# Nidec Corporation Fiscal First-Half 2018 Financial Results

Six Months Ended September 30, 2018 <IFRS>



October 24, 2018



# **Disclaimer Regarding Forward-looking Statements**

These presentation materials and the related discussions contain forward-looking statements including expectations, estimates, projections, plans and strategies. Such forward-looking statements are based on management's targets, assumptions and beliefs in light of the information currently available. Certain risks, uncertainties and other factors could cause actual results to differ materially from those discussed in the forward-looking statements. Such risks and uncertainties include, but are not limited to, changes in customer circumstances and demand, exchange rate fluctuations, and the Nidec Group's ability to design, develop, mass produce and win acceptance of its products and to acquire and successfully integrate companies with complementary technologies and product lines. Please see other disclosure documents filed or published by the Nidec Group companies, including the Japanese securities report, for additional information regarding such risks and uncertainties. Nidec undertakes no obligation to update the forward-looking statements unless required by law.

The first slide features a right-angle precision gearbox manufactured by MS Graessner GmbH & Co. KG.

For details, please see Page 23.



2

# Consolidated Profit/Loss



Millions of Yen, except for EPS, dividends and FX rates	1H/FY2017	1H/FY2018	Change	FY2018 Forecast
Net sales	715,890	777,604	+8.6%	1,600,000
Operating profit	81,765	98,237	+20.1%	195,000
Operating profit ratio	11.4%	12.6%	-	12.2%
Profit before income taxes	75,783	98,267	+29.7%	187,500
Profit attributable to owners of the parent	59,421	78,510	+32.1%	147,000
EPS (Yen)	200.69	265.84	+32.5%	498.63
Dividends (Yen)	45.00	50.00	-	105.00
FX rate (Yen/US\$)  Average:  Term end:	111.06 112.73	110.26 113.57	-0.7% +0.7%	100.00 (Assumed for 3Q onward)

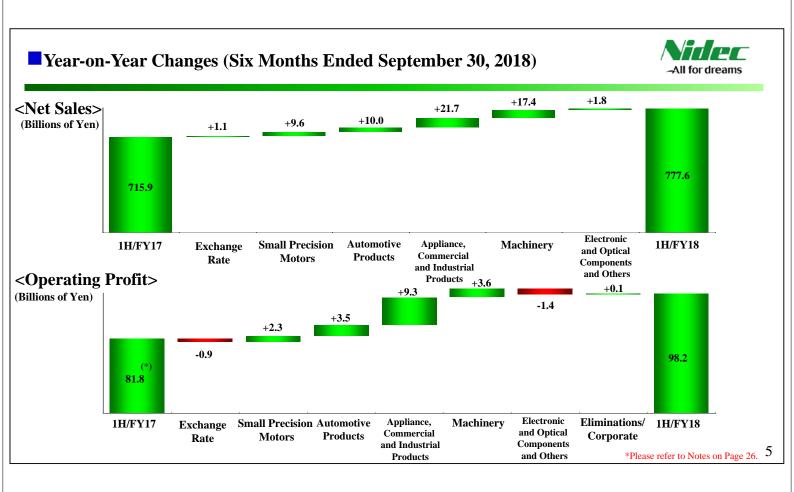
Note: Based on the current forecast of sales volume, every one yen appreciation or depreciation against the U.S. dollar and the euro for FY2018 is estimated to have an annualized impact of 9.0 billion yen and 1.7 billion yen on net sales, respectively, and 1.1 billion yen and 0.4 billion yen on operating profit, respectively.

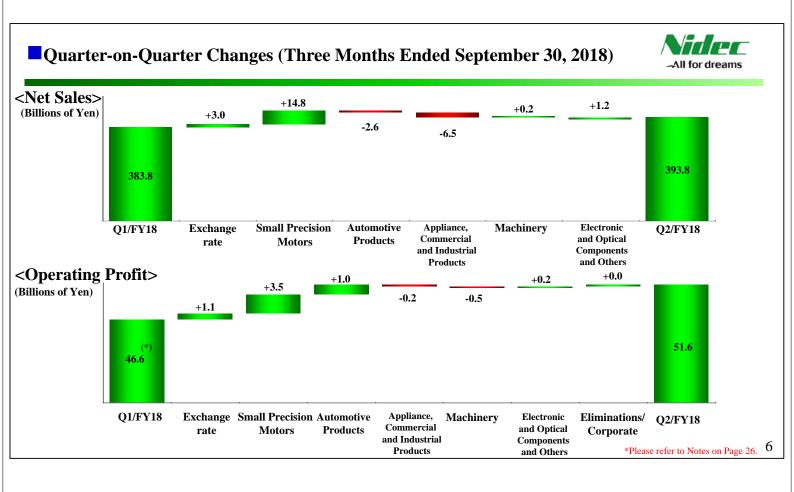
This slide includes forward-looking statements. See Disclaimer on Page 2.

