



Securities Code: 6268

Results Briefing for the First Nine-month of the Fiscal Year Ending December 31, 2023 (FY2023/12 Q1-Q3)

Nabtesco Corporation October 31, 2023

The forecast data presented herein reflects assumed results based on conditions that are subject to change.

Nabtesco Corporation does not make representations as to, or warrant, in whole or in part, the attainment or realization of any of the forecasted results presented in this document.

Numerical figures presented herein are rounded down to the nearest whole unit for monetary value and rounded off to one decimal place for percentage. Unauthorized copying and replication of this material including text and image are prohibited.

1

Increase both in sales and O.P. (YoY)

Consolidated Sales: 243.6 JPY billion (YoY+11%)

Consolidated O.P.: 12.9 JPY billion (YoY+13%)

- FY2023/12 first nine-month sales was recorded historical high
 - · Demand of Precision Reduction Gears was favorable in H1
 - ACB has been steady domestic demand and positive FOREX effect
- FY2023/12 first nine-month O.P. was increased YoY due to sales increase in TRS, ACB and MFR

Compared to the guidance Inline both in sales and O.P.

(Progress toward the full-year guidance) Sales: 74%, O.P.: 68%

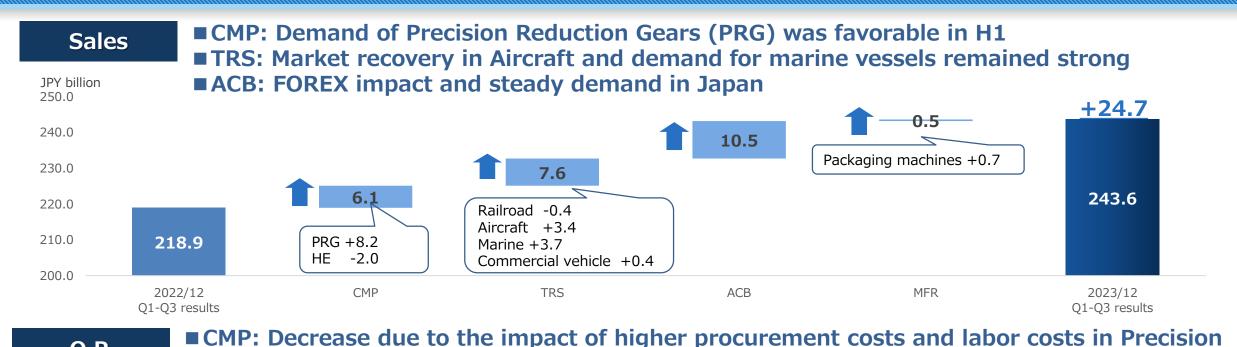
2

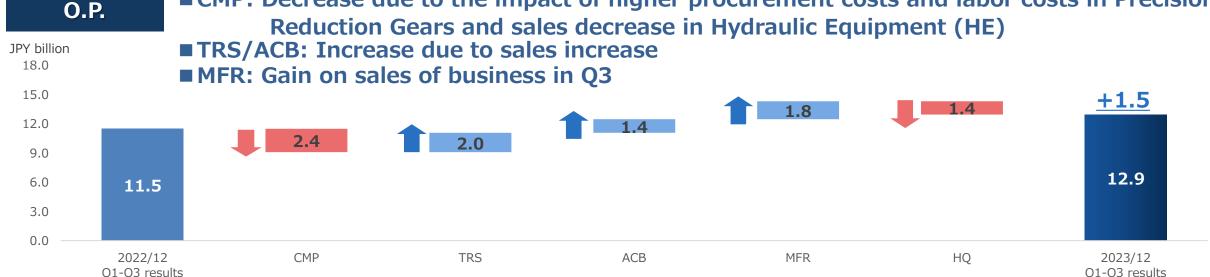
- Chinese economy downturn last longer than expectation (larger impact on CMP)
- Tackling on profit improvement measures

^{*}The plan disclosed on July 31st, 2023

Summary for the FY2023/12 Q1-Q3 (YoY)







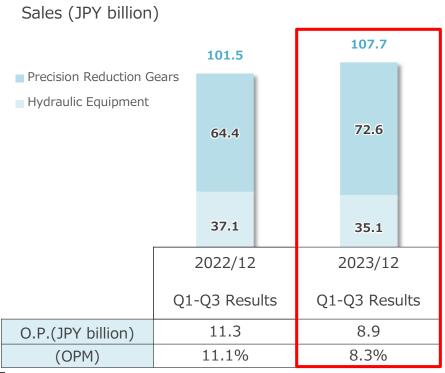
■ Final valuation gain confirmed with the completion of the sale of HDS*¹ in 2023 Q2.

