# Second quarter for fiscal year ending March 2019 Materials for Financial Result Briefing

### **FUJI CORPORATION**



### Contents

- Company overview
- Financial summary
- Financial forecast for FY2019
- Reference information



## Company overview



### **About FUJI**

Established: April 7, 1959

Capital: 5.878 billion yen (March 2018)

Employees: 2,229 (March 2018)

Sales: 120 billion yen (March 2018)

Operating profit: 22.8 billion yen (March 2018)

Ordinary profit: 23.5 billion yen (March 2018)

Main products: Electronic component mounter

robots, machine tools

International locations: United States, Germany,

China, Brazil, etc



Headquarters (Chiryu city, Aichi prefecture)

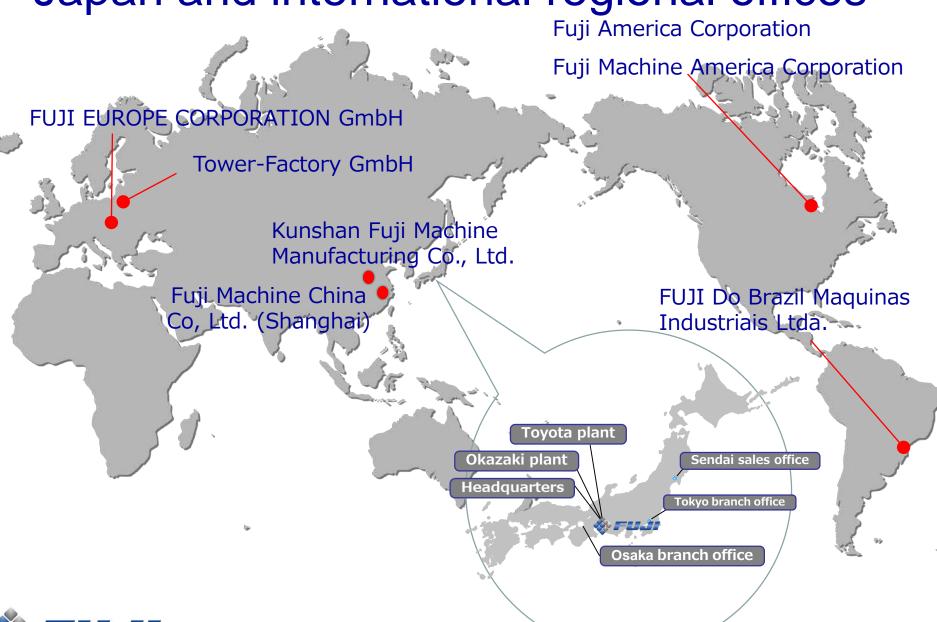


### History

	<u> </u>
1959	Fuji Machine Manufacturing Co., Ltd. was established in the Nakagawa ward of Nagoya city
1970	Founded Fuji America Corporation in United States. (Currently a consolidated subsidiary)
1971	Developed NC automatic lathes
1978	Developed the automatic electric part insertion machine – BA
2003	Developed the Fuji Scalable Placement Platform – NXT
2008	Developed the Ultra High Density Atmospheric Pressure Plasma Unit - Tough Plasma
2013	Stock listed on the First Section of the Tokyo Stock Exchange
2013	Developed the modular production equipment - DLFn ("Dolphin") lathe module
2014	Opened a new factory in Kunshan, China
	Developed the Public Stocker System – Quist
2016	Developed the Mobility Support Robot - Hug T1
	Opened the complex "THANK"
2017	Developed the Compact Multijoint Robot – SmartWing
2018	Changed the company name from Fuji Machine Manufacturing Co., Ltd. to FUJI CORPORATION Made Fasford Technology Co., Ltd. formalized as a consolidated subsidiary



