





## **Business Results**

Fiscal Year Ended March 31, 2009

May 8, 2009 Minebea Co., Ltd.





- 1. Financial Results
- 2. Policy and Strategy



## **Financial Results**

Hiroharu Katogi Director, Senior Managing Executive Officer



# Summary of Consolidated Business Results

## Net Sales and Income decreased significantly due to currency impacts, higher raw material costs and global recession

| (Millions of yen)          | Year ended<br>Mar. '08 | Year ended<br>Mar. '09 | Change | Forecast announced in January 2009 |             |
|----------------------------|------------------------|------------------------|--------|------------------------------------|-------------|
| (minorite et yen)          | Full year              | Full year              | YoY    | Full year                          | vs.forecast |
| Net sales                  | 334,431                | 256,163                | -23.4% | 260,000                            | 98.5%       |
| Operating income           | 30,762                 | 13,406                 | -56.4% | 17,500                             | 76.6%       |
| Ordinary income            | 27,691                 | 11,555                 | -58.3% | 15,500                             | 74.5%       |
| Income before income taxes | 25,254                 | 6,834                  | -72.9% | 11,500                             | 59.4%       |
| Net income                 | 16,303                 | 2,441                  | -85.0% | 6,500                              | 37.6%       |
| Net income per share (yen) | 40.86                  | 6.18                   | -84.9% | 16.46                              | 37.5%       |

| Foreign exchange rates | Mar. '08<br>Full year | Mar. '09<br>Full year | Remarks  |
|------------------------|-----------------------|-----------------------|--|
| US\$                   | ¥115.29               | ¥100.83               | () is on-shore rate reported by the Bank of  |
| Euro                   | ¥162.18               | ¥145.65               | Thailand. The large difference between the on-shore and off-   |
| Thai Baht              | ¥3.70<br>(¥3.39)      | ¥2 98                 | shore Thai Baht rates disappeared in March, 2008 when Thailand lifted its restrictions on short-term |
| Chinese RMB            | ¥15.40                | ¥14.64                | capital inflows.   |

# Quarterly Summary of Consolidated Business Results for 4Q

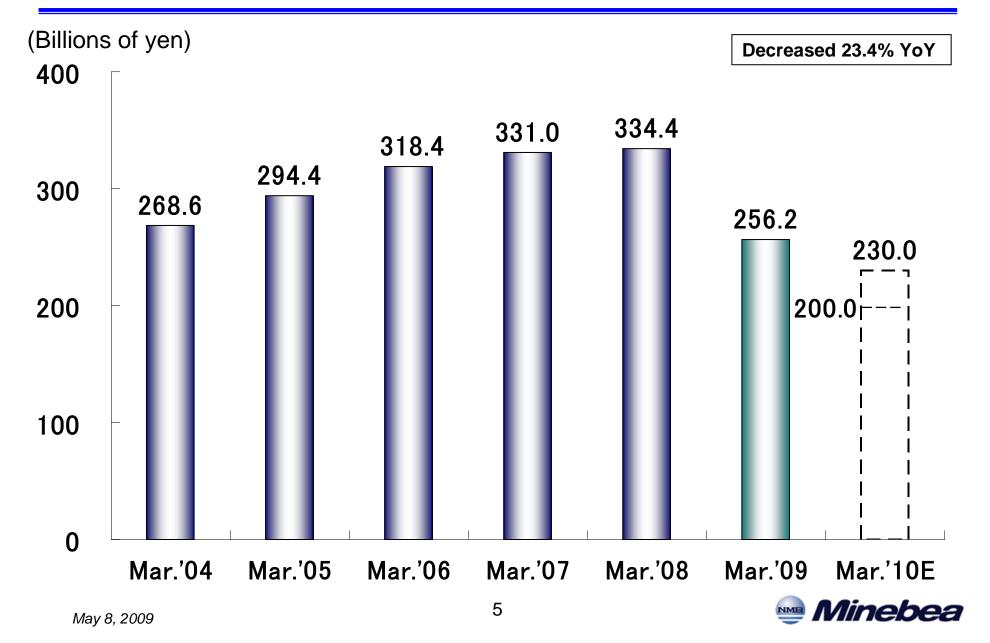
#### A significant decline in net sales caused losses

| (Millions of yen)          | FY ended<br>Mar. '08 | FY ended | d Mar. '09 | Change |        |  |
|----------------------------|----------------------|----------|------------|--------|--------|--|
|                            | 4Q                   | 3Q       | 4Q         | YoY    | QoQ    |  |
| Net sales                  | 81,042               | 59,166   | 46,384     | -42.8% | -21.6% |  |
| Operating income           | 7,286                | 4,532    | -2,824     | N.A.   | N.A.   |  |
| Ordinary income            | 6,999                | 4,094    | -3,430     | N.A.   | N.A.   |  |
| Income before income taxes | 6,055                | 2,920    | -6,187     | N.A.   | N.A.   |  |
| Net income                 | 3,775                | 2,447    | -6,211     | N.A.   | N.A.   |  |
| Net income per share (yen) | 9.46                 | 6.24     | -15.61     | N.A.   | N.A.   |  |

