moving it. stopping it.

## FY2018/12 Q1 Results Briefing



April 27, 2018

## Nabtesco Согporation

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.

## Consolidated Results for the F/2018/1201(1FRS)

| (JPY million) | $\begin{gathered} \text { FY2017/12 Q1 } \\ \text { Result (A) } \end{gathered}$ | $\begin{gathered} \text { FY2018/12 Q1 } \\ \text { Result (B) } \end{gathered}$ | Variation $(B)-(A)$ | FY 2018/12 <br> Full-year Plan (As of Feb 9, 2018 ) |
| :---: | :---: | :---: | :---: | :---: |
| Sales | 64,055 | 71,954 | 7,899 | 308,000 |
| O.P. | 6,062 | 6,713 | 651 | 32,600 |
| (OPM) | 9.5\% | 9.3\% | -0.2pt | 10.6\% |
| Finance Income and cost | -510 | -561 | 51 | - |
| Equity in earnings of affiliates | 2,883 | 6,187 | 3,304 | - |
| Income before tax | 8,435 | 12,338 | 3,903 | 35,900 |
| Net profit* | 6,462 | 9,520 | 3,058 | 25,700 |
| Earnings per share** | 52.31 | 76.82 | 24.51 | 208.34 |

*Net profit attributable to owners of the parent
** Total basic earnings per share

## Notes

FOREX rate $2017 / 12$ Q1(result) : US $\$ 1=¥ 112.85$ RMB1 $=¥ 16.36$ EUR1 $=¥ 120.17$ CHF1= $¥ 112.64$
2018/12 Q1(result) : US $\$ 1=¥ 107.47$ RMB1 $=¥ 17.03$ EUR1 $=¥ 132.29$ CHF1= $¥ 114.02$
FOREX sensitivity in O.P.(This represents the effect to operating profit if the exchange rate fluctuates by one yen)
2017/12 Q1(result) : (US\$) JPY 14million, (RMB) JPY 32million, (EUR) minimal, (CHF) minimal
2018/12 Q1(result) : (US\$) JPY 5million, (RMB) JPY 124million, (EUR) minimal, (CHF) minimal

## Consolidated Results for the F $\boldsymbol{\gamma} / 2018 / 1201 /$ by Business Segment (IFRSS)

(JPY million)

| Segment | Term | FY2017/12 Q1 result <br> (A) | FY2018/12 Q1 result <br> (B) | Variation $(B)-(A)$ | FY2018/12 <br> Full-year Plan (As of April 27, 2018) |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Component Solutions (CMP) | Sales | 25,069 | 29,388 | 4,319 | 129,500 |
|  | $\begin{gathered} \text { OP } \\ (\text { OPM) } \end{gathered}$ | $\begin{array}{r} 4,480 \\ (17.9 \%) \end{array}$ | $\begin{array}{r} 5,254 \\ (17.9 \%) \end{array}$ | $\begin{array}{r} 774 \\ (-0.0 p t) \end{array}$ | $\begin{array}{r} 23,800 \\ (18.4 \%) \end{array}$ |
| Transport Solutions (TRS) | Sales | 16,184 | 18,513 | 2,329 | 83,600 |
|  | $\begin{gathered} \text { OP } \\ (\mathrm{OPM}) \end{gathered}$ | $\begin{array}{r} 1,358 \\ (8.4 \%) \end{array}$ | $\begin{array}{r} 1,562 \\ (8.4 \%) \end{array}$ | $\begin{array}{r} 204 \\ (-0.0 p t) \end{array}$ | $\begin{array}{r} 9,300 \\ (11.1 \%) \end{array}$ |
| Accessibility Solutions (ACB) | Sales | 19,011 | 19,680 | 669 | 75,500 |
|  | $\begin{gathered} \text { OP } \\ (\mathrm{OPM}) \end{gathered}$ | $\begin{array}{r} 1,359 \\ (7.1 \%) \end{array}$ | $\begin{array}{r} 1,370 \\ (7.0 \%) \end{array}$ | $\begin{array}{r} 11 \\ (-0.1 \mathrm{pt}) \end{array}$ | $\begin{array}{r} 6,000 \\ (7.9 \%) \end{array}$ |
| Manufacturing Solutions (MFR) | Sales | 3,790 | 4,373 | 583 | 19,400 |
|  | $\begin{gathered} \text { OP } \\ (\mathrm{OPM}) \end{gathered}$ | $\begin{array}{r} 487 \\ (12.8 \%) \end{array}$ | $\begin{array}{r} 660 \\ (15.1 \%) \end{array}$ | $\begin{array}{r} 173 \\ (2.3 p t) \end{array}$ | $\begin{array}{r} 2,300 \\ (11.9 \%) \end{array}$ |
| Corporate or Elimination |  | -1,622 | -2,133 | -511 | -8,800 |
| Total | Sales | 64,055 | 71,954 | 7,899 | 308,000 |
|  | (OPM) | $\begin{array}{r} 6,062 \\ (9.5 \%) \end{array}$ | $\begin{array}{r} 6,713 \\ (9.3 \%) \end{array}$ | $\begin{array}{r} 651 \\ (-0.2 p t) \end{array}$ | $\begin{array}{r} 32,600 \\ (10.6 \%) \end{array}$ |