### Japan and international regional offices



### **Robotic Solutions Division**











Plasma related





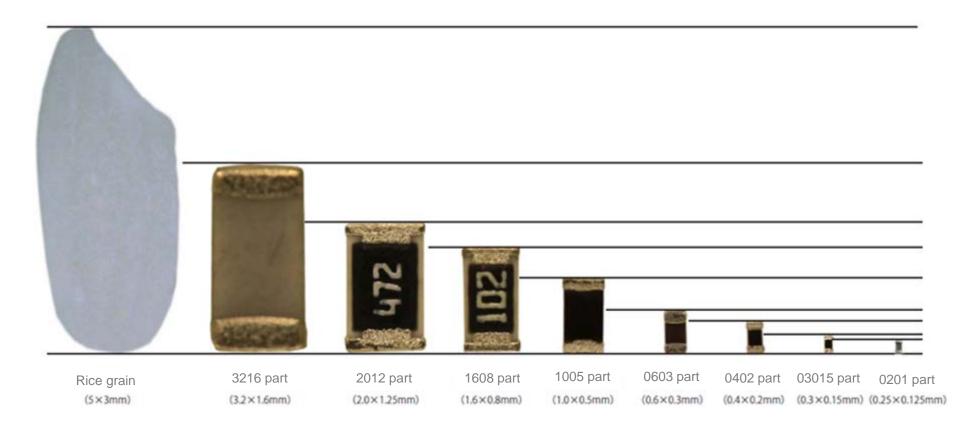






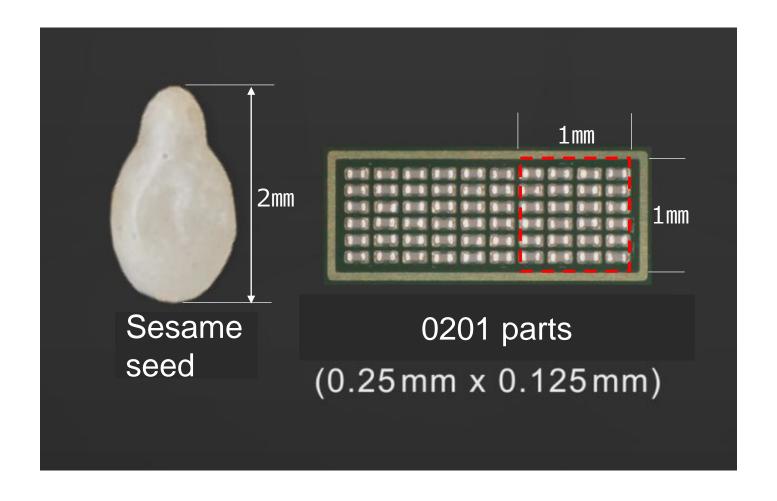


### The size of electronic parts to be placed will continue to become smaller



The size of main parts in smartphones will be 0402





Can place 24 0201 mm (008004") parts in approximately 2 seconds in a 1  $\times$  1 mm area (part gap: 0.05 mm)



### This advanced plasma technology changes manufacturing

Ultra High Density Atmospheric Pressure Plasma Unit

## Tough Plasma

Processing before connecting different materials such as those for automotive, aerospace, and medical fields



## Compact multijoint robot Smart Wing

- A vision system is equipped as standard.
- By incorporating coordinate correction technology and vision data into the operation of the robot itself, teaching work is not required. This reduces the set up time that would be expected when using conventional robots by approximately 40% (comparison based on FUJI data).
- The robot is also easy to operate using pre-registered building blocks that make up the "what" and "where" sections of the program that designates how the robot will operate.





Nikkan Kogyo Shimbun Won the Review Committee Special Award in the 48th Machine Design Awards



## Mobility Support Robot Hud



### Mobility support robot for caregiving at homes, Hug L1



- Concept: Caregiving robot that is easy to use by anyone at anytime
- Sales model: Rental (possible to buy)
- Differences from Hug T1 designed for caregiving facilities
  - ①Small size and lightweight to match home environments
  - 2) Offer in a price range affordable by home users
  - 3 Simple operation with just two buttons
- Exhibition dates: November 12 to 15, 2018

MEDICA (Germany, Dusseldorf)

October 13, 2018 to February 23, 2019

Caregiving robot forum (15 locations in Japan)

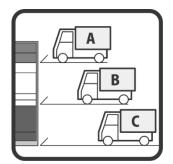
Acquired codes: TAIS code

(for lending equipment for social services)