(JPY billion)	2022/12	2023/12	Variation
	Q1-Q3 result (A)	Q1-Q3 result (B)	(B-A)
Sales	218.9	243.6	24.7
O.P.	11.5	12.9	1.5
Operating profit margin	5.2%	5.3%	0.1pt
Finance Income and Cost	3.2	4.7	1.5
(Revaluation share of HDS)	1.4	3.5	2.0
Equity in earnings of affiliates	2.2	3.4	1.3
Profit before tax	16.9	21.1	4.2
Net profit*2	10.6	13.3	2.7
Total basic earnings per share(JPY Yen)	88.52	110.74	22.22

2022/12	2023/12	Variation
Full year result (C)	Full year plan (D) (as of July 31st)	(D-C)
308.7	330.0	21.3
18.1	19.0	0.9
5.9%	5.8%	-0.1pt
-5.1	4.4	9.5
-5.6	3.5	9.1
2.8	3.7	0.9
15.8	27.0	11.2
9.5	17.8	8.3
78.87	148.30	69.43

^{*1} Harmonic Drive Systems Inc. *2 Net profit attributable to owners of the parent

Component Solution Segment (CMP)



Profitability

FY2023/12 Q1-Q3:

- -Profit decrease due to the delay of price pass-through for procurement cost increase in PRG.
- -Profit decrease due to sales decrease by Chinese economy downturn in HE.

Q4 forecast:

-Progress of price pass-through and cost reduction activities in PRG. Sales increase due to the seasonality is expected in HE.

Business Environment (Q3 onward)

Business		Market	
Precision Reduction	For robots	EV investment decline and business sentiment downturn from Q3 onward	
Gears (PRG)	For FA	Cautious view on CAPEX	
Hydraulic	China	Stagnant demand continues (Sales of construction machinery in China*¹ from Jan. to Sep. in 2023; YoY-26%)	
Equipment (HE)	Non-china	Uncertainty in demand -Sales of construction machinery (domestic & export) from Jan. to Aug. in 2023; YoY+29%	

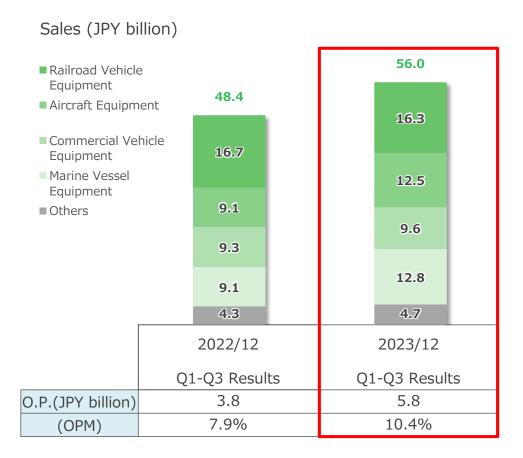
^{*1} Source: China Construction Machinery Association *2 Source: Japan Construction Equipment Manufacturers Association

Actions for profit improvement for PRG

Actions	Details	
Price pass-through	 List price to be raised for all customers Pass-through for FY23 cost increase mainly start from FY24 	
Operation of the Hamamatsu Plant	Plan to start operation from FY24Distribute the optimal production capacity by plants	
Optimal staffing to meet fluctuating demand	 Flexible and optimal relocation of staff Adjustment by contract term basis 	
Proceed cost reduction activities	 Change of make/buy policy (in-house production of bearings, heat treatment, etc.) Design change and production improvement by process improvement Adoption of new suppliers (in Hamamatsu) 	

Innovation In Action Vision 2030

Transport Solution Segment (TRS)



