# NSK

## FINANCIAL CONFERENCE Consolidated Business Results and Forecast

## May 15, 2009 NSK Ltd.

#### **Cautionary Statements with Respect to Forward-Looking Statements**

Statements made in this report with respect to plans, strategies and future performance that are not historical fact are forward-looking statements. NSK cautions that a number of factors could cause actual results to differ materially from those discussed in the forward-looking statements. Note : This document is an English translation of material written initially in Japanese. The Japanese original should be considered the primary version.

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### 1. Consolidated Business Results for the Year Ended March 31, 2009

## Summary of Consolidated Business Results for the Year Ended March 31, 2009



### **Business Environment**

Although sales remained robust in the first half of the year, dramatic changes in the business environment after Q3 caused a rapid downturn in demand ]

Although sales were robust in infrastructure-related investment fields, such as wind turbine and railway sectors, demand from the industrial machinery sector including machine tool, construction machinery manufacturers decreased severely.

In addition to significant slowdown in global demand for automobiles, the decline in production by automakers deepened and negatively affected our business results

Demand from the liquid crystal display and semiconductor production sectors was stagnant.

### **Business Results**

Net sales 647.6 billion (16.1% decrease) Operating income 22.1 billion (68.1% decrease)

Ordinary income 17.0 billion (73.8% decrease) Net income 4.6 billion (89.3% decrease)

Emergency profitability countermeasures were taken to address the rapid downturn in demand

 $\rightarrow$ the effects contributed to profitability in the second half of the year

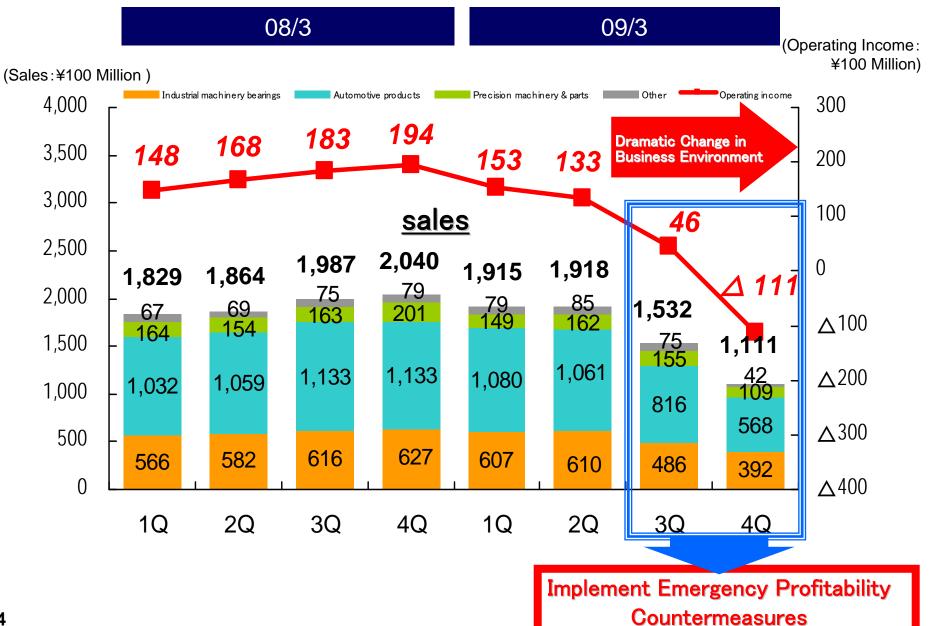
<Profitability/Cash Countermeasures> \* Reduced labor expenses \* Reduced capital investments \* Sales expansion activities \* Reduced inventories

Major reduction in capital expenditure: FY'2007 ¥52.0 billion⇒ FY'2008 ¥41.9 billion

Dividend Forecast: FY'2007 ¥19.0/year⇒ FY'2008 ¥14.0/year (Mid-term ¥10.0,Year-end ¥4.0)