### Public stocker system

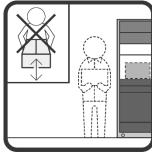
# Quist



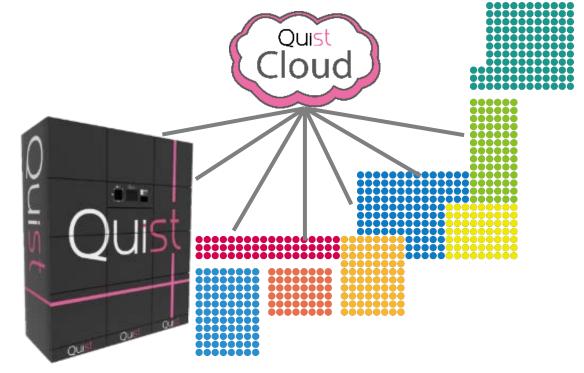
Multi-carrier



Multi-user



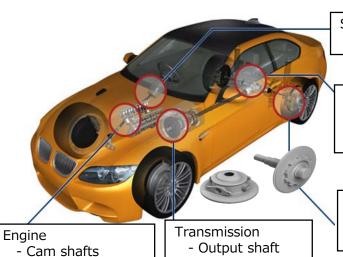
No operators



- Can be linked to systems from two major logistic carriers
- Participates in the CO2 emission reduction (redelivery reduction) project from Ministry of the Environment
- Industry top level dust and water protection (IP54)
- Future exhibitions
   February 13 to 15, 2019, Office Service EXPO (Nagoya)
   March 5 to 8, 2019, RETAILTECH (Tokyo)



### Machine Tools Division



Steering

- Pinion steering shaft

#### Power train

- Pinion gears
- Drive pinion
- Differential case

#### Axle

- Hubs
- Brake disks





#### Modular Production Equipment









- Sheave (CVT)







- Bearing housings

### **CSR**













## Financial summary



### Financial points

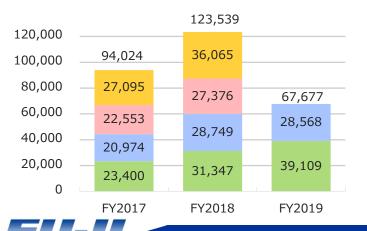
- Due to the influence of US-China trade conflict, there appears to be a slowdown in growth in China, but capital investment in the manufacturing industry globally is steady.
- The Robotic Solutions Division has seen a cautious stance on capital investment in the communication related equipment market, but the automotive, server, and network related markets are strong.
- For the Machine Tools Division, orders and sales in China have remained steady while a spike in sales in North America have contributed to the final result.



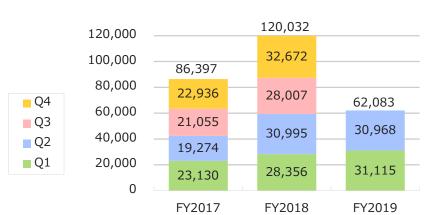
### Results for the second quarter compared to 2018

(Million yen)

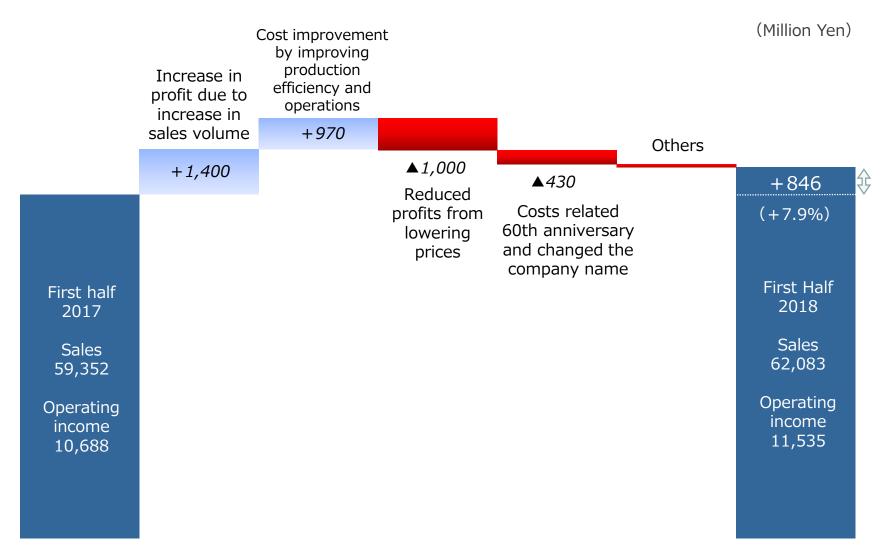
	First half of FY2018	First half of FY2019	Compared to the same period last year		
	results	results	Amount	Ratio	
Orders	60,097	67,677	+7,580	+12.6%	
Sales	59,352	62,083	+2,731	+4.6%	
Operating profit	10,688	11,535	+846	+7.9%	
Ordinary profit	11,196	11,982	+785	+7.0%	
Net profit for the period	7,884	8,670	+785	+10.0%	
ders		Sales			