Business Environment (Q3 onward)

Business	Business Market	
Railroad Vehicle Equipment	Despite strong domestic MRO demand, investment in new vehicles continues to be restrained. Investment for new vehicles will be recovered from 2024.	
Aircraft Equipment	Civil aviation: Aircraft demand recovery according to passenger demand expansion. (Worldwide RPK* for civil aviation in Aug. 2023 YoY +28%)	
	Defense: Demand increase due to the budget expansion in MOD	
Commercial Vehicle Hitigation of electric component shortage contribute to recover the truck productions in Japan although export demand is sluggish due to the economy downturn.		
Marine Vessel	New shipbuilding : Shipbuilders have sufficient backlog.	
Equipment	MRO: High demand continues including the environmental regulations.	

*RPK: Revenue Passenger Kilometers (Source: IATA)

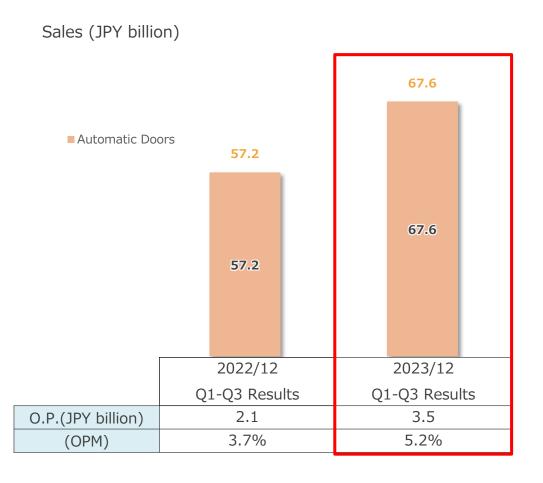
Profitability

2023/Q3: Profit increase due to sales increase and MRO contribution.

Q4 forecast: Profit increase due to favorable demand.



Accessibility Solution Segment (ACB)



Business Environment (Q3 onward)

	Business	Market	Trend
_	Automatic	Japan: Solid door demand for reconstruction projects in Tokyo Metropolitan Area and steady demand of MRO	
	Doors	Europe and the US : Cautious view on demand by economic downturn	
_	Platform Door (PD)	Japan: Orders for projects after 2024 are becoming more active due to governmental support programs (railroad station barrier-free fee system)	
	` ,	Oversea: Delay in some projects.	

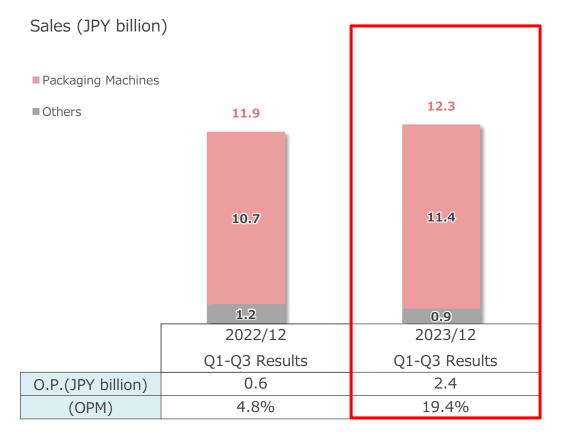
Profitability

2023/Q3: Profit increase due to the MRO increase backdrop of resolving the electric component shortage and collection of additional bills for oversea PD projects.

Q4 forecast: Steady automatic door demand in Japan and foresee the seasonality in oversea.



Manufacturing Solution Segment (MFR)



Business Environment (Q3 onward)

Business Market		Trend
Packaging Machines	Japanese food manufacturers improve their investment capability due to mark up. Economic downturn make customers discourage their CAPEX in oversea.	

Profitability

2023/Q3: Packaging machines increase O.P. due to sales increase and contribution of product mix. Segment O.P. increase due to the recognition of profit of subsidiary on Q3

Q4 forecast: Profitability remain as the same level as Q4 in 2022

Summary for the FY2023/12 Q3 [B/S]

Innovation In Action Vision 2030

■ Cash and cash equivalents decrease and non-current asset increase due to M&A and CAPEX. Sales of HDS* shares completed on 2023 Q2.

