



# FUJI CORPORATION Mid-term business plan (FY2022 to 2024)

## Contents

- 4 1. Management philosophy
- 2. Brief and policies
- 3. Business strategy
- 4. Targets



- 4 1. Management philosophy
- 2. Brief and policies
- 3. Business strategy
- 4. Targets



## FUJI's management philosophy



We carry out environmentally-conscious corporate activities, recognizing that the protection of the Earth's environment is an issue for all of humanity.

All operations are undertaken in compliance with the applicable laws, social norms, Articles of Incorporation, and office regulations.

By continuously developing technology and improving quality, we provide products and services that contribute to the creation of a more convenient and comfortable society.



We seek to develop new business fields for the future through global and innovative management. We have created a friendly work environment that respects individuals and fosters strong teamwork.



## Management philosophy system and mid-term business plan

innovative spirit

Management philosophy

Corporate message

**Corporate** vision

Our vision is to establish ourselves as the leading brand in each industry through innovations in production and sales and development of next generation type products while being at the forefront of the Digital Revolution.

FUJI's mid-term business plan (FY2022 to 2024)



## FUJI's goals

## The No.1 brand in the industry

**Develop new business** 

**Increase corporate value** 

**Grow existing business** 

**Business** strategy

**Development strategy** 

Capital strategy

Digital transformation strategy Intellectual property strategy



- 4 1. Management philosophy
- 2. Brief and policies
- 3. Business strategy
- 4. Targets



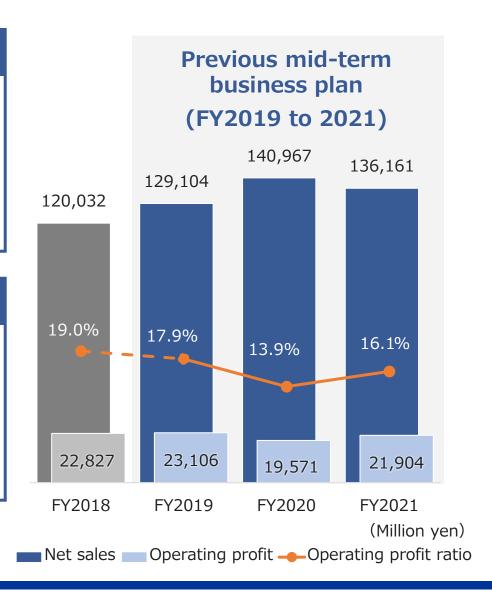
## Previous mid-term business plan brief

#### **Net sales**

- Fasford Technology became a consolidated subsidiary in the second half of FY2019.
- Despite the external factors caused by the situation surrounding COVID-19 and trade friction between the United States and China, we achieved an increase in sales of 13% in the final year (FY2021) compared to FY2018.

#### **Operating profit**

 Due to the intensification of price competition, profit growth did not keep pace with sales growth.

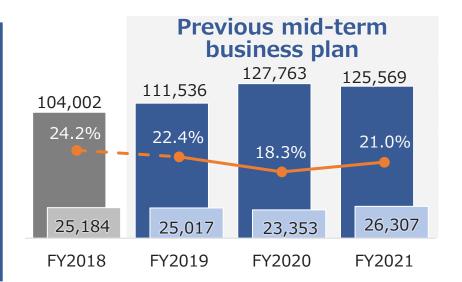




## Previous mid-term business plan brief

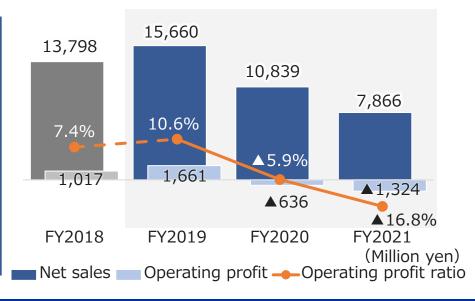
#### **Robotic Solutions Division**

 Although sales showed steady growth due to the consolidation of Fasford Technology Co., Ltd., expansion of 5G-related investment, and an increase in demand for computers and tablet devices driven by changes in lifestyles such as working from home, profit margins were slimmer due to intensified price competition.



#### **Machine Tools Division**

 Due to the impact of trade friction between the United States and China, and the global spread of COVID-19, sales decreased significantly. As a result, the company recorded operating losses in FY2020 and FY2021.