innovative spirit



### Operating Income Increase/Decrease Analysis



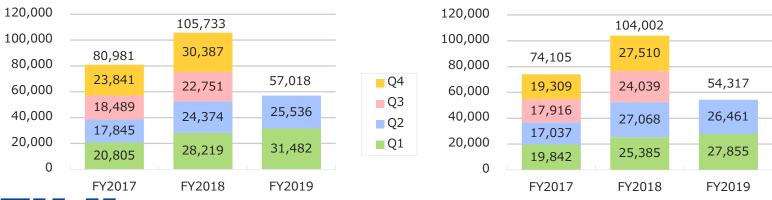


### Robotic Solutions Division results

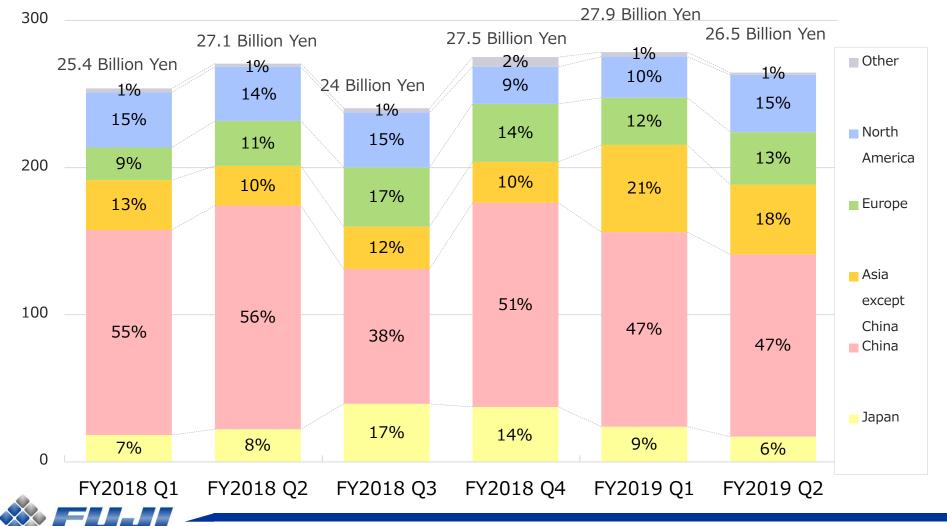
(Million yen)

	First half of FY2018	First half of FY2019	Compared to the same period last year		
	results	results	Amount	Ratio	
Orders	52,594	57,018	+4,424	+8.4%	
Sales	52,453	54,317	+1,863	+3.6%	
Operating profit	12,352	13,103	+751	+6.1%	
Order backlog	16,328	27,320	+10,992	+67.3%	