### **Summary of Consolidated Business Results** for the Year Ended March 31, 2009





### **Respond to Rapid Changes in Business Environment**



Emergency Profit	ability Countermeasures	09/3 Positive Effects
Adjust plant operation and reduce labor costs in order to respond to steep volume reduction	<ul> <li>Adjust production         <ul> <li>Reduce plant operation and shift labor</li> </ul> </li> <li>Take urgent action to reduce labor costs         <ul> <li>Streamline global workforce</li> <li>Reduce compensation for directors, board members and managers</li> </ul> </li> </ul>	Effect of reduced labor and other costs etc., * Global downsizing * Reduction of labor costs and other expenses
Introduce additional countermeasures	<ul> <li>Reduce SG&amp;A expenses and other expenses</li> <li>Accelerate sales expansion activities</li> </ul>	Total ¥6.0 billion
Revise capital expenditure	<ul> <li>Freeze capital expenditure for reinforcement</li> <li>Make use of existing equipment effectively</li> </ul>	Original Forecast (announced in May, 2008) : ¥45.0 billion Actual (Full Year) : ¥41.9 billion Total Reduction −¥3.1billion
Reduce inventory	<ul> <li>Major production adjustment</li> <li><u>Thorough management of</u> production, sales and inventories</li> </ul>	(Inventory:¥100 Million) -¥125 08/3 end 08/9 end 08/12 end 09/3 end 1,018 1,192 1,198 1,067

### **Summary of Consolidated Business Results for the Year Ended March 31, 2009**



(100 Million)	08/3 <actual></actual>	09/3 <actual></actual>	Increase/ decrease YOY	Difference YOY
Sales	7,720	6,476	-1,244	-16.1%
Operating income	693	221	-472	-68.1%
<%>	<9.0%>	<3.4%>		
Ordinary income	649	170	-479	-73.8%
Extraordinary gains	8	5	-3	-39.4%
Extraordinary losses(※)	21	72	+51	-
Income before tax	636	103	-533	-83.8%
Net income	426	46	-380	-89.3%
(Exchange rate:1US\$=) ( // 1EURO=)	(¥114.55) (¥162.22)	(¥100.74) (¥144.47)		
[Major Indexes]				
ROE	16.1%	1.8%		
Net D/E ratio (times)	0.56	0.85		
Inventory turnover (times)	7.5	6.2		

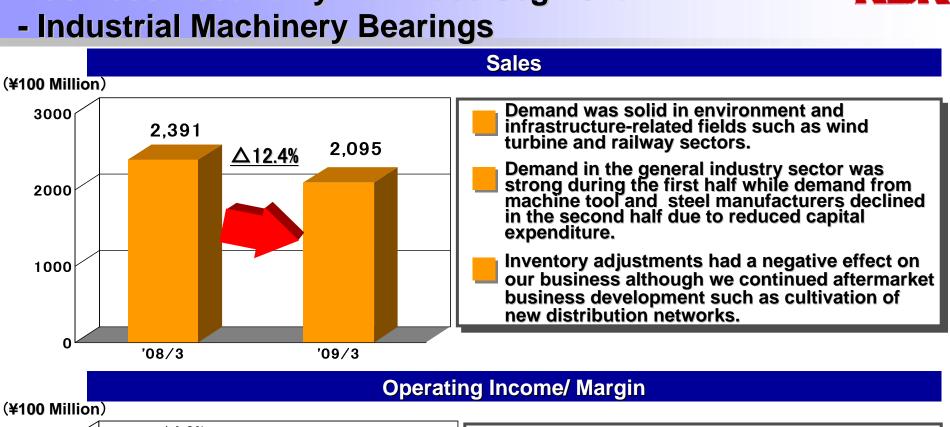
Breakdown of	Loss on devaluation of investment securities Costs related to business restructuring	(¥100 Million) 39 33
Extraordinary losses	Total	72

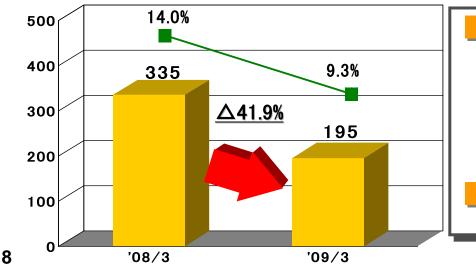
## **Business Results by Business Segment**