# Summary of 1H/FY2018



- Record-high first-half net sales, operating profit, profit before income taxes and profit attributable to owners of the parent
- Record-high quarterly net sales, operating profit, profit before income taxes and profit attributable to owners of the parent
- Year-end dividend projection raised





# Consolidated Quarterly Net Sales and Operating Profit

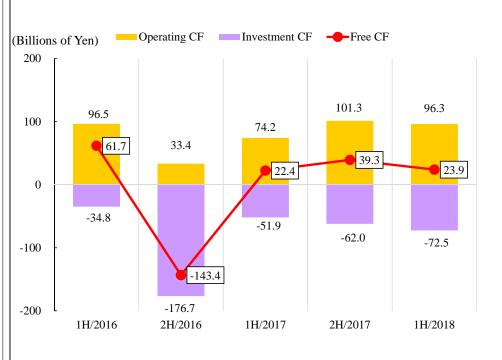


# Highest-ever three-month net sales and operating profit







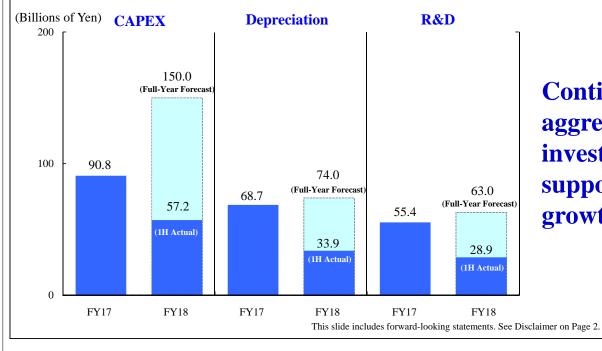


Ceaseless CCC\*
improvement
creating strong cash
flow that underpins
the mid-term growth
strategy

\*CCC: Cash Conversion Cycle

# CAPEX, Depreciation, R&D





Continuing aggressive investments that support mid-term growth

\*Please refer to Notes on Page 26.

9

# Mid-Term Strategic Goal Vision2020

This section includes forward-looking statements. See Disclaimer on Page 2.



# Continuous pursuit of profit & strong growth

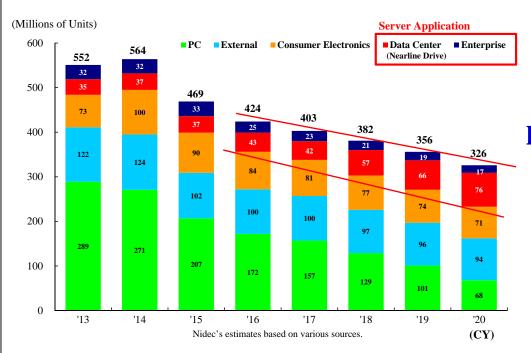
- 1. Target for consolidated net sales: 2 trillion yen (including sales attributable to new M&A of approx. 500 billion yen)
- 2. Sales target for automotive: 700 billion to 1 trillion yen
- 3. Target for consolidated operating profit ratio: 15%
- 4. Target for ROE: 18% (Assuming shareholders' equity ratio of 60%)
- 5. Five regional HQ management units

This slide includes forward-looking statements. See Disclaimer on Page 2.