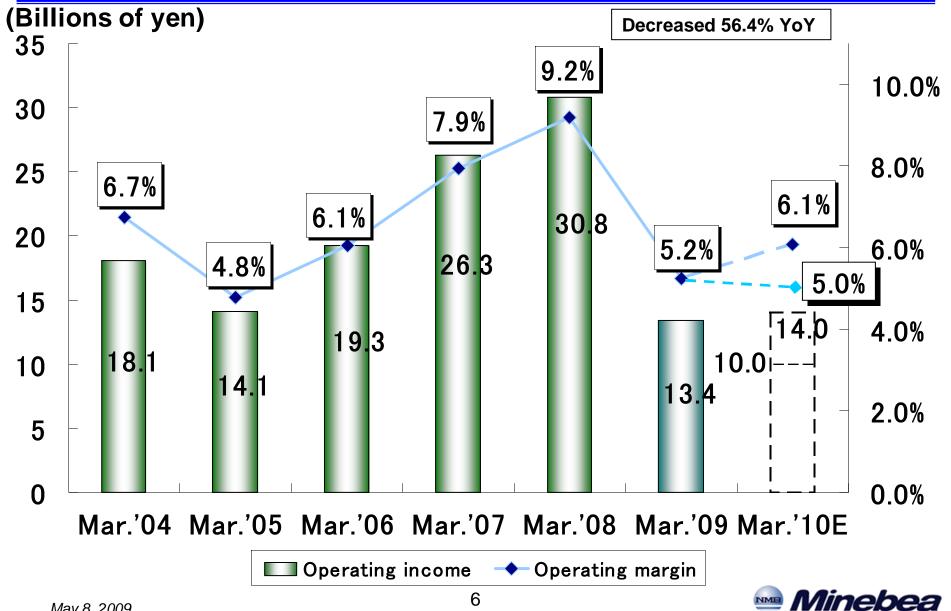
| Foreign exchange rates | 4Q of FY<br>Mar. '08 | 3Q of FY<br>Mar. '09 | 4Q of FY<br>Mar. '09 | Remarks   |
|------------------------|----------------------|----------------------|----------------------|---|
| US\$                   | ¥108.44              | ¥99.17               | ¥92.80               | ( ) is on-shore rate reported by the  |
| Euro                   | ¥161.16              | ¥132.72              | ¥122.57              | Bank of Thailand. The large difference between the  |
| Thai Baht              | ¥3.60<br>(¥3.29)     | ¥2.85                | ¥2.63                | on-shore and off-shore Thai Baht<br>rates disappeared in March, 2008<br>when Thailand lifted its restrictions |
| Chinese RMB            | ¥15.06               | ¥14.51               | ¥13.54               | on short-term capital inflows.  |