Orders Sales

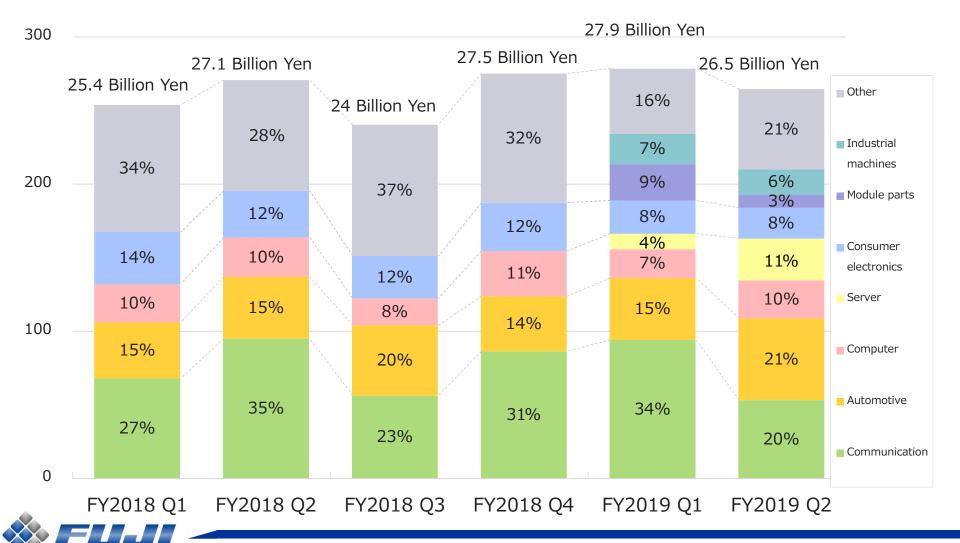


# Robotic Solutions Division Sales trends by region



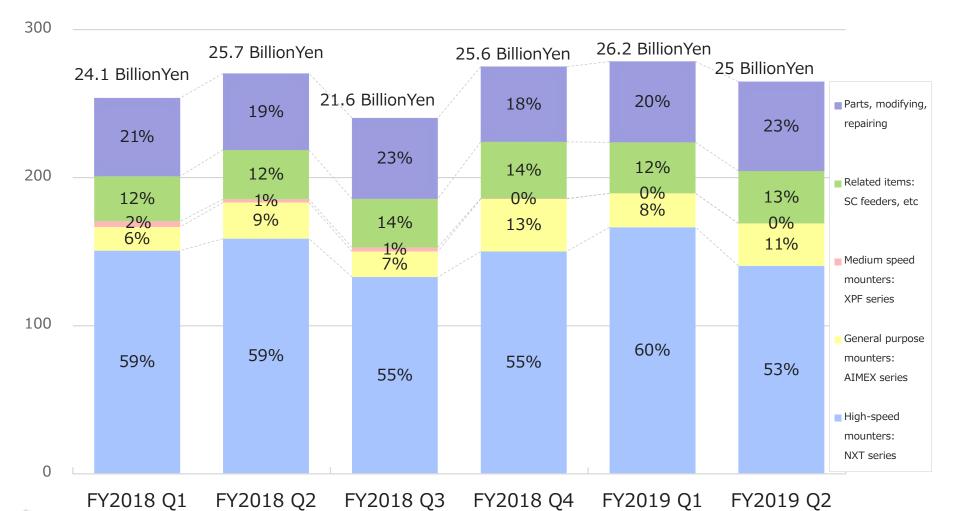
innovative spirit

# Robotic Solutions Division Sales by sector



innovative spirit

# Robotic Solutions Division Sales trends by machine type

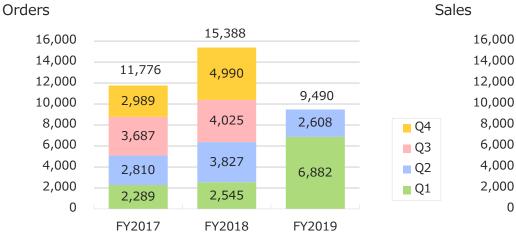


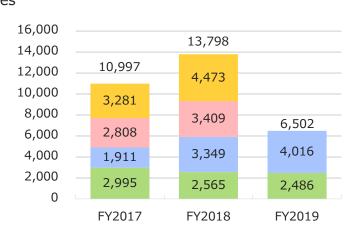


### Machine Tools Division results

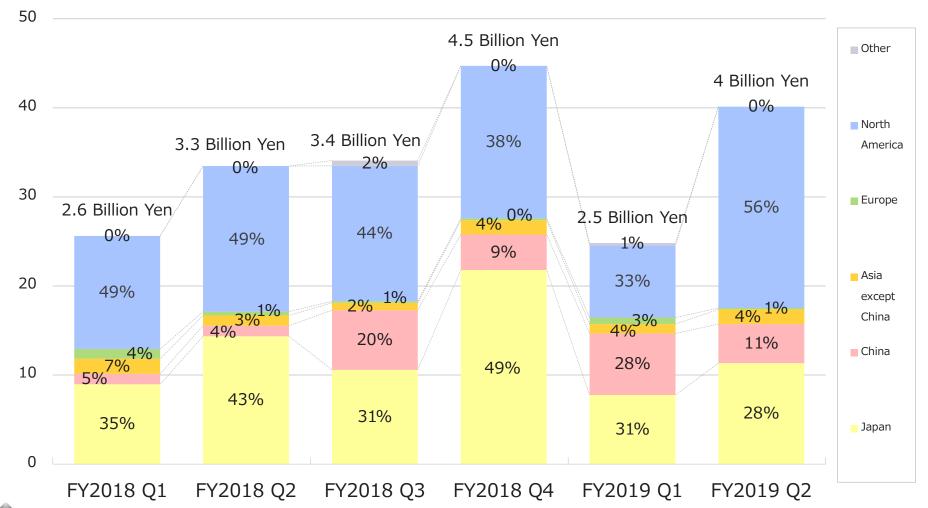
(Million yen)

	First half of FY2018	First half of FY2019	Compared to the same period last year		
	results	results	Amount	Ratio	
Orders	6,372	9,490	+3,118	+48.9%	
Sales	5,915	6,502	+587	+9.9%	
Operating profit	53	388	+334	+620.9%	
Order backlog	8,111	12,232	+4,121	+50.8%	