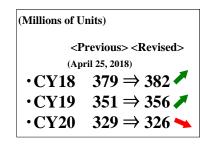
# Small Precision Motors: HDD Market Mid-Term Trend



11



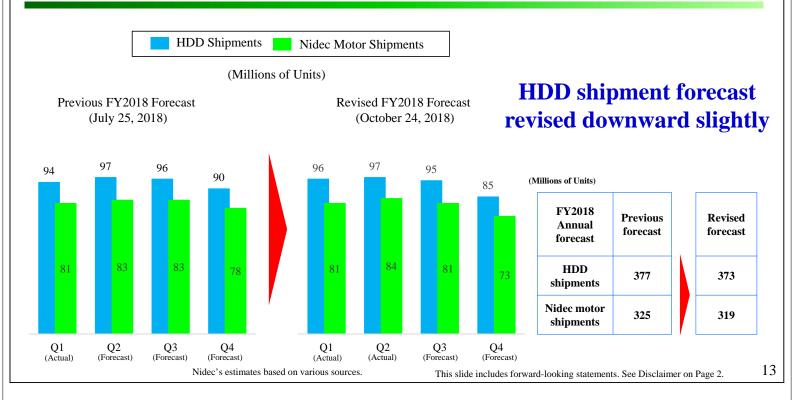
# **Revised from** previous estimate



12

# HDD Market Short-Term Trend

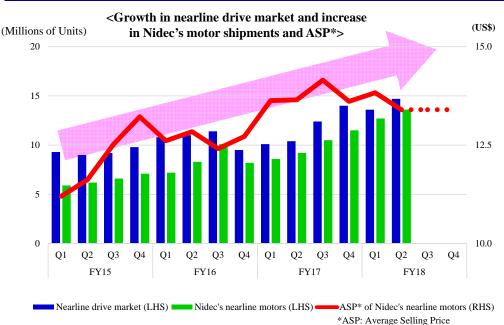




# Small Precision Motors: Growth in Nearline Drive Demand



Significant growth in the nearline drive market accompanied by steady increase in Nidec's market share and its ASP\*

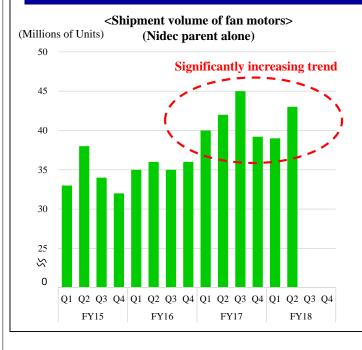


Growth in nearline drive market driven by high demand from newly emerging cloud service providers

# Small Precision Motors: Other Small Motors



## The steady progress of the IoT and ICT trends driving further development of big data and increasing cooling fan demands





# **Higher demand** for cooling fans







15

# ■TOB: Commencement of Tender Offer for Shares of CCI, Taiwan



# Providing modules for customers requiring thermal management in addition to cooling fans

<outline of="" tend<="" th="" the=""><th>er Offer&gt;</th></outline>	er Offer>
Tender offeror	Nidec Corporation
Target company	Chaun-Choung Technology Corp. ("CCI")
Tender offer period	October 3, 2018 through November 21, 2018
Class of shares for tender offer	Common stock
Tender offer price	TWD 108 per share
Tender offer funds	Approximately TWD 4,476 million (The amount required to make payment related to the purchase of 48.0% of CCI's outstanding shares)
Minimum number of shares to be purchased	If 28,838,695 shares of CCI (which are equivalent to 33.4% of the shares outstanding) are to be sold, the Company will execute the tender offer.
Maximum number of shares to be purchased	41,444,831 shares (48.0% of the shares outstanding)
Terms of tender offer	The tender offer closing will condition on fulfilling 28,838,695 shares (which are equivalent to 33.4% of the shares outstanding) subscription, obtaining clearance and will be carried out on the premise that the tender offer meets various conditions normally required for similar transactions.
	Nidec reached an agreement with 37 shareholders of CCI that all of them subscribe

Others

the tender offer. The number of shares to be subscribed will be 28,838,695 shares (which are equivalent to 33.4% of the shares outstanding). If this agreement is executed, it will be possible to acquire shares meeting the floor of

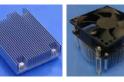
28,838,695 shares of the tender offer, and condition of the tender offer is fulfilled.