(¥100 Million)	08/ <actu< th=""><th></th><th>09/ <actu< th=""><th></th><th>Increase/ decrease YOY</th><th>Difference YOY</th></actu<></th></actu<>		09/ <actu< th=""><th></th><th>Increase/ decrease YOY</th><th>Difference YOY</th></actu<>		Increase/ decrease YOY	Difference YOY
Sales	7,720		6,476		-1,244	-16.1%
Industrial bearings	2,391		2,095		-296	-12.4%
Automotive products	4,357		3,525		-832	-19.1%
Precision machinery & parts	682		575		-107	-15.7%
Other	562		507		-55	-9.9%
Eliminations	-272		-226		+46	
Operating income	693	<9.0%>	221	<3.4%>	-472	-68.1%
Industrial bearings	335	<14.0%>	195	<9.3%>	-140	-41.9%
Automotive products	307	<7.0%>	68	<1.9%>	-239	-77.8%
Precision machinery & parts	86	<12.6%>	5	<0.9%>	-81	-93.9%
Other	28	<5.1%>	8	<1.6%>	-20	-70.7%
Eliminations/ Corporate	-63		-55		+8	-

## **Business Results by Business Segment**





Despite an increase in sales price and profitability countermeasures, an increase in depreciation and the expenditure of the Fujisawa No.2 Plant launch had a negative impact on results, in addition to external factors such as volume reduction, an increase in steel price and the strong yen.

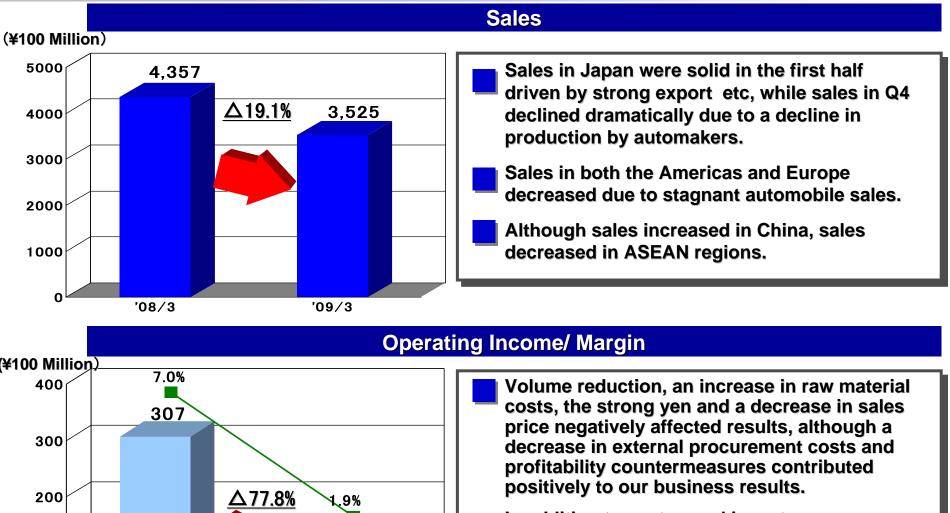
Despite lower profit levels, the industrial machinery business helped bolster the company's' overall profitability.

### **Business Results by Business Segment**

68

'09/3

### - Automotive Products



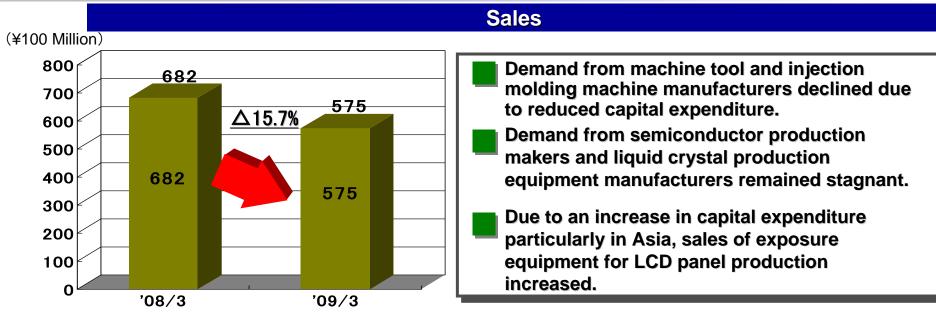
In addition to customers' inventory adjustment, curtailment of factory operations due to reduction in inventory negatively affected our business in the second half.