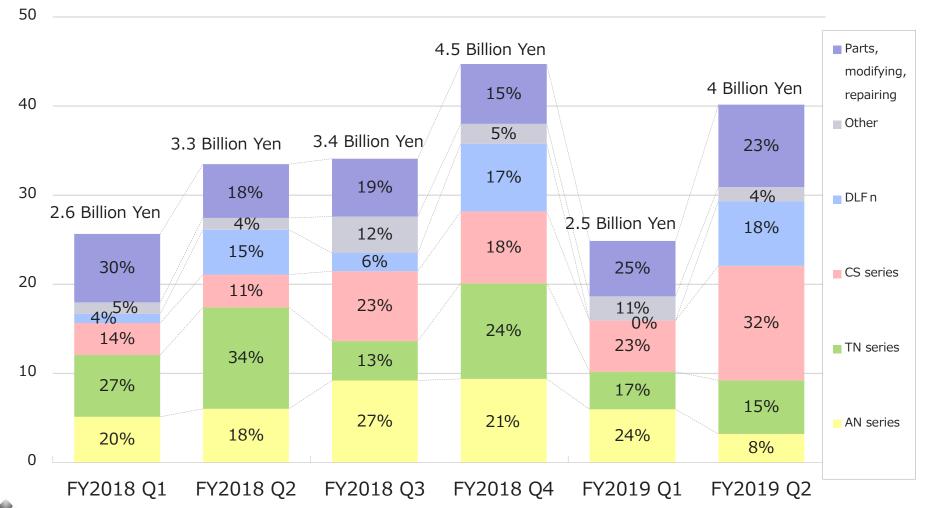




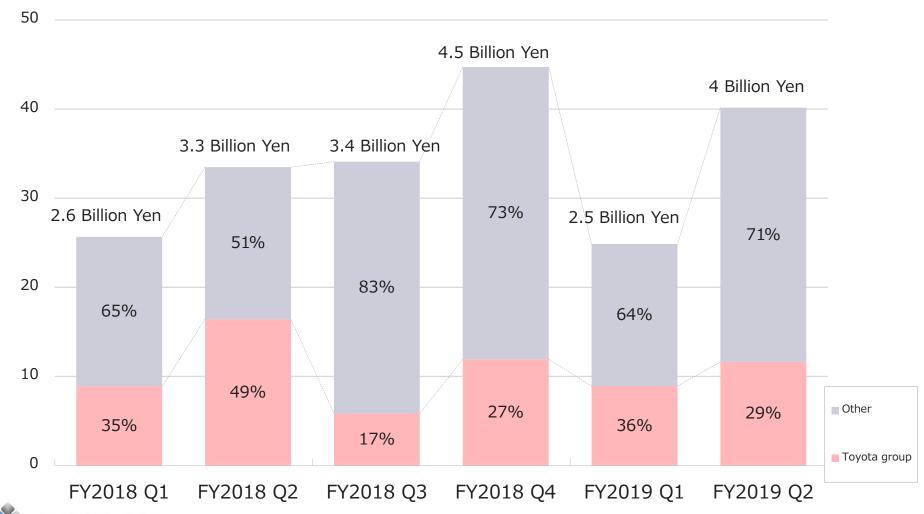
# Machine Tools Division Sales trends by region



# Machine Tools Division Sales trends by machine type



# Machine Tools Division Sales Trends to Toyota group



### Financial forecast for FY2019



### Consolidated results forecasts

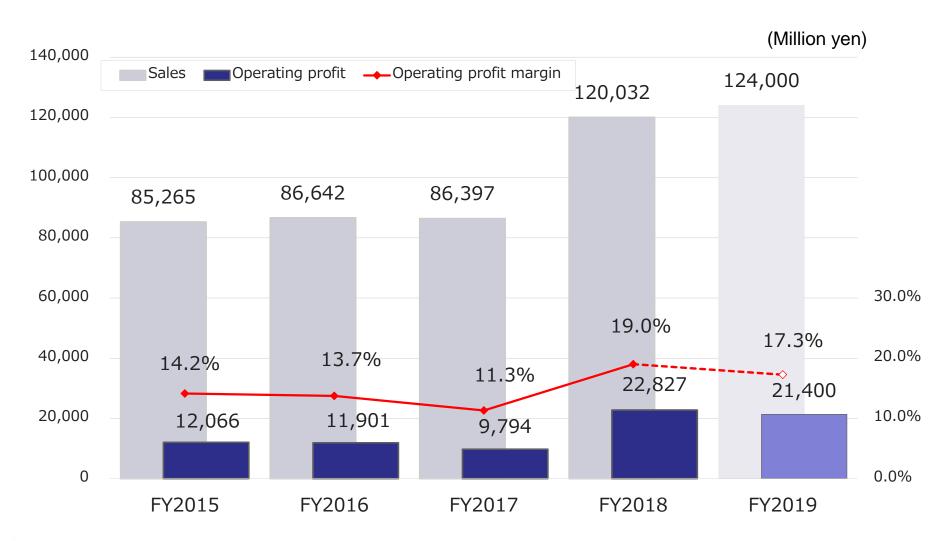
· Changes from forecast released May 10, 2018