#### Company name Chaun-Choung Technology Corp. 12F, No.123-1, Xingde Road, Sanchung, New Taipei Headquarters City 241, Taiwan, (R.O.C.) Name and title of Chairman, Wu Shih Ling representative Description of Development, manufacturing, and sales of thermal business module products TWD 863,433,960 Capital Date of establishment December 14, 1973 Number of employees

2,265 (As of March 1, 2018)

#### <Main Products>

<Summary of CCI>









Heat sink

Thermal module products

# Consolidated Quarterly Net Sales and Operating Profit (Automotive Products and Appliance, Commercial and Industrial Products)



## Record-high quarterly operating profit for both Automotive and Appliance, Commercial and Industrial



# Automotive, Appliance, Commercial and Industrial: Capturing Business Opportunities Under Trade Tensions



Expanding and accelerating productions in Mexico to win a stronger supplier position to major OEMs in the US

Automotive



Nidec Automotive Motor Mexcicana S de RL de C.V.

Expanding production for Tier1s in the US and Mexico

(Doubling output of EPS\* motors from June 2018)

Appliance, Commercial and Industrial



Nidec Motor Corporation (Mexico)

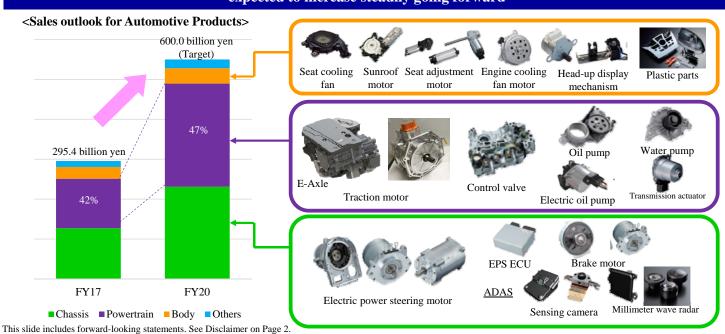
Expanding production for major air conditioner OEMs in the US (Some competitors are having difficulties due to tariff issues)

\*EPS: Electric Power Steering

# Automotive: Diversifying Product Line-Ups



# The ratio of powertrain systems including EV/PHEV traction motors expected to increase steadily going forward

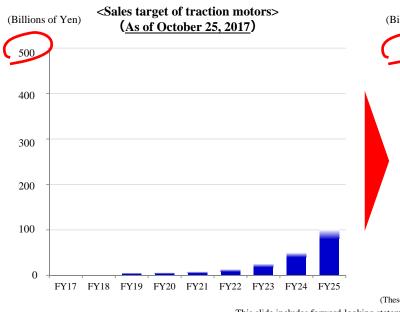


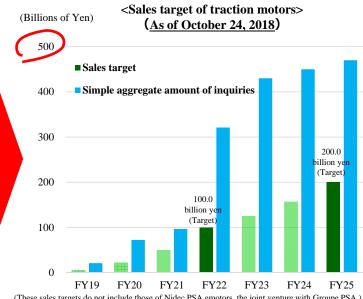
# Automotive: Sales Growth of Traction Motors



19

#### Surging inquiries for both E-Axles and traction motors from players in emerging countries, Europe and Japan





 $(These \ sales \ targets \ do \ not \ include \ those \ of \ Nidec \ PSA \ emotors, \ the \ joint \ venture \ with \ Groupe \ PSA.)$ 

This slide includes forward-looking statements. See Disclaimer on Page 2.



#### Expanding capacity in Hanoi from March 2019 to prepare for additional demands from emerging markets



**Motor-alone market:** 

500 billion yen



Nidec Techno Motor
Process for Hanoi factory launch

		October	November	December	January	February	March
	Construction		Completic	on of construction of the	he phase 1 building		March 2019
	Communication with customers		sar		rovals from customers		Mass production
	Tooling up			est production Equ ine	ipment installation for m production lat	nass production and unch	launch
ĺ	Production preparation				E	Employment of operators	(tentative)