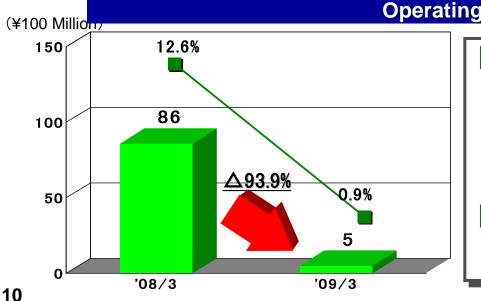
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'08/3

### **Business Results by Business Segment** - Precision Machinery and Parts





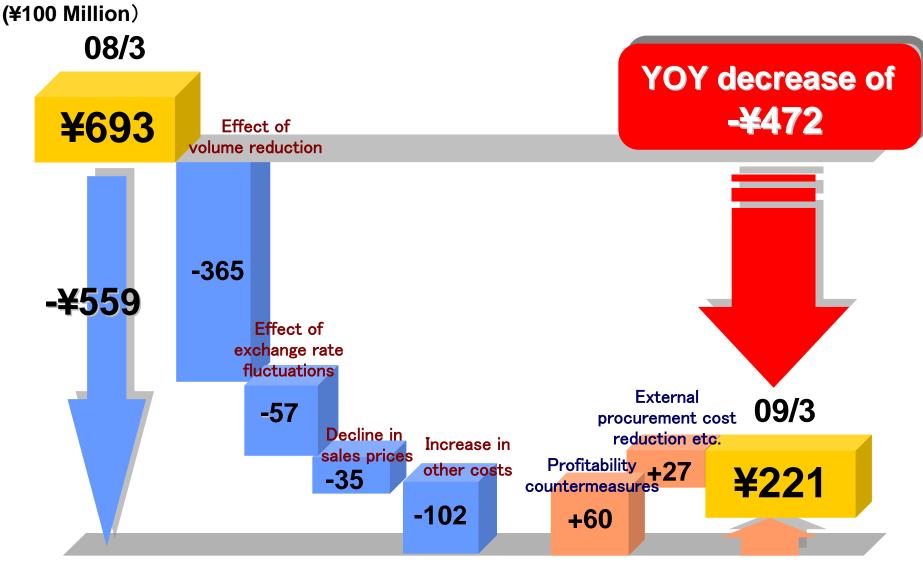


#### **Operating Income/ Margin**

Although we implemented profitability countermeasures to reduce labor and administrative costs, results were negatively affected by a dramatic decline in sales of linearmotion and mechatronics products and the curtailment of operations to reduce inventory.

We must work urgently to improve productivity through sales expansion activities to new growth fields, reduction in labor costs etc.

## Operating Income: Improvement Factors (08/3 $\Rightarrow$ 09/3)



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## **Business Results by Geographical Segment**

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(¥100 Million)	<b>08</b> <acti< th=""><th></th><th>09/3 <actual< th=""><th>&gt;</th><th>Increase/ decrease YOY</th><th>Difference YOY</th></actual<></th></acti<>		09/3 <actual< th=""><th>&gt;</th><th>Increase/ decrease YOY</th><th>Difference YOY</th></actual<>	>	Increase/ decrease YOY	Difference YOY
Sales	7,720		6,476		-1,244	-16.1%
Japan	5,580		4,794		-786	-14.1%
The Americas	1,060		782		-278	-26.2%
Europe	1,400		1,146		-254	-18.1%
Asia	1,180		1,085		-95	-8.1%
Eliminations	-1,500		-1,331		+169	-
Operating Income	693	<9.0%>	221	<3.4%>	-472	-68.1%
Japan	468	<8.4%>	66	<1.4%>	-402	-86.0%
The Americas	49	<4.6%>	9	<1.2%>	-40	-81.0%
Europe	101	<7.2%>	94	<8.2%>	-7	-7.0%
Asia	132	<11.2%>	96	<8.8%>	-36	-27.5%
Eliminations/ Corporate	-57		-44		+13	-