## **Net Sales**

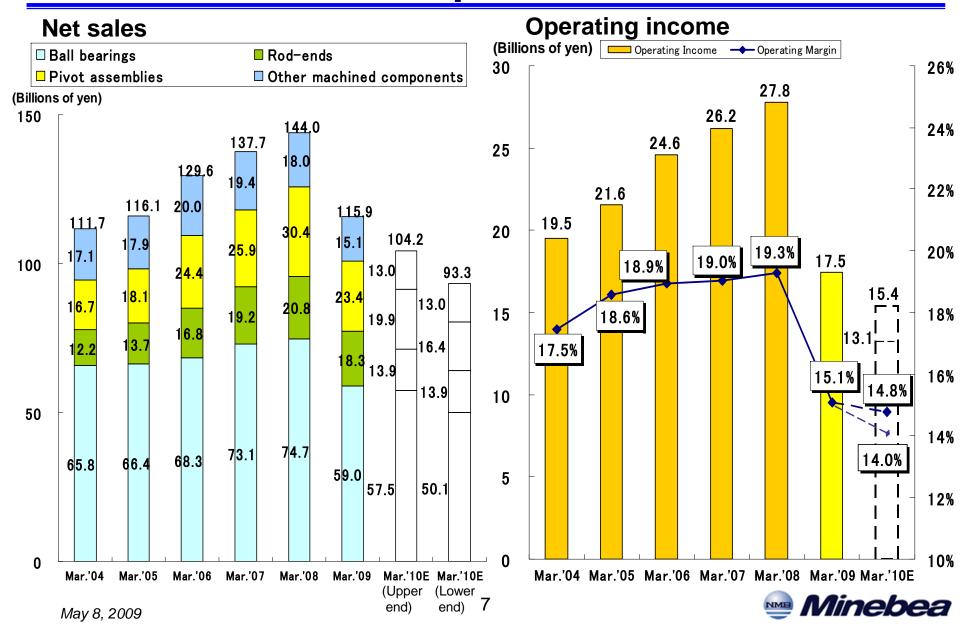


## **Operating Income**



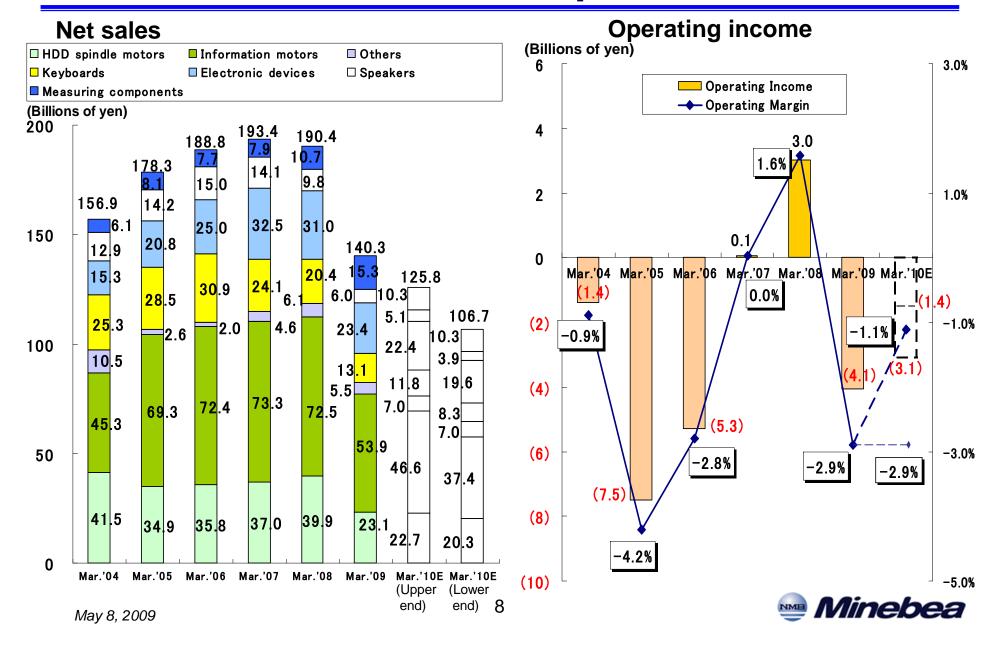
#### **Business Segments**

## **Machined Components Business**

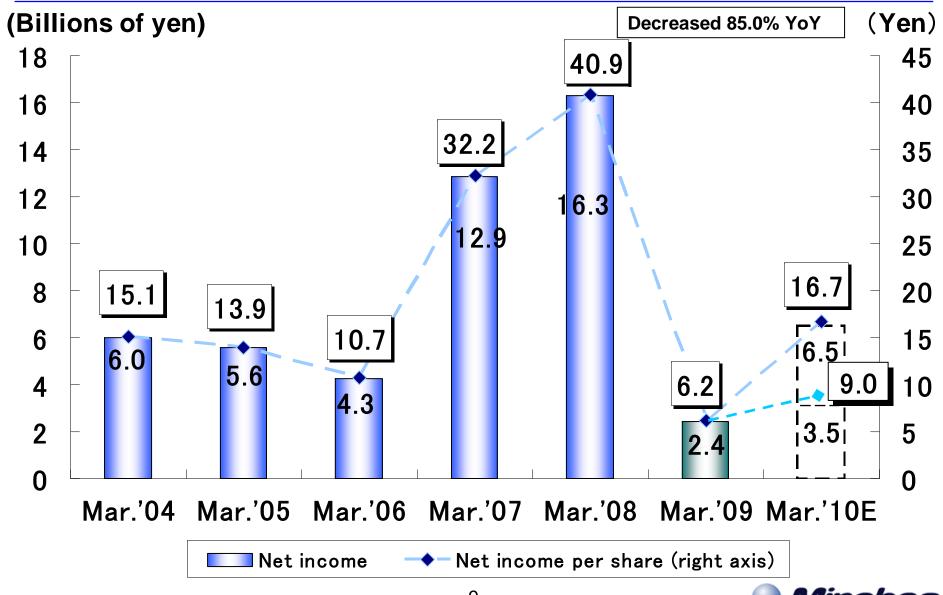


#### **Business Segments**

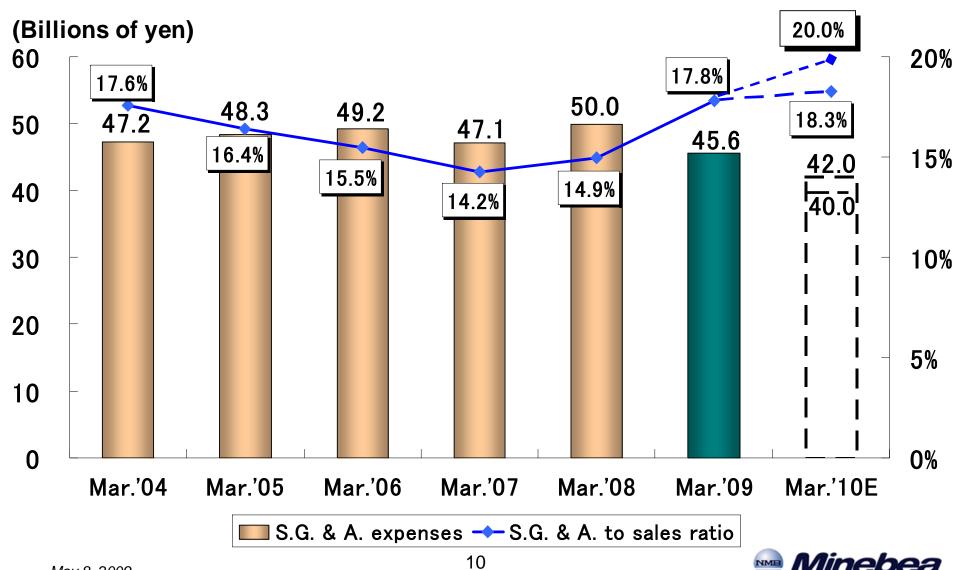
## **Electronic Devices & Components Business**