## Balance Sheet Summary (IFRS)

| (JPY million) | $\begin{gathered} 2017 / 12 \\ \text { (as of December 31, 2017) } \end{gathered}$ | $\begin{gathered} \text { (As of April } 27,2018 \text { 2 } \end{gathered}$ | Variation |
| :---: | :---: | :---: | :---: |
| Assets | 301,557 | 307,552 | 5,995 |
| (Cash and cash equivalents) | 44,121 | 42,785 | -1,336 |
| (Trade receivable) | 76,874 | 74,123 | $-2,751$ |
| (Inventories) | 40,298 | 42,174 | 1,876 |
| (Tangible fixed assets) | 70,700 | 73,265 | 2,565 |
| Liabilities | 124,556 | 127,246 | 2,690 |
| (Bonds and borrowings) | 27,720 | 27,555 | -165 |
| Total equities | 177,002 | 180,306 | 3,304 |
| (Non-controlling interests) | 9,465 | 9,474 | 9 |
| Equity attributable to owners of parent | 167,537 | 170,832 | 3,295 |
| *Ratio of equity attributable to owners of parent: | 55.6\% | 55.5\% |  |

## CAPEX, R\&:D and Depreciation

■ Capital expenditure was implemented centering on precision reduction gears and aircraft equipment for future growth.

Precision reduction gears : Enhancing the production capacity of plants in Japan and China. Aircraft equipment : Capacity expansion built for new programs.

| (JPY billion) | 2017/12 Q1 <br> Result (A) | 2018/12 Q1 <br> Result (B) | 2018/12 <br> Full-year Plan |
| :---: | :---: | :---: | :---: |
| CAPEX | 3.7 | 5.6 | 30.4 |
| R\&D | 2.2 | 2.4 | 10.2 |
| Depreciation | 1.9 | 2.4 | 11.2 |

## Appendix

## Sales by Geographic Segment

## 2017/12 Q1 Result

## 2018/12 Q1 Result

North America 7.2\% (JPY 4.6 billion)

Others 0.5\% (JPY 0.3billion)

Europe 14.9\% (JPY 9.6 billion)


| Overseas Sales | JPY 26.4 billion |
| :---: | :---: |
| Ratio | $41.3 \%$ |


| Overseas Sales | JPY 30.9 billion |
| :---: | :---: |
| Ratio | $43.0 \%$ |

## Result and Forecast for Sales and Operating Profit by Business Segment



Sales by Business (IFRS)

| Precision | CMP | (JPY Bn.) |
| :---: | :---: | :---: |
| Reduction Gears |  | 129.5 |
| - Hydraulic | 113.9 |  |
| 82.5 |  |  |
| 52.9 |  |  |
| 27.4 | 41.3 | 45.5 |
| 2:0 | 0.0 | 0-1 |
| Result | Result | Plan |
| 2016/12 | 2017/12 | 2018/12 |



- Railroad Vehicle Equipment - Aircraft Equipment
- Commercial Vehicle Equipment

Marine Vessel Equipment ■ Others

83.6

MFR
(JPY Bn.)
TRS
$\square$ Packaging Machines

- Others
(JPY Bn.)
19.4



## Main Products: Component Solutions Segment (CMP)

## Precision Reduction Gears

Joints of Industrial Robots


Nabtesco 60\%

No. 1
Approx. 60\% world market share

Hydraulic Equipment
■ Traveling Unit for Hydraulic Excavators

Approx.25\% world market share

■ Drive Units for Wind Turbines


## 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: Japan: Komatsu, Kobelco Construction Machinery, Kubota, Sumitomo Contruction Machinery China: Sany, Zoomlion, XCMG, Liu Gong
Drive Units for Wind Turbines: MHI, Hitachi, Ltd., Others

## Main Products: Transport Solutions Segment (TRS)

Railroad Vehicle Equipment

■ Brake Systems

■ Door Operating Systems


Others

## No. 1

Approx. 50\% Domestic Market Share


## Aircraft Equipment

■ Flight Control Actuation Systems (FCA)

- One of the four major world players for FCA systems (major FCA supplier to Boeing Company)
- Expanding business into engine accessories and power supply systems


## -

Nabtesco 70\%

## Main Products: Transport Solutions Segment (TRS)

## Commercial Vehicle Equipment

■ Wedge Chambers Others

- Air Dryers


Approx. 70\% Domestic Market Share


Approx. 75\% Domestic Market Share

- 2ST Main Engine Control Systems

Nabtesco 50\% No. 1

Approx. 50\% Domestic Market Share (Approx. 40\% World Market Share)

## Main Customers

■ Commercial Vehicle Equipment
Hino, Isuzu, Mitsubishi Fuso Truck \& Bus, UD Trucks

■ Marine Vessel Equipment
KHI, Mitsui Engineering \& Shipbuilding, MHI, Hitachi Zosen, Hyundai Heavy Industries (Korea),
Doosan Engine (Korea), Hudong Heavy Machinery (China), MAN Diesel (Denmark)

## Main Products: Accessibility Solution Segment (ACB)



## Automatic Doors

Automatic Doors for buildings: Major general contractors, sash manufacturers, hospitals, banks, public insititutions, etc.
Platform Doors: Subway projects in France and China, others

## Main Products: Manufacturing Solutions Segment (MFR)

## Packaging Machines

■ Packaging Machines for Retort Pouch Foods

domestic market share

## Nabtesco <br> moving it. stopping it.