(Million yen)

	<b>T</b> . (2.2.)	Forecast for FY2019						
	FY2018 financial results	Forecast released May	Current forecast	Compared period la	Compared to previously released forecast			
		10, 2018		Amount	Ratio	Amount		
Orders	123,539	124,000	125,000	+1,460	+1.2%	+1,000		
Sales	120,032	122,000	124,000	+3,967	+3.3%	+2,000		
Operating profit	22,827	23,000	21,400	<b>▲</b> 1,427	<b>▲</b> 6.3%	<b>▲</b> 1,600		
Operating profit margin	19.0%	18.9%	17.3%	-	-	-		
Ordinary profit	23,538	23,600	22,000	<b>▲</b> 1,538	<b>▲</b> 6.5%	<b>▲</b> 1,600		
Net profit for the period	17,523	16,800	15,800	<b>▲</b> 1,723	▲9.8%	<b>▲</b> 1,000		



### Consolidated sales and operating profit





### Forecast of orders and sales for main segments

Changes from forecast released May 10, 2018

(Million yen)

			Forecast for FY2019					
		FY2018 financial results	Forecast released May 10, 2018	Current forecast	Compared to same period last year		Compared to previously released forecast	
					Amount	Ratio	Amount	
Robotic Solutions	Orders	105,733	106,000	108,000	+2,266	+2.1%	+2,000	
	Sales	104,002	105,000	108,000	+3,997	+1.0%	+3,000	
	Order backlog	24,619	25,619	24,619	±0	-	△1,000	
Machine Tools	Orders	15,388	15,000	15,000	▲388	<b>▲</b> 2.5%	±0	
	Sales	13,798	14,000	14,000	+202	+1.5%	±0	
	Order backlog	9,244	10,244	10,244	+1,000	+10.8%	±0	

Note: For the order backlog for the Robotic Solutions Division from this second quarter consolidated accounting period, we have retroactively corrected backlog orders received for Fasford Technology Co., Ltd., from the full-year results for the fiscal year ending March 31, 2018 when Fasford Technology Co., Ltd., started to be included as a subsidiary of the company.

# Net income per shares for the current period and dividend per share

(Yen) Dividend Net Income per share 240 195.04 200 172.97 160 120 88.27 76.19 74.13 80 13.75 50 40 16 30 28 28 27.6 40 26.52 0 12.4-13.3 13.4-14.3 14.4-15.3 15.4-16.3 16.4-17.3 17.4-18.3 18.4-19.3F Regular Dividend 40.00 Regular Dividend 24.00 Regular Dividend 24.00 Commemorative dividend 10.00 Commemorative dividend 4.00 Commemorative dividend 4.00 16.4-17.3 12.4-13.3 13.4-14.3 14.4-15.3 15.4-16.3 17.4-18.3 18.4-19.3F 60.3% 31.7% 28.9% 49.8% 37.8% 39.4% 20.5% **Payout Ratio** (45.2%)(27.2%)(23.1%)

Note: On January 1, 2013 a stock split of 2 for 1 ordinary shares was executed.

Calculated supposing this stock split was performed at the beginning of the FY ending 2013 March.