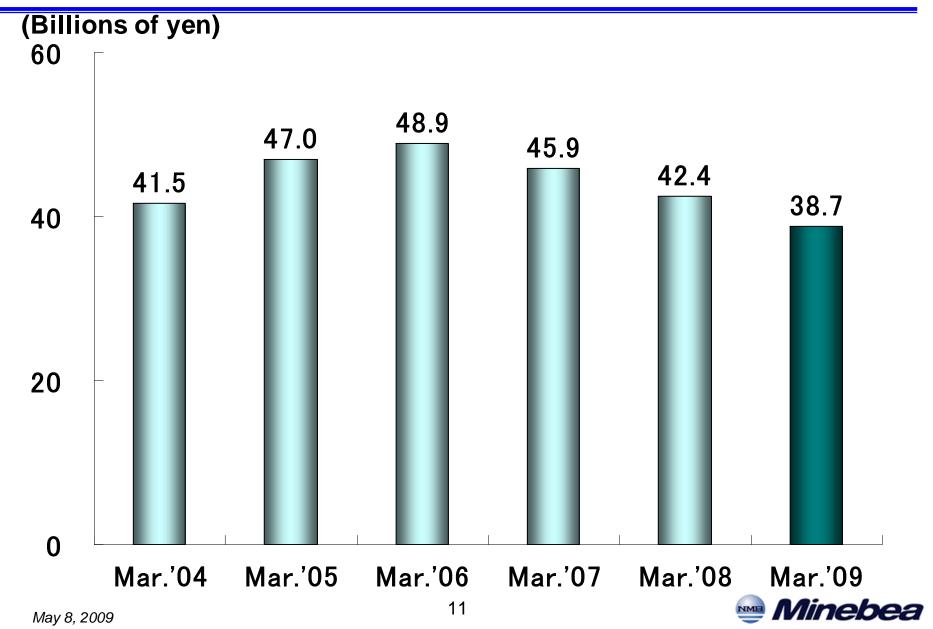
## **Net Income**



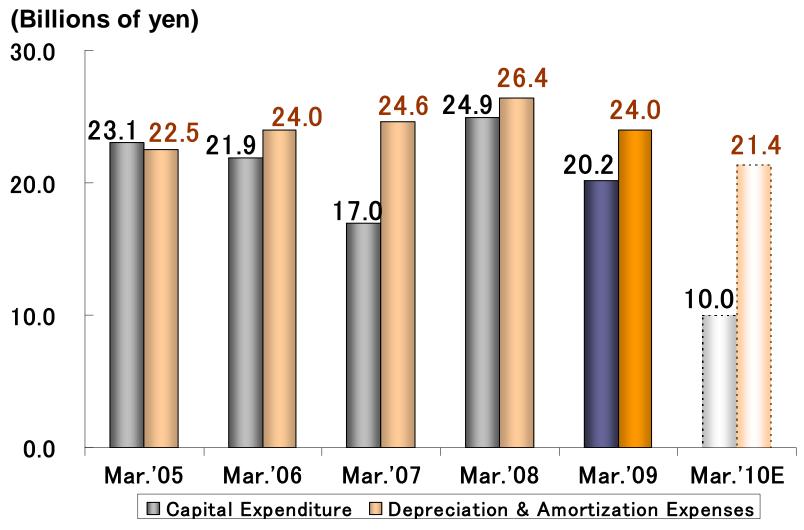
## S.G. & A. Expenses



## **Inventories**



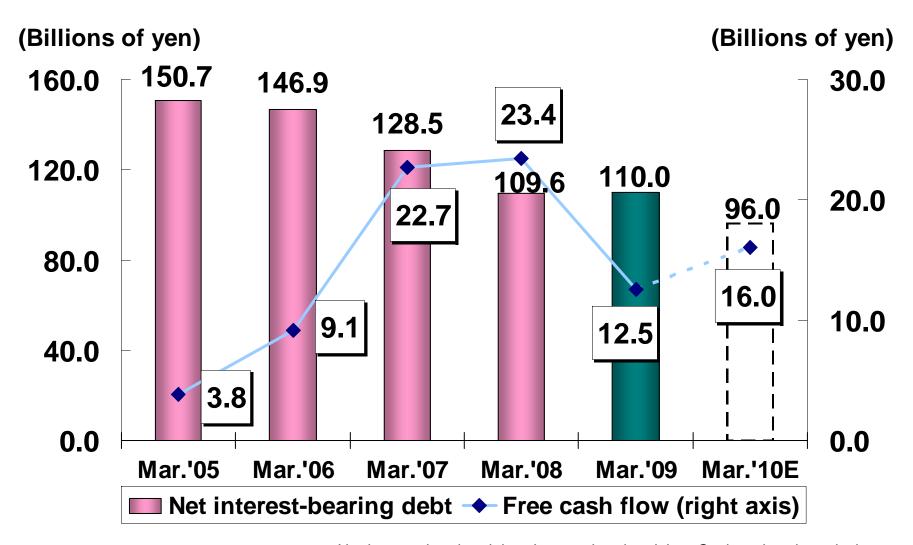
## **Capital Expenditure & Depreciation**



\*From FY 3/09, due to change in lease accounting, assets of finance leases are included.



## **Net Interest-Bearing Debt**



Net Interest-bearing debt = Interest-bearing debt - Cash and cash equivalents Free Cash Flow = CF from operating activities + CF from investing activities

### **Cost Reduction Measures**

## **Cuts in executive pay**

• Executive pay cut by 5% to 30%. No executive bonuses this year.

## Closure of UK Skegness factory

Closed in April, about 2 billion yen per year cost reduction expected.

## Early retirement program in Thailand

- 2,750 employees (about 10% of total) in Thailand applied and retired in March.
- About 2 billion yen per year cost reduction expected.



# Forecast for Fiscal Year Ending March 31, 2010

## A clear forecast is difficult, but we assume only limited and gradual global economic recovery this fiscal year

|                            | FY ended<br>Mar. '09 | Fiscal Year ending Mar. '10 |              |                |              |                 |              |
|----------------------------|----------------------|-----------------------------|--------------|----------------|--------------|-----------------|--------------|
| (Millions of yen)          |                      | 1st Half Range              |              | 2nd Half Range |              | Full year Range |              |
|                            | Full year            | Upper<br>end                | Lower<br>end | Upper<br>end   | Lower<br>end | Upper<br>end    | Lower<br>end |
| Net sales                  | 256,163              | 105,500                     | 96,000       | 124,500        | 104,000      | 230,000         | 200,000      |
| Operating income           | 13,406               | 3,500                       | 1,800        | 10,500         | 8,200        | 14,000          | 10,000       |
| Ordinary income            | 11,555               | 2,200                       | 600          | 9,100          | 7,000        | 11,300          | 7,600        |
| Income before income taxes | 6,834                | 2,200                       | 600          | 8,900          | 6,800        | 11,100          | 7,400        |
| Net income                 | 2,441                | 800                         | -700         | 5,700          | 4,200        | 6,500           | 3,500        |
| Net income per share (yen) | 6.18                 | 2.06                        | -1.80        | 14.65          | 10.80        | 16.71           | 9.00         |

| Foreign exchange rates | FY ended<br>Mar. '09 | FY ending<br>Mar. '10<br>Assumption |
|------------------------|----------------------|-------------------------------------|
| US\$                   | ¥100.83              | ¥91.00                              |
| Euro                   | ¥145.65              | ¥128.00                             |
| Thai Baht              | ¥2.98                | ¥2.60                               |
| Chinese RMB            | ¥14.64               | ¥13.00                              |





## Policy and Strategy

#### Yoshihisa Kainuma

Representative Director,
President and Chief Executive Officer



## My Mission as CEO

#### Increase earnings per share

Maximize earnings per share and increase shareholders' value

Increase shareholders' value

Lay foundation for Minebea's 100th anniversary

Enhance corporate resources and be clear about exactly where we are heading

Enhance corporate resources



## In Order to Increase Earnings Per Share



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# How Can We Maximize Corporate Resource Efficiency?

Our previous basic management policy

Produce better products faster and cheaper in larger quantities than anyone else

Win the competition with manufacturing excellence and technological competency



What is our Strategy?

Must identify our competitive advantages

What is our core competency?



## What Is Our Competitive Advantage?

Our unique characteristics

Vertically integrated production system from parts to finished products

Extensive product lines including Machined components, Rotary components, Electronic devices and components, and Special device



Integrate these inherent corporate resources to gain competitive edge

**Utilize our integrated strengths** 

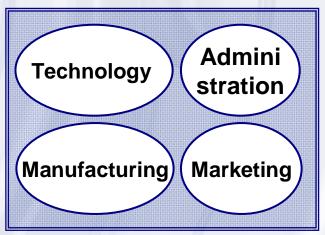
How?