## Previous mid-term business plan brief

#### **Product development**

- Began sales of our high-end robotic electrical component mounter, "NXTR"
- Announced the Ultimate Multitasking Machine "GYROFLEX"
- · Began operation of the new "e-Sys" platform for SIer use
- · Began a contract prototyping service using the 3D electronics printer "FPM-Trinity"
  - ➤ Received the "Semiconductor of the Year 2020" Award of Excellence
- Began sales of the "Hug" T1-02 model in our series of mobility support robots
  - ➤ Won the 9th Robot Awards in the category awarded by Japan's Ministry of Health, Labour and Welfare (MHLW)

#### **Investment for growth**

- Fasford Technology became a subsidiary company
- Established a subsidiary company for providing service in India (FUJI INDIA CORPORATION)
- Built new plant buildings at Toyota Plant and Okazaki Plant
- Invested in startups in the United States



#### **SDGs**

- Donated 200 million yen to Nagoya University
- Became a "Health and Productivity" company (from 2020 onward)
- · Invested in social bonds





## New mid-term business plan policies

Advance business strategies through digital transformation (DX)

**Business development in line with the SDGs** 

Develop the market awareness of flagship machines

**Pursue improvements in cost** 

Promote health and productivity in the workplace

Each is a step closer to becoming a company with sales of 200 billion yen

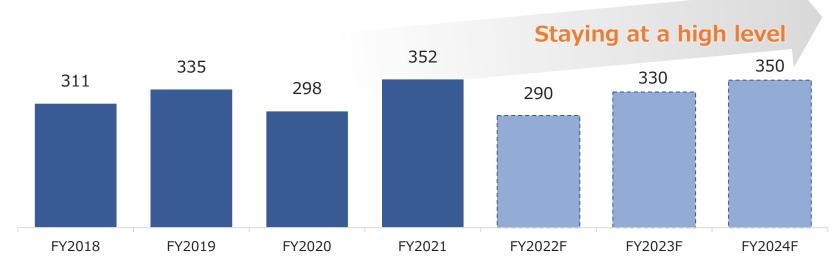


- 4 1. Management philosophy
- 2. Brief and policies
- 3. Business strategy
- 4. Targets



**Market environment** 

Electric component mounting robot market size (Billion yen)



Source: Fuji's own estimates based on Market Data Convention (MDC) resources and other data

#### **Expectations**

- Increased demand for digital products as digital transformation is accelerated
- Acceleration of CASE technologies in the automotive field and increased demand for electric vehicles
- Increase in the quantity of electronic components needing to be placed due to the higher functionality of smartphones

#### **Risks**

- Economic slowdown due to prolonged impact of the COVID-19 pandemic
- The global shortage of semiconductors
- Shrinking demand due to intensifying trade friction between the United States and China



#### **Strategy**

Develop the market awareness of flagship machines





Three zeros concept –

Zero placement defects

Zero machine operators

Zero machine stops

- Inheriting concepts from the NXT series, this high-end model pursues even higher quality and efficiency in SMT placement
- Makes unmanned SMT lines a possibility through zero placement defects, zero machine operators, and zero machine stops

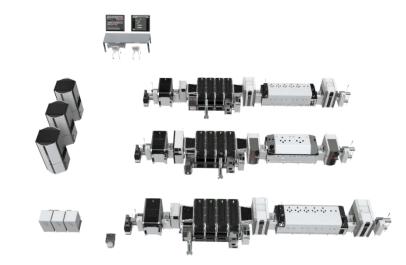
Expanding market share with a product lineup that can meet every need



#### **Strategy**

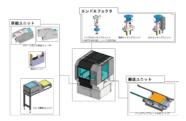
## Promoting digital transformation and automation

- **♦**Sales
- · Increase the use of E-commerce sites
- **◆** Development
- Take strong steps toward the realization of unmanned factories
- **◆**Production
- Improve the efficiency of manufacturing through automation using AGVs and other robots
- Production schedule management through digital transformation









Pursue greater efficiency in order to gain higher profit margins



#### Strategy

#### Offering total solutions

- **♦**Products
- Continuously provide high value-added products to the market
- Solution-based development in SMT process areas, to deliver products that excite and inspire our customers
- ◆Services and software
- Provision of services that utilize digital technology
- Evolution of the Integrated Production System Nexim
- Greater output through factory diagnosis of customer sites

With alliance and M&A activities







**Advancement of FUJI Smart Factory** 



#### **Strategy**

**Expansion of sales for products other than electric component mounting robots** 



- Responds to the need for automation of processes before and after the SMT process
- Expanded product lineups and stronger ties with SIers



- Reduce the load on caregivers at the time of care
- Strengthen global sales structure



- The bonding strength of adhesive and coating is improved through plasma irradiation
- Drive sales expansion in the Chinese market



- Next-generation locker systems that are enabled through IoT
- The market is expanding due to the growing need for non-contact pickup at stores in addition to home delivery



#### Strategy

Synergistic innovation with Fasford Technology Co., Ltd.