() Payout ratio for regular dividend

## Reference information



### Robotic Solutions Division Strategies

Slogan: FUJI Brand 30

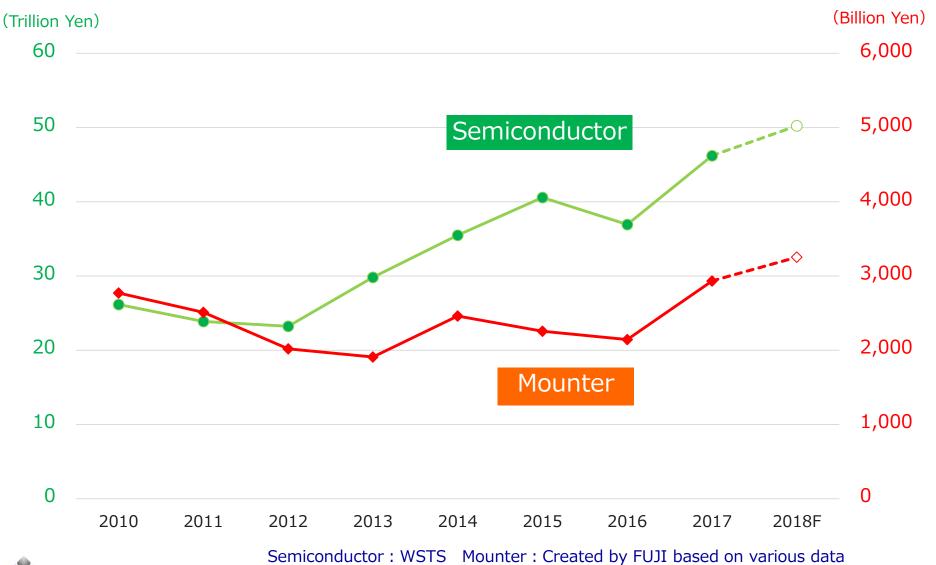
Business vision: Maintain a 30% share in the mounter market

### Division strategies:

- Establish the FUJI brand
- Enhance FUJI brand products
  - -Develop new products and Smart Factory with high quality products-
- Improve customer satisfaction
- Next generation manufacturing innovation



# Comparison of demand for mounter and semiconductor





## Smart factory concept



Entire line progress, operation, quality monitoring, and analysis



#### Parts Storage



**N**EXim



Reflow

AOI

Printer feedback control

Mounter feedback control

Automatic changeover for entire lines



### Expanding FUJI SMT network





### Synergy with Fasford Technology Co., Ltd.

By linking the technology cultivated from FUJI's own technology with semi-conductor technology, we will create new products with a high value in both markets and establish new field of businesses.



Semiconductor manufacturing machine manufacturer

**FASFORD** TECHNOLOGY





Develop next generation technology for semiconductor and surface mount fields





Semiconductor

mounting\_robots

Electronic component

mounting robots

quality for products from both companies

Further improve





For memory, logic controllers



Flip chip support







### Machine Tools Division Strategies

Slogan: Obtain complete profitability

Create a structure that is consistently profitable

Business vision: Develop an ecosystem using the three-by-three concept.

Effective use the mutual resources of three locations (Toyota factory, Kunshan Fuji, Fuji Machine America) and their three functions (sales, engineering, production) to make a system that improves business value.

### Division strategies:

- Expand sales and improve sales area ratios
- Develop products linked to a sales strategy
- Improve productivity by standardizing and using IoT
- Number one user quality assurance system



## The Growth Strategy

World-leading Robot Manufacturer



Commercialization

Creating new value with robotics

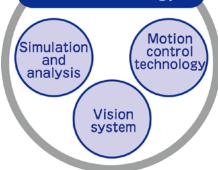


Robotic Solutions (robotic mounters)



Semiconductor manufacturing equipment

#### Core technology



Machine Tools (incl.robotic material handling)



#### Effective use of resources and speedy management

- · Strengthen Sales Capacity · Research and Development
- Manufacturing Alliance
   M&A
- Capital Participation
   Technology partnership

IoT

#### **Smart factory**

Total automation solutions

Accuracy

Productivity



### Corporate Governance Code

FUJI is improving corporate value based on Corporate Governance Code.

Securing the Rights and Equal Treatment of Shareholders

Dialogue with Shareholders

Appropriate Cooperation with Stakeholders Other
Than Shareholders

Responsibilities of the Board

Ensuring Appropriate
Information Disclosure
and Transparency

- 1. Securing the rights and equal treatment of shareholders
- · Information disclosed in English
- Electric disclosure of notice calling a general shareholders meeting beforehand
- 2. Appropriate cooperation with stakeholders other than shareholders
- Ensure diversity including empowering female employees
- Establish bonds with suppliers and local communities
- Ensure a lively working environment
- 3. Ensuring appropriate information disclosure and transparency
- Disclose information by corporate governance reports
- Disclose information on website in an appropriate and timely manner
- 4. Responsibilities of the board
- Timely decision making by the board and quick management and clear responsibilities by executive officers
- Independent outside directors play active roles
- 5. Dialogue with shareholders
- Regular IR/SR meetings





# FUJI robots lead the way

### 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.

### **FUJI CORPORATION**