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## **How Can We Integrate Our Strengths?**

Must boost integration of our vertical and horizontal strengths



**Boost Vertical Strength** 



Enhance ability to meet demand for flexible pricing

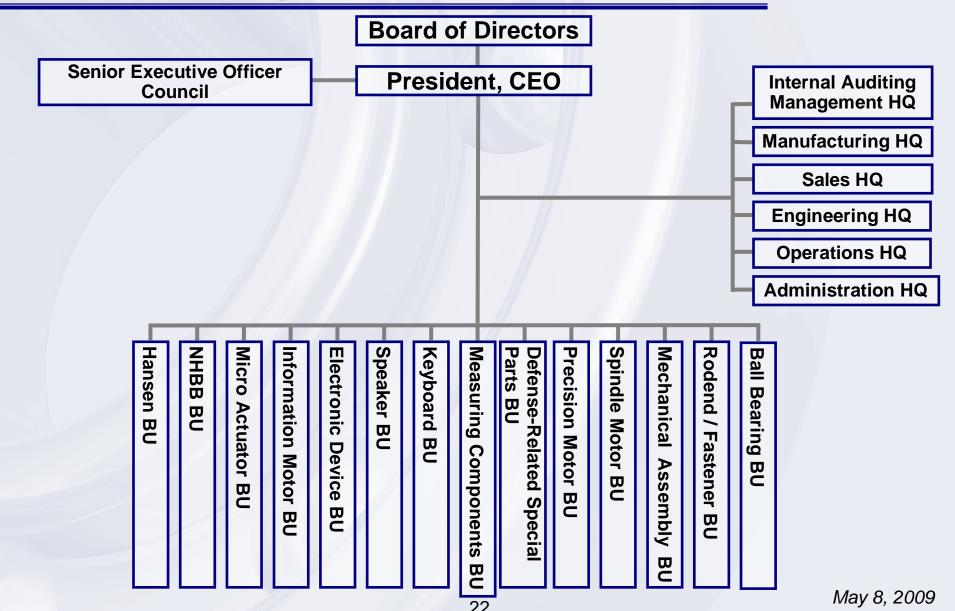
**Boost Horizontal Strength** 



Enhance ability to meet customer requirements



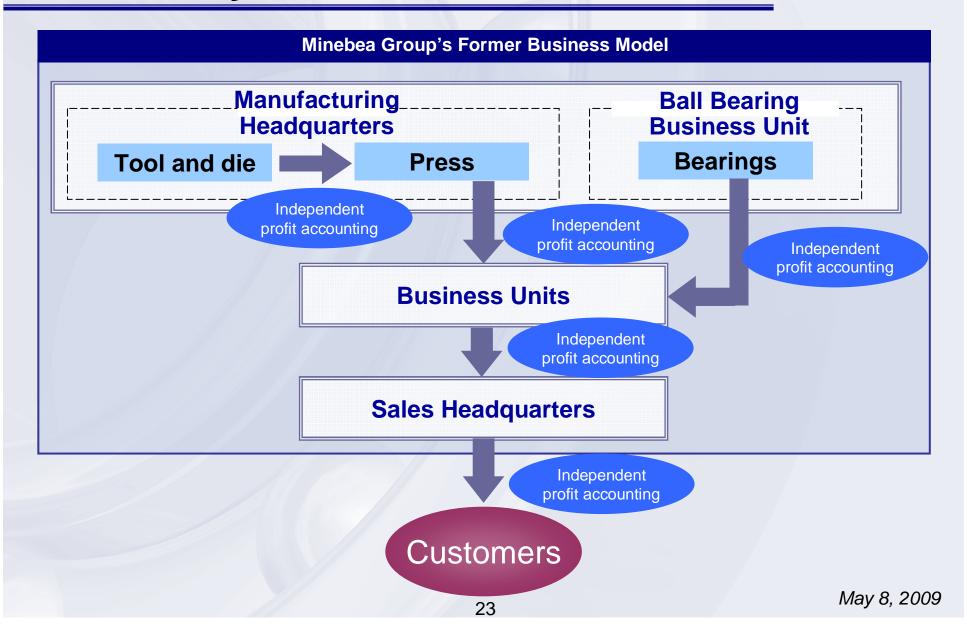
## **Previous Organization Chart**





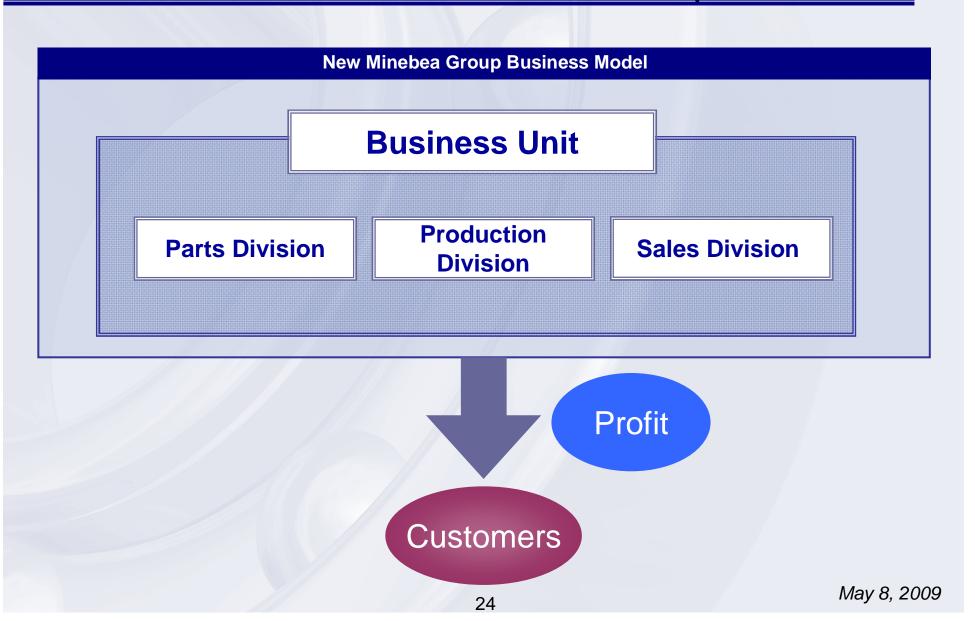
#### **Boost Vertical Integrated Strength**