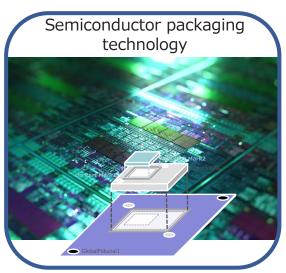






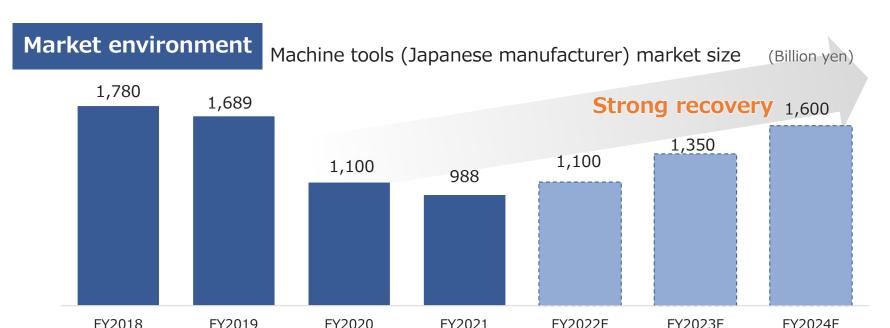






Combining the strengths of both companies to bring highly competitive products to the market





Source: Fuji's own estimates based on statistical data from the Japan Machine Tool Builders' Association

#### **Expectations**

- Strong recovery in demand for capital investment, especially in China
- Even greater demand for automation in response to rising labor costs and other factors
- Growth of new fields including EVs

#### **Risks**

- Slow recovery due to prolonged impact of the COVID-19 pandemic
- Geopolitical risks, including the tensions between the Unites States and China
- Scales back production in the automotive industry due to the global shortage of semiconductors



#### Strategy

**Variable-mix variable-volume solutions** 

**◆**Expansion of product lineup

Variable-mix
variable-volume
/Mass production

x
Automation

Mass production ×
Automation

**Existing** 

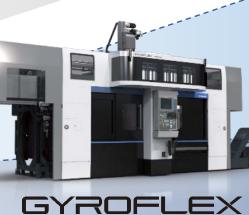
users that

perform

mass

production





New users that perform variable-mix variablevolume production

Existing users shifting to variable-mix variable-volume production

Existing users that perform mass production

**♦** Solutions utilizing core Fuji technology





In-house chuck manufacturing technology

innovative spirit

#### **Strategy**



- Cooperation between Japan (Toyota Plant), China (Kunshan Fuji), and the United States (Fuji Machine America) ⇒Strengthen turnkey business
- · Accelerate the use of trading companies in Japan, Asia and Europe
- · Strengthening of production structure at Fuji's factory in China (Kunshan Fuji)

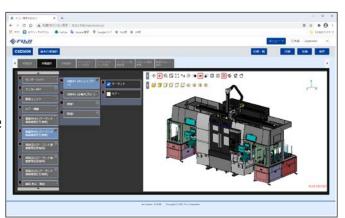
Strengthen the ability to provide solutions

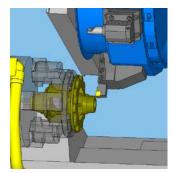


#### **Strategy**

#### **Digital transformation**

- ◆Digital transformation of sales
- Push for more specification reviews and quotation online
- Accelerate business with trading companies and agents by utilizing the internet
- ◆ Digital transformation of turnkey solutions
- Attain a higher level in process simulation through digital twin
- Promote system simulation in a virtual space







## Expanding sales channels and markets by employing digital tools



## Creation of next-generation business

#### **Electronics 3D Printer**

Product development with next-stage SMT in mind



#### **Logistics automation**



Contributing to the automation of logistics by combining "robot technology" with "open innovation"

#### SIer support platform



Promoting the introduction of automation equipment for manufacturing sites



## Ultrasound-guided operation system

Joint development with Asahi Intecc

New technology and new business to carry Fuji a decade from now



## Capital strategy

Achieve both strategic growth investment and shareholder returns with a stable financial structure









Strategic growth investment (Capital expenditures, M&A)



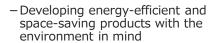
## Business development in line with the SDGs











- -Operating energy efficient factories that contribute to the reduction of CO<sub>2</sub> emissions
- Driving green procurement









- Gender and nationality do not factor into employment selection
- For an equal society Acquired certification as an "Aichi Company for the Promotion of Women"