	2022/12	2023/12 Q3	Variation
(JPY billion)	(As of December 31, 2022)	(As of September 30, 2023)	Variation
Assets	459.3	423.2	-36.1
(Cash and cash equivalents)	124.4	81.0	-43.4
(Trade receivable)	79.4	75.9	-3.5
(Inventories)	49.2	59.4	10.2
(Assets held for sale)	34.0	0.0	-34.0
(Non-current assets)	163.8	197.5	33.7
Liabilities	196.1	147.5	-48.6
(Borrowings)	20.3	21.0	0.7
(Other non-current financial liabilities)	47.3	0.1	-47.2
(Income taxes payable and Deferred tax liabilities)	15.8	8.1	-7.7
Total equities	263.2	275.8	12.5
(Non-controlling interests)	14.5	15.1	0.5
Equity attributable to owners of parent	248.7	260.7	12.0
Ratio of equity attributable to owners of parent :	54.1%	61.6%	

- Acquisition of Copas Systèmes
- Settlement of sale of HDS share
- Acquisition of Deep Sea Technologies
- Payment for Tax
- Decrease due to completion of the sale of HDS*
- Hamamatsu plant (PRG)
- · Increase of asset due to M&A (Copas & Deep Sea)
- Decrease in financial liabilities due to completion of sale of HDS

Vision 2030

Business	Topics	Details	
Precision Reduction Gears (PRG)	Completion of the New Hamamatsu Plant (Sep. 18th) Our challenges in mid-term management plan Realization of smart manufacturing through minimization of environmental burden and digital technology	Establishing the new plant in Hamamatsu, which will be base for PRG, based on the concept of "the world's Normanufacturing innovation and high evaluation for SDGs automation ratio of 90% or higher, with highly effismall mix and high volume models. [Outline of the Hamamatsu Plant] • Annual production capacity: 1.2 million units per year (by 2030) • Start of operation: 2024 (The date of the start is to be determined) • Investment amount: About 47 billion yen (2022-2026)	.1 smart plant with s." Aiming for an
Corporate	Revision of the Nabtesco Way (Oct. 1st) Our challenges in mid-term management plan Raise motivation of all employees for "Change ourselves" and enjoy challenges	The Nabtesco Way, which was established in 2012, under the recent changes bot the external and internal environment, our Corporate Philosophy has been retained while Our Promises and Action Guidelines have been revised to reorganize the principles to be passed on to the next generation, and to incorporate a new Perspective that takes on challenges. The New Nabtesco Way has been consolidated to the six points of "The Principles We Value," so that our diverse employees throughout the world can understand and sympathize with them, and enhance motivation to take action.	

Vision 2030

Business	Topics	Details	
Automatic Door	Development of Automatic Door Platform AD-LINK	AD-LINK providing timely reports on operational status to building managers and contributing the safety and convenience of building operation. Going forward, we will utilize AD-LINK for the marketing efforts of retail store	
	and Launch of Service (Aug. 31st) Our challenges in mid-term management plan Realization of smart manufacturing through minimization of environmental burden and digital technology	and verification of the advertising effectiveness of digital signage through gathering and analyzing people flow data around automatic doors. We will also create new added value for building owners and users through automatic doors by, for example, applying the product to facilitate the passage of self-propelled robots by connecting it with smart building system networks. Future image of AD-LINK utilization (includes services not yet launched)	
Precision Reduction Gears (PRG)	Supplying precision reduction gears to "ARCHAX," a passenger-operated robot (Oct. 25th) Our challenges in mid-term management plan Create new value with innovative products and services	Nabtesco has supplied our PRG for "ARCHAX," a passenger- operated robot developed by Tsubame Industries. "ARCHAX" is a large passengetype robot that can be operated by a person. Nine precision reduction gears RV TM per robot, including those for waist turning and traveling, play a role in ensuring smooth operation. The robot is currently on display at the JAPAN MOBILITY SHOW 2023.	