## Current System from Manufacturing to Delivery





## Boost Vertical Integrated Strength After Organizational Change: To Enhance Price Competitiveness





#### **Boost Horizontal Integrated Strength (1)**

## Reorganize Business Portfolio

### 4 Groups Plus 1

## Machined Components

- Ball bearing
- Rod end bearing / fastener
- Mechanical assembly
- NHBB

## Rotary Components

- Information motor
- Precision motor
- Micro actuator
- Hansen
- HMSM

## **Electronic Devices** and Components

- Lighting device
- Circuit component
- Measuring components
- Keyboard
- Speaker

#### **Special Device**

Special Device

Spindle motor



Manage in ICU for focused and quick remedy



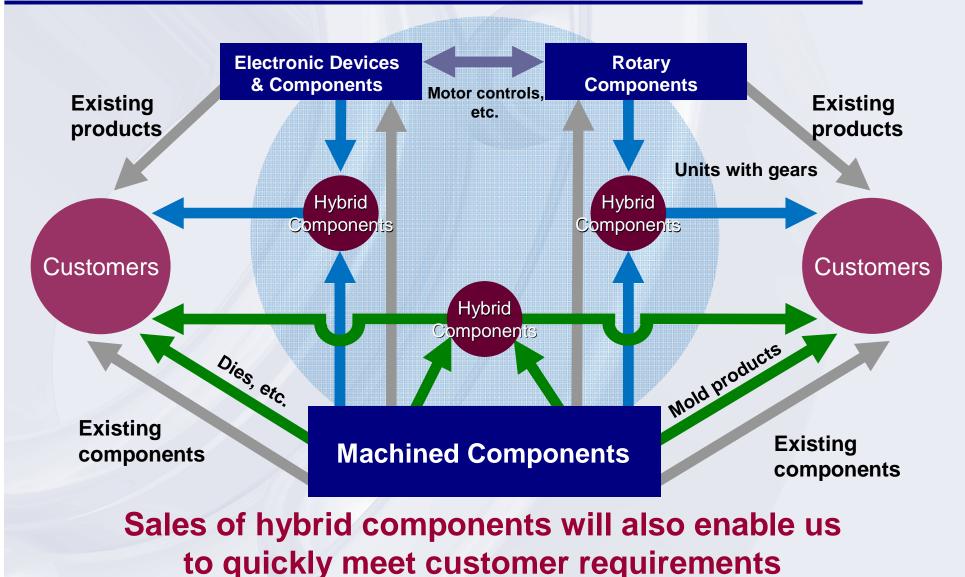
Boost integrated strength through cross-organizational R&D/sales activities and technology/information sharing



**Boost Horizontal Integrated Strength (2)** 

## **Create New Business Model**

(Sales of Hybrid Components)



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#### **Boost Horizontal Integrated Strength (3)**

## **New Hybrid Components Concept**





## **Electro Mechanics Solution**



Strengthen development and marketing of high-value-added hybrid products

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#### **Boost Horizontal Integrated Strength (3)**

## **Electro Mechanics Solutions: Product examples**

#### Fan Motor + Mechanical Component + Electronic Circuits + Software

HMSM: Heat Management System Module (Cooling system for data communications/processing equipment)



#### **Stepping Motor + Gear**

Stepping motor for HVAC



#### **BLDC Motor + Gear Box**

Motor for driving mobile phone repeater antenna



#### DC Motor + Gear + Plate

Digital camera zoom drive unit



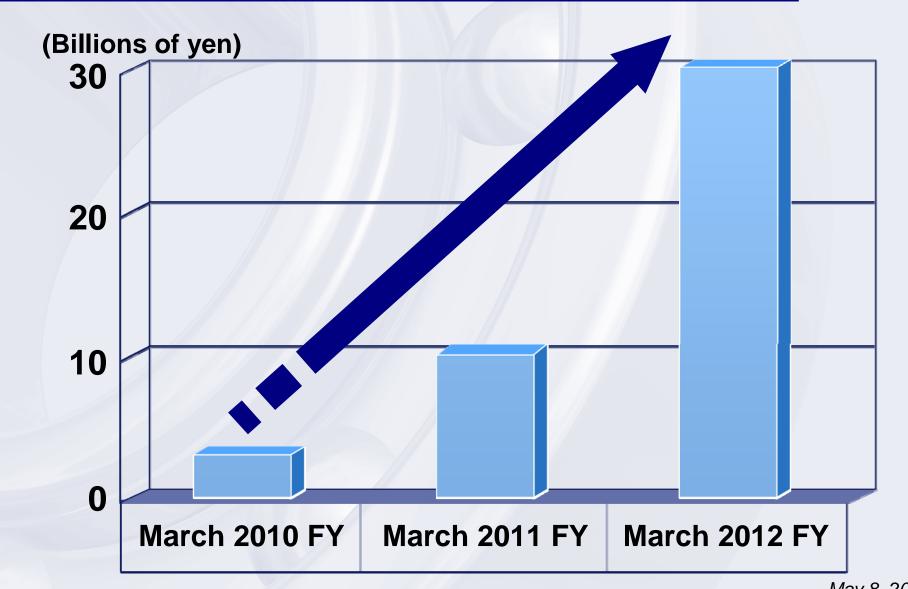
Drive unit (under development)





