity



Personnel (as of end of each fiscal year)

Ref.

	Unit: persons	FY2020	FY2021	FY2022	FY2023
_	Consolidated total	24,050	24,584	25,211	25,303

Forex sensitivity (FY2024 forecast)

 Unit: JPY billion	Dollar	Euro	Total	
Effect of a 1-yen change on operating profit*	0.56	0.23	0.79	*Assumed exchange rates for FY2024 are JPY135 per US dollar and JPY148 per euro

Evenence retex IDV120 per US deller	Actual FY2023 (2023.1-2023.12)										
<exchange dollar="" jpy139="" per="" rate:="" us=""> Unit: JPY billion</exchange>	North America	Europe	Asia (Excluding China)	China	Others	Overseas total	Japan	Total sales			
Mechatronics	44.2	52.1	21.3	15.8	18.4	151.8	68.3	220.0			
(plastics machinery)	11.2	27.6	13.7	22.9	6.1	81.5	15.6	97.1			
Industrial Machinery	27.9	43.7	43.7	62.3	6.5	184.2	95.7	279.8			
(hydraulic excavators)	80.8	24.2	28.3	6.1	16.9	156.4	86.0	242.4			
Logistics & Construction	151.9	26.2	36.1	6.4	18.7	239.3	154.1	393.4			
Energy & Lifeline	15.9	35.9	19.7	1.8	8.5	81.7	100.4	182.2			
Others	-	-	-	0.0	-	0	6.1	6.1			
Total / Sales ratio (%)	239.9 22	157.9 15	120.8 11	86.3 8	52.1 5	657.0 61	424.6 ³⁹	1,081.5			
<exchange dollar="" jpy133="" per="" rate:="" us=""></exchange>	(After adjustment) Actual FY2022 (2022.1-2022.12)										
Unit: JPY billion	North America	Europe	Asia (Excluding China)	China	Others	Overseas total	Japan	Total sales			
Mechatronics	43.3	43.5	18.2	18.0	13.6	136.6	61.3	197.9			
(plastics machinery)	12.7	28.1	16.1	28.4	5.2	90.5	16.0	106.5			
Industrial Machinery	25.9	40.3	38.3	59.6	6.0	170.1	94.2	264.3			
(hydraulic excavators)	58.4	16.6	33.1	13.4	16.1	137.6	73.7	211.4			
Logistics & Construction	121.6	18.7	38.8	13.6	17.9	210.6	146.6	357.2			
Energy & Lifeline	14.2	19.5	22.6	1.6	22.0	79.9	113.5	193.4			
Others	-	-	-	0.0	-	0	5.5	5.6			
Total / Sales ratio (%)	205.0 20	122.1 12	117.9 12	92.7 9	59.4 6	597.1 59	421.1 41	1,018.3			



All forward-looking statements regarding the company's future performance are based on information currently available to Sumitomo Heavy Industries and determined subjectively. Future performance is not guaranteed and all information related to future performance contained herein is subject to changes in business environments.