Appendix

CAPEX, R&D and Depreciation



- Review the investment timing due to the demand stagnation in Precision Reduction Gears
- Investment items should be selective because of the progress of financial forecast

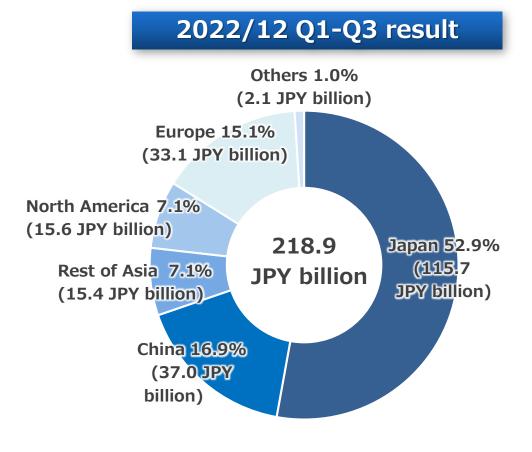
	2022/12	2023/12	2023/12
(JPY billion)	Q1-Q3 results	Q1-Q3 results	Revised plan
	(A)	(B)	As of July 31 st , 2023 (C)
CAPEX	15.2	22.1	34.5
R&D	8.2	8.1	12.9
Depreciation	10.7	11.4	15.3

YoY	Duaguaga
Variation	Progress
(B-A)	(B/C)
6.9	64%
-0.1	63%
0.7	74%

2022/12 Full year result
18.8
10.9
14.5

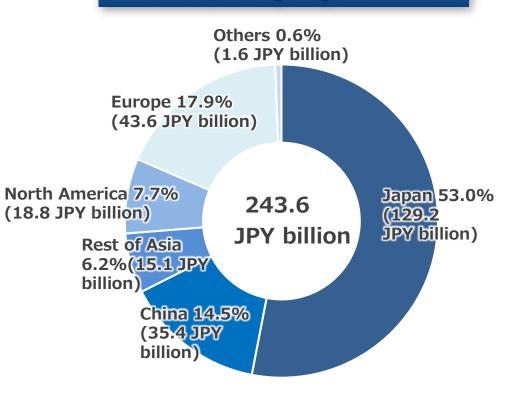
Sales by Geographic Segment





Oversea sales	103.2 JPY billion			
Ratio	47.1%			

2023/12 Q1-Q3 result



Oversea sales	114.4 JPY billion			
Ratio	47.0%			

■ FOREX rate

(JPY)	2022/12	2022/12	2023/12	2023/12	
	Q1-Q3 result	Full-year result	Q1-Q3 result	Full-year plan	
USD	129.46	131.12	139.55	125.00	
RMB	19.45	19.46	19.74	18.50	
EUR	136.62	136.43	151.20	140.00	
CHF	135.89	136.81	154.49	145.00	

■ FOREX sensitivity

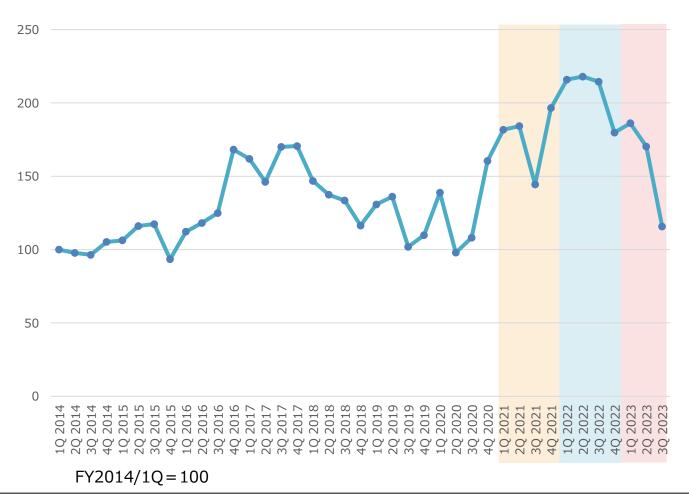
(This represents the effect to be expected on operating profit if the exchange rate fluctuates by one yen)

	2023/12			
(JPY million)	Q1-Q3 result			
	Sales	O.P.		
USD	152	25		
RMB	1,313	31		
EUR	67	minimal		
CHF	170	minimal		

2023/12			
Full-year plan			
Sales	O.P.		
179	57		
1,531	162		
82	minimal		
246	minimal		