#### **Boost Horizontal Integrated Strength (3)**

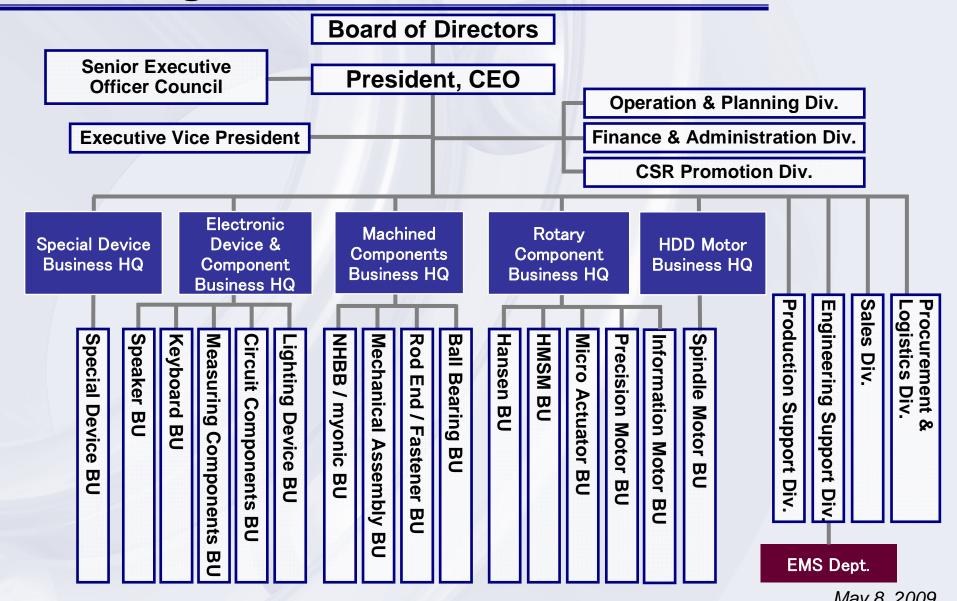
## **Image of Expanding Hybrid Components Sales**



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## **New Organization Chart**



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## Maximize Earnings Per Share

## Need to take action beyond manufacturing

**Establish new Cost Reduction Promotion Office** 

Review policy of repurchasing own shares

**Consider various equity measures** 

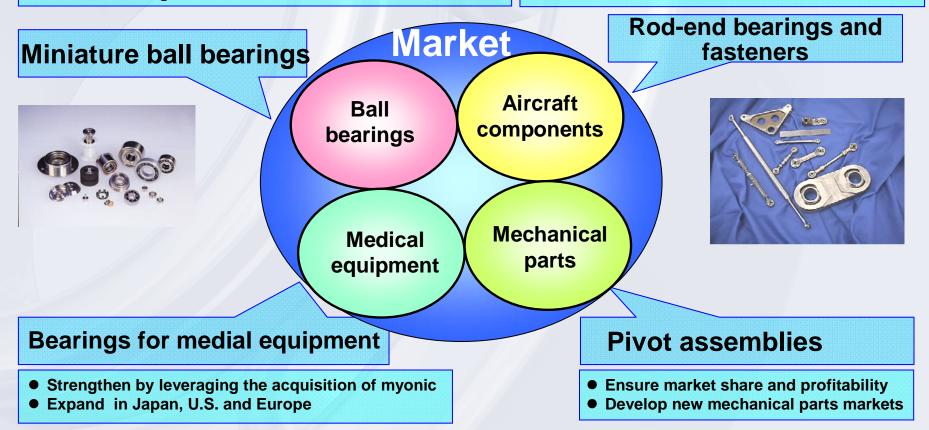


## **Machined Components**

#### Strengthen and expand this business area, which is our profit base

- Abrupt market slowdown → efforts to maintain profitability
- Enhanced operational and energy efficiency at the new ball bearing factory specializing in machining
- Closure of Skegness Plant in UK

- Expand product lines (hybrid products)
- Completion of new rod end factory
- Build new surface treatment factory in Fujisawa





## Acquisition of myonic

#### 1. About myonic

- (1) Founded: 1936 (as RMB SA)
- (2) Locations: Germany and Czech Republic (production), U.S. and Europe (sales)
- (3) Sales: 33 million euro (Year ending December 2008)

#### 2. myonic product features

- (1) Large share in European market of bearing products for dental and medical equipment
- (2) Complex Assemblies: Ability to develop and manufacture high value added products (i.e. ball bearing assemblies for computer tomography and mammography devices)

#### 3. Acquisition goals

(1) Dental/medical equipment market: Japan (Minebea), US (NHBB) + Europe (myonic)

Establish tri-polar structure with 3 brands ... Increase global share further

- (2) Provide more extensive product line: High precision and quality
- (3) Expand in aerospace market



## **Acquisition of myonic**

Products for medical/dental industry (63% of sales)

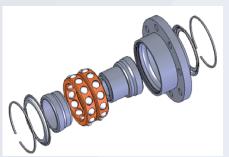
- => Expanding market
- Ball bearings for dental handpieces
  - Features: 1. Handle ultra high speed: 500,000 rpm
    - 2. Superior retainer technology
- Ball bearing assemblies for computer tomography (CT) and mammography devices
  - Features: 1. Used in a vacuum at high temperature (about 540°C) to keep clean.
    - → Grease cannot be used, so special coatings are employed for lubrication.
    - 2. Advanced processing and assembly techniques are required.

**Products for aerospace industry (20% of sales)** 

- Ball bearing assemblies for satellites
  - Features: 1. Used in outer space environment (vacuum, extremely high/low temperatures).
    - → Grease cannot be used, so special coatings are employed for lubrication.
    - 2. Advanced processing and assembly techniques are required.



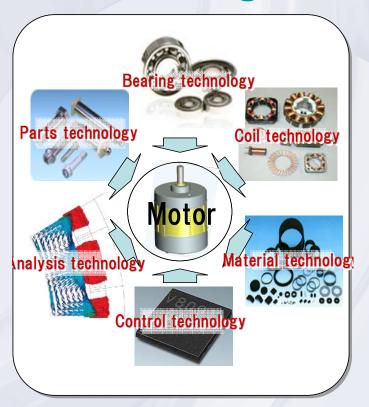


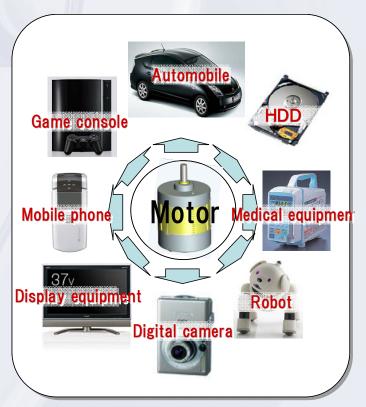




## **Rotary Components**

# Create synergies by consolidating motor related businesses





Structural reform to make Information Motor business profitable has been completed



#### **Launch of Micro Actuator Business Unit**

#### Growth and synergies resulting from acquisition of FDK's stepping motor business

Advantages in design and processing of certain parts => Urgently implementing across the organization

#### **Micro Actuator Business Unit**

- (1) Product lines focusing on small size products measuring 10 mm or less in diameter
- (2) Currently working to bring more parts production in-house
- (3) Applications include auto focus of digital cameras, automobile HVAC, etc.