Appliance, Commercial and Industrial: Global Market Size of Main Home Appliances



21

# Evolving from motor-alone into module-based businesses using M&A

**Module market:** 

4 trillion yen





Target markets

Fan motor	240 billion yen	<b>&gt;</b>	Fan blade, compressor, fan motor, control, heat exchanger, etc.	2 trillion yen
Compressor motor	100 billion yen	<b>&gt;</b>	Compressor, compressor motor, control	1.5 trillion yen
Drive motor	160 billion yen		Gear unit, drive motor, control	0.5 trillion yen
(G-	(I)			
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Air conditioner	Unit: 130 million globally Fan DC ratio : 25% Inverter ratio: 45%	14 trillion yen
Freezer refrigerator	Unit: 170 million globally Inverter ratio: 15%	13 trillion yen
Washer	Unit: 110 million globally Motor DC ratio: 15%	8 trillion yen

**Final product market:** 









# M&A: MS-Graessner GmbH & Co. KG



## Full-scale entry into European market and enhancing product line-ups

#### <Outline of Graessner>

Company name	MS-Graessner GmbH & Co. KG and its group companies		
Headquarters	Dettenhausen, Baden-Württemberg Germany		
Foundation	1955		
Directors	Michael Stadler: CEO, Managing Director Thomas Merk: COO, Commercial Director		
Principal places of Business	Germany, Austria		
Principal business	Manufacture and sale of gearboxes		
Employees	Approximately 166 (as of January 31, 2018)		
Financials	Revenue: €1.8 million Operating profit: €.1 million Net assets: €5.1 million Total assets: €6.2 million (fiscal year ended December 31, 2017)		

#### <Main Products>



23

# CSR Vision 2020



# Women's leadership: first manufacturer in Kyoto receiving highest level "Eruboshi" certifications

	Priority issues	Target	KPI
Е	Environmental load reduction	Consistent reduction in energy consumptions and environmental emissions attributable to operations	5% reduction (intensity) from FY2015 benchmark
(Environment)	Environmental contribution through products	Quantitative assessment of product- specific environmental performance	Overall framework in place for measuring total CO <sub>2</sub> emissions reduced per year
ment)	Environmental conservation	Active participation in local environmental conservation efforts	Specific action program in place at each business unit
S (Society)	Diversity	A diverse workforce and leadership	Specific action program in place at each business unit (Percentages of women in managerial positions: 8% for Nidec Corporation in Japan)
lety)	Globally competent talents	Training programs in place on a group-wide basis	Number of program participants or workshops held
G	Corporate ethics	Code of Conduct aligned with internationally accepted standards	EICC*-based CSR management system covering 80% of operations worldwide
(Governance)	Internal control	Consistent management soundness and transparency	Strict compliance with internationally accepted corporate governance guidelines
ce)	Risk management	Highly viable risk management procedures implemented on a global basis	Global risk management system adopted by all operations



#### <Highest-level Eruboshi certification>

Eruboshi certification is granted by the Minister of Health, Labour and Welfare based on the following five criteria:

- 1) Employment
- 2) Employment continuity
- 3) Workstyle including worktime
- 4) Percentage of women's management positions
- 5) Diverse career paths

\*EICC: Electronics Industry Code of Conduct

# Strengthening News Distribution



# Remarkable increase in the number of shareholders in recent years. Strengthening news distribution eyeing 100,000 shareholders.





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#### \*Note:

NIDEC adopts the provisions of IFRS 3 "Business Combinations." During the three months ended June 30, 2018, Nidec Corporation completed its valuation of the assets acquired and the liabilities assumed upon the acquisition of the following companies in the previous fiscal year; Secop Holding GmbH (currently Nidec Global Appliance Compressors (Tianjin) Co., Ltd.), Secop Inc. (currently Nidec Global Appliance USA Inc.) and LGB Elettropompe S.r.l. In addition, during the three months ended September 30, 2018, Nidec Corporation completed its valuation of the assets acquired and the liabilities assumed upon acquisition of SV Probe Pte. Ltd. in the previous fiscal year. As a result, Nidec Corporation's consolidated financial statements for the year ended March 31, 2018 reflects the revision of the initially allocated amounts of acquisition price. Of the assets acquired and the liabilities assumed upon the acquisitions of companies in the year ended March 31, 2018 and in the six months ended September 30, 2018, the assets and liabilities which are currently under evaluation have been recorded on Nidec Corporation's consolidated statement of financial position based on provisional management estimation as of September 30, 2018.

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# **Appendix**

# Performance Trends & Product Group Overview



27

# Three 600 Billion Yen Businesses Are Key to Achieving 2 Trillion Yen Net Sales