2023/Q3 consolidated orders

- -YoY -46% QoQ -32%
- -Order decline both in YoY and QoQ due to the economic downturn especially in China

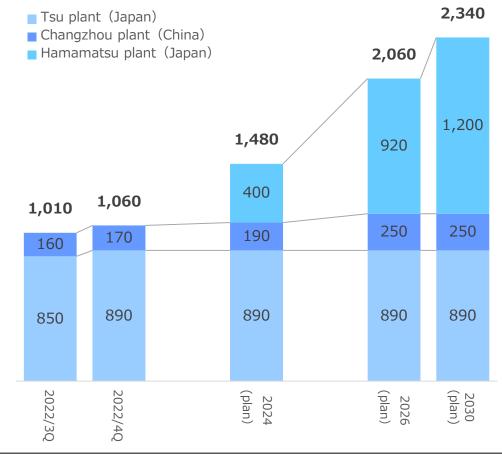


2023/Q3 Utilization ratio of Precision Reduction Gears

FY2023 Q3 Utilization ratio

Japan Plant (Tsu) : 100% @890K units/year China Plant (Changzhou) : 55% @170k units/year





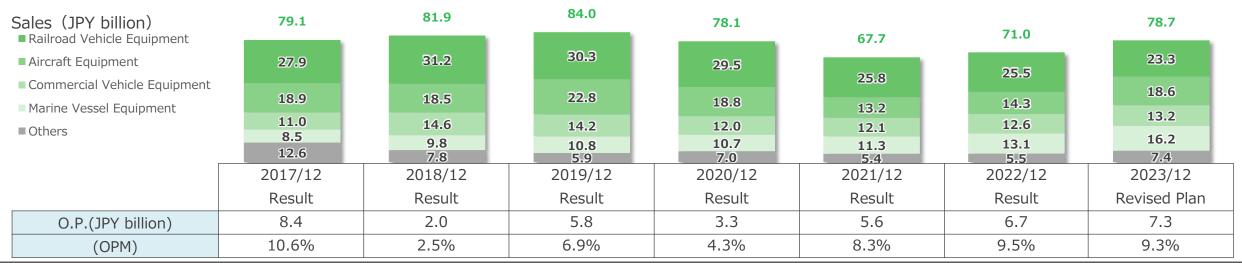
Sales and Overview by Segments

Component Solutions Segment (CMP)



Calaa (IDV hillian)		110.2			138.1	140.6	142.6
Sales (JPY billion)	113.9	119.3	107.1	109.9			
Precision Reduction GearsHydraulic Equipment	72.6	65.8	54.9	55.8	77.5	89.7	94.4
	41.3	53.4	52.2	54.0	60.6	51.0	48.2
	2017/12	2018/12	2019/12	2020/12	2021/12	2022/12	2023/12
	Result	Result	Result	Result	Result	Result	Revised Plan
O.P.(JPY billion)	20.4	20.2	15.9	17.7	22.9	15.9	12.8
(OPM)	17.9%	16.9%	14.8%	16.1%	16.6%	11.3%	9.0%

Transport Solutions Segment (TRS)



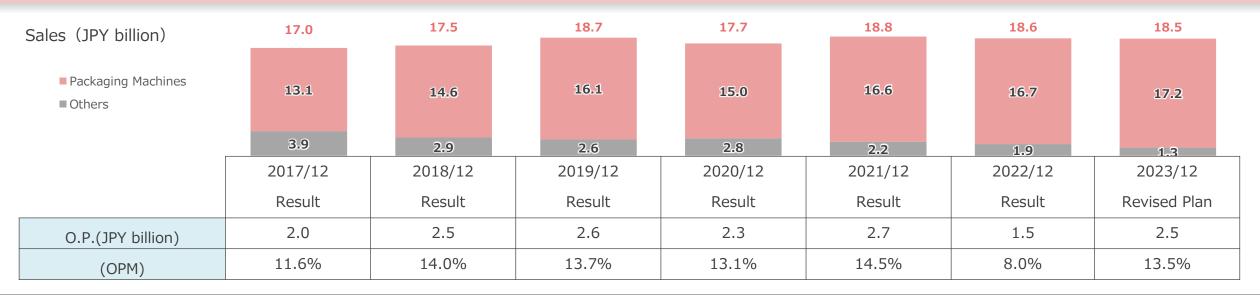
Accessibility Solution Segment (ACB)