### **Synergy Effects**

- Completion of product line ..... Expand target market & enhance marketing capability
- Technological fusion Synergy between product technologies and synergy Minebea's in-house production technology

#### New Products (See press release for more details)

- (1) Commercialization of the world's smallest stepping motor 3.3 mm diameter (20 steps). Mass production scheduled for end of 2009.
- (2) Mass production of 6 mm diameter stepping motor (40 steps)

  First in the world to achieve 40 steps with this size

  (For lens units. Working to expand to other areas of application.)







## **New DC Brush Motors (S Series)**

#### **Product Features**

- (1) Small, lightweight, high torque (same torque but half the volume of predecessors, or twice the torque but same volume as predecessors)
- (2) New rounded edge design for increased freedom of installation in equipment
- (3) Low noise (2-pole 3-slot => 4-pole 6-slot), low cogging, long life
- (4) Extensive product line from 5x5 mm to 30x30 mm

#### **Major Applications**

Electrical components, consumer electronics (DSC, optical drives, home appliances, etc.), industrial applications

#### **Major Patents Obtained**

US patent obtained for square shape with magnets placed in four corners Others • 90° brush angle

• Thin neodymium magnet

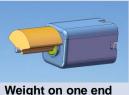
• Square shape construction
Use of four cornered space

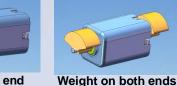
• Six maximum-width slot cores

• High density wiring
• Optimal magnetic circuit design

#### **Application in Vibration Motors (LEGO Series)**

- 1. Major applications: mobile phones, PDAs, handheld game consoles, etc.
- 2. Compact and high vibration, ideal for small devices
- 3. Can be used for both haptics and vibration functions thanks to enhanced start-up characteristics





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## **Electronic Device & Component**

Optical Devices - Sensors - Electronics -

#### **LED Backlights**

- Moving towards mass production of LED backlights for notebook PCs
- Working to expand customer base in the automobile industry
- Now expanding with aim to achieve largest market share in LED backlights for mobile and automobile applications
- Aiming at on TV applications

#### **Measuring Components**

- Expansion in the sensor business
- Develop new markets in addition to passenger seat and game console applications

## **Keyboards Speakers**

- Improve keyboard business which had worse profitability
- Remaining tasks for improvements in speaker business



## Final Challenges for HDD Spindle Motor Business

Remaining tasks for improving profitability of HDD spindle motor business

Put the spindle motor business into ICU

Active involvement of relevant senior executive officers

Some positive developments in profitability improvement efforts in fiscal year ended March 31, 2009.

- Improved product mix: Focus on 2.5-inch products
- Improved yields

Sales volume target was not achieved due to worsened market conditions

 Actual results were 3.4 million units/month despite production/sales target of 4 million units/month

Implement thorough cost reductions to balance revenues and expenses this fiscal year

May 8, 2009



## Rebuilding Keyboard Business

• The business was back in the black for the fiscal year ending March, 2008, as a result of restructuring and a policy focusing on product mix. The business fell back into the red in the fiscal year ended March, 2009, due to declining sales on top of increased material costs, etc.

#### Key strategies for the fiscal year ending March, 2010

- Develop high-value-added products
  - Gain new customers with LED mounted keyboards, waterproof keyboards, etc.
- Cut costs and improve efficiency
  - Review dies, boost production efficiency, optimize personnel and increase personnel efficiency
- Develop new technologies for new markets
  - Develop new products like pointing sticks using proprietary technology
  - Develop new input devices



## Rebuilding Speaker Business

•Launch of fully fabless operations which had been planned at the beginning of the fiscal year ended March, 2009 was postponed to the second half of the fiscal year upon customer request. This as well as declining sales left the business in the red.

#### Key strategies for fiscal year ending March, 2010

- Increase sales
  - Increase business with existing customers and win new customers
- Enhance design, technological and development capabilities to increase sales of new next-generation models
- Solve production problems



## **Basic Financial Strategy**

#### Maintain sound financial structure and flexible strategy

- Annual dividend of 7 yen (interim 5 yen and year end 2 yen) per share will be proposed due to large decreases in revenue and profit in the fiscal year ended March, 2009
- Net interest-bearing debts did not reach the 100 billion yen target due to abrupt changes in the operating environment as well as M&A, etc.
- Continue focus on maintaining a sound financial structure and creating cash flow with an eye to keeping net interest-bearing debts in 100 billion yen range.

#### **Dividend Policy**

Our basic dividend policy gives priority to enhancing equity efficiency and improving returns to our shareholders, with dividends reflecting performance in light of the overall business environment while maintaining stable and continuous distributions of profits.

#### M&A

We will work actively toward realizing M&As that create synergy and accelerate growth.

- •We will analyze our current status and work to further enhance our strengths while reinforcing areas where we find weaknesses.
- •M&A is one of the tools we will use to enhance our integrated strength.



# Minebea Co., Ltd. Business Results

http://www.minebea.co.jp/

Any statements in the presentation which are not historical fact are future projections made based on certain assumptions and executive judgment drawn from currently available information.

Please note that actual performance may vary significantly from any particular projection due to various factors.

Factors affecting our actual performance include: (i) changes in economic conditions or demand trends around Minebea; (ii) fluctuation of foreign exchange rates or interest rates; and (iii) our ability to continue R&D, manufacturing and marketing in a timely manner in the electronics business sector, where technological innovations are rapid and new products are launched continuously. However, this is not a complete list of the factors affecting actual performance.

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