**Environmental** activities

(gender and

diversity)

Work reform and health promotion for employees



Contributing to social development through technological innovation





- Establishment of the group behavior charter and spreading of those principles to all staff within group companies
- Forming healthy partnerships with trade partners

Governance

**Working with** the community and education







- Health and Productivity company selection
- Personnel system and training that allows employees to exhibit their abilities











- Contributing to automation through the development of robotic electrical component mounters and machine tools
- Pioneering new business with products that utilize the strengths of Fuji's existing technology, such as mobility support robots, delivery locker systems, and atmospheric plasma devices









- Running the after school English program, Teracoya THANK, where children learn science through English
- Actively participating in local public events



## Promote health and productivity in the workplace

We will strive to do what it takes to be selected as a White 500 company, Health and Productivity



- **♦** Sustainable growth and development
- **◆Improved business performance**
- ♦ Increased corporate value



Benefits to the company and society

- · Improved employee health
- Energized organization
- Increased vitality
- Improved productivity
- Retain first-class talent

- · Improved quality of life
- Reduced medical expenses

**Health and Productivity activities** 



Health activities Fuji health and productivity declaration

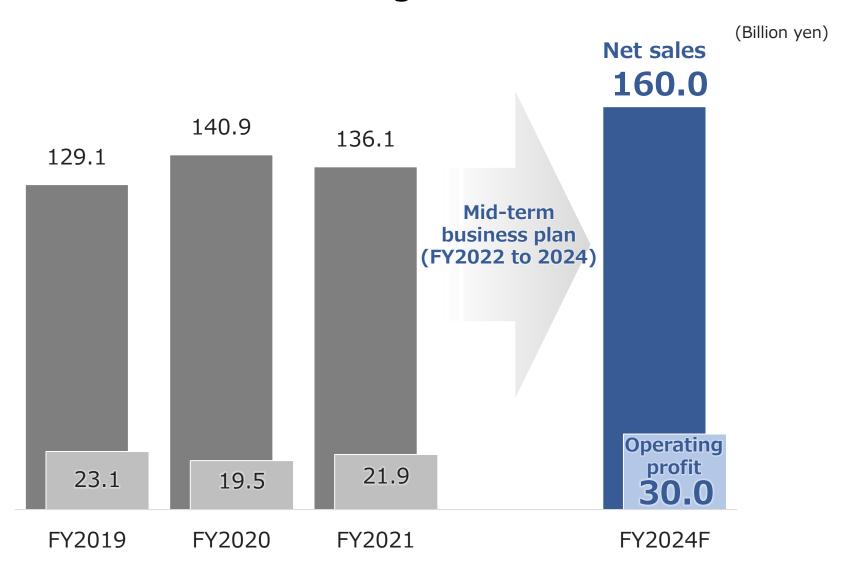
- 1. Prevention of health problems and early detection of abnormalities
- 2. Lifestyle disease preventive measures
- 3. Prevention and improvement of mental health issues
- 4. Anti-smoking campaign
- 5. Protection against infectious diseases
- 6. Measures to prevent overwork



- 4 1. Management philosophy
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## **Targets**





## Targets by segments

(Million yen)

		FY2019	FY2020	FY2021	FY2024F
Robotic Solutions	Net sales	111,536	127,763	125,569	140,000
	Operating profit	25,017	23,353	26,307	31,000
Machine Tools	Net sales	15,660	10,839	7,866	16,000
	Operating profit	1,661	<b>▲</b> 636	<b>▲</b> 1,324	1,800
Others	Net sales	1,907	2,364	2,725	4,000
	Operating profit	<b>▲</b> 88	▲0	▲3	400
Total	Net sales	129,104	140,967	136,161	160,000
	Operating profit	23,106	19,571	21,904	30,000



## **Targets**

	FY2019	FY2020	FY2021	FY2024F
Return on equity	10.8%	9.1%	9.5%	More than 10%
Dividends per share(Yen) (Dividend payout ratio)	50 (27.1%)	50 (30.5%)	50 (27.1%)	Stable 30%
R&D investment(Billion yen)	7.9	8.8	9.0	10.0





#### Important Note About This Document

When we were preparing this material, we were careful to ensure accuracy, but we do not guarantee completeness. We accept no liability whatsoever for problems or damages that may arise as a result of the information in this document.

Performance forecasts and future predictions in this document are the results of estimates based on the information available at the time of the preparation of this document, and therefore include an element of risk and uncertainty. As a result, due to various factors such as changes in the business environment, actual results may differ significantly from the forecasts, outlook, and forward-looking statements mentioned or described.