18



Manufacturing Solutions Segment (MFR)



Main Products: Component Solutions Segment (CMP)



The market share is estimated by Nabtesco

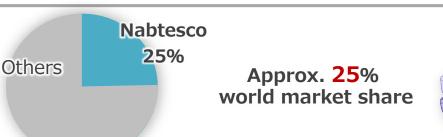
Precision Reduction Gears

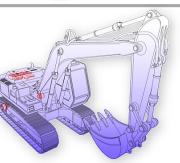
■ Joints of Medium and Large Size Industrial Robots



Hydraulic Equipment

■ Traveling Units for Hydraulic Excavators





Main Customers

■ Precision Reduction Gears

Industrial Robots: Fanuc, Yaskawa Electric, KHI, KUKA Roboter (Germany), ABB Robotics (Sweden)
Machine Tools: Yamazaki Mazak, Okuma, DMG Mori Seiki

■ Hydraulic Equipment

Traveling Units: Komatsu, Sumitomo Construction Machinery, Kobelco Construction Machinery, Sany (China), XCMG (China), Liu Gong (China)

Main Products: Transport Solutions Segment (TRS)





Nabtesco 60%

Aircraft Equipment

■ Flight Control Actuation Systems (FCA)



Main Customers

Railroad Vehicle Equipment

JR Companies, Private railway companies, Hitachi, KHI, Bullet train and subway projects in China

■ Aircraft Equipment

Boeing, KHI, MHI, IHI, Japanese Ministry of Defense, Airline operators

Main Products: Transport Solutions Segment (TRS)



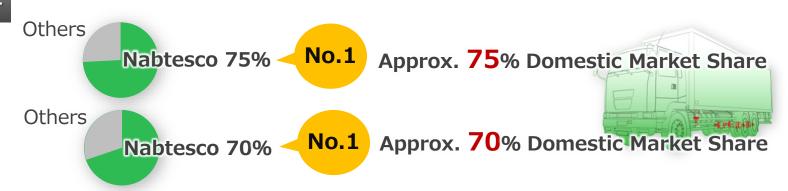
The market share is estimated by Nabtesco

Commercial Vehicle Equipment

- **■** Wedge Chambers
- Air Dryers

Marine Vessel Equipment

■ 2ST Main Engine Control Systems



Others
Nabtesco 50%
No.1
Approx. 50% Domestic Market Share
(Approx. 40% World Market Share)

Main Customers

■Commercial Vehicle Equipment

Isuzu, Hino, Mitsubishi Fuso Truck & Bus, UD Trucks

■ Marine Vessel Equipment

KHI, Japan Engine Corporation, Makita Corporation, Hitachi Zosen, Mitsui Engineering & Shipbuilding, Hyundai Heavy Industries (Korea), Hudong Heavy Machinery (China), HSD Engine Co., Ltd. (Korea), MAN Diesel (Denmark)

Main Products: Accessibility Solution Segment (ACB)



The market share is estimated by Nabtesco

Automatic Doors

■ Automatic Doors

Others

No.1
Nabtesco
Approx. 55%
55%market share for building automatic doors in Japan

(top share in the world)



■ Platform Screen Doors

Others
Nabtesco
Position
Nabtesco
Nabte

Approx. 95%
domestic market share
(accumulated total)



Main Customers

Automatic Doors for buildings: Major general contractors, sash manufacturers, hospitals, banks, public institutions, etc. Platform Doors: JR Companies, Private railway companies, Subway projects in various countries

Main Products: Manufacturing Solutions Segment (MFR)

Packaging Machines

■ Packaging Machines for Retort Pouch Foods









Main Customers

■ Packaging Machines

Mitsui DM Sugar, Ajinomoto, Marudai Food Co., Ltd., ARIAKE Japan, KENKO Mayonnaise, P&G, Kao, Lion, beverage companies in North America, food companies in China

Nablesco

moving it. stopping it.