## **Business Results by Geographical Segment**

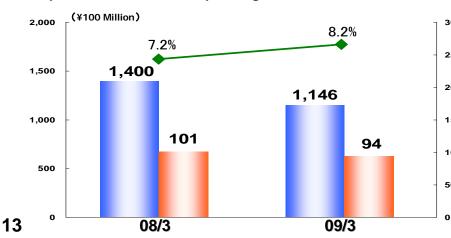


#### Japan

Despite lower external procurement costs, an increase in sales prices and profitability countermeasures, operating income decreased 86.0% YOY due to volume reduction, an increase in steel price, the strong yen, decrease in sales price for some products and an increase in

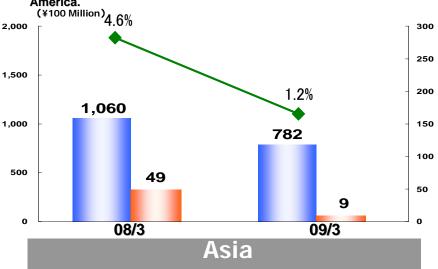


Despite volume reduction and an increase in steel price, in addition to external procurement costs and an increase in sales price, decline in operating income was limited to a decrease of 7.0% YOY due to positive effect of a weaker pound against the Euro.

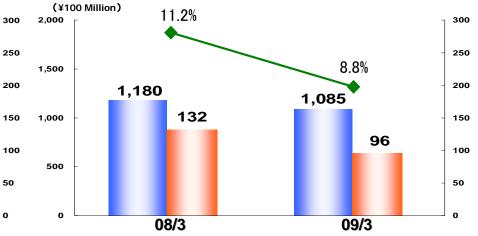


#### The Americas

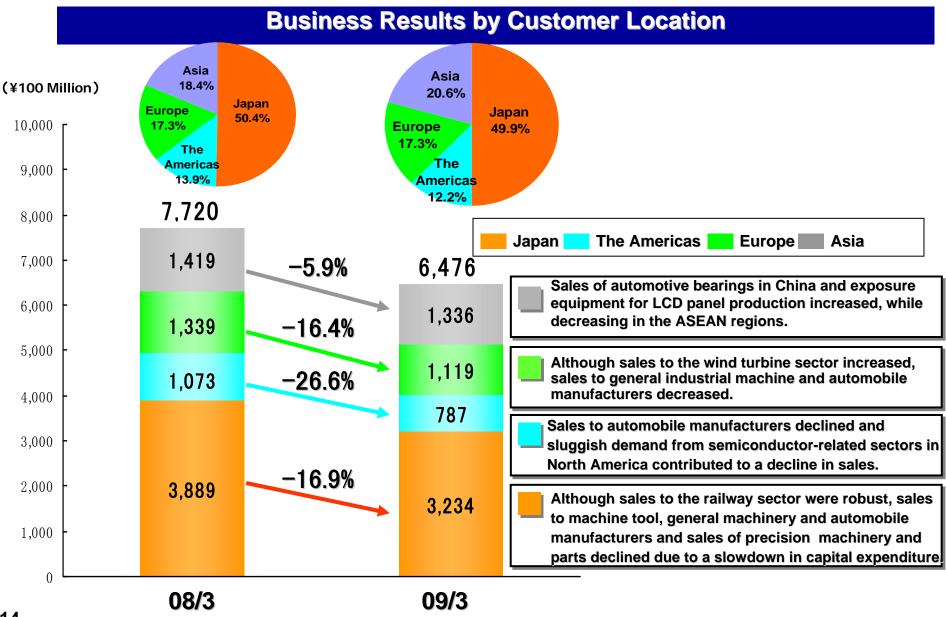
Operating income decreased 81.0% YOY due to volume reduction and an increase in steel price etc caused by sluggish demand for automotive products and precision machinery and parts in North America.



Although sales increase to automakers in China contributed to profitability, sales to automakers and the industrial machinery sector decreased in the ASEAN region. As a result, operating income decreased 27.5% YOY.



## **Business Results by Customer Location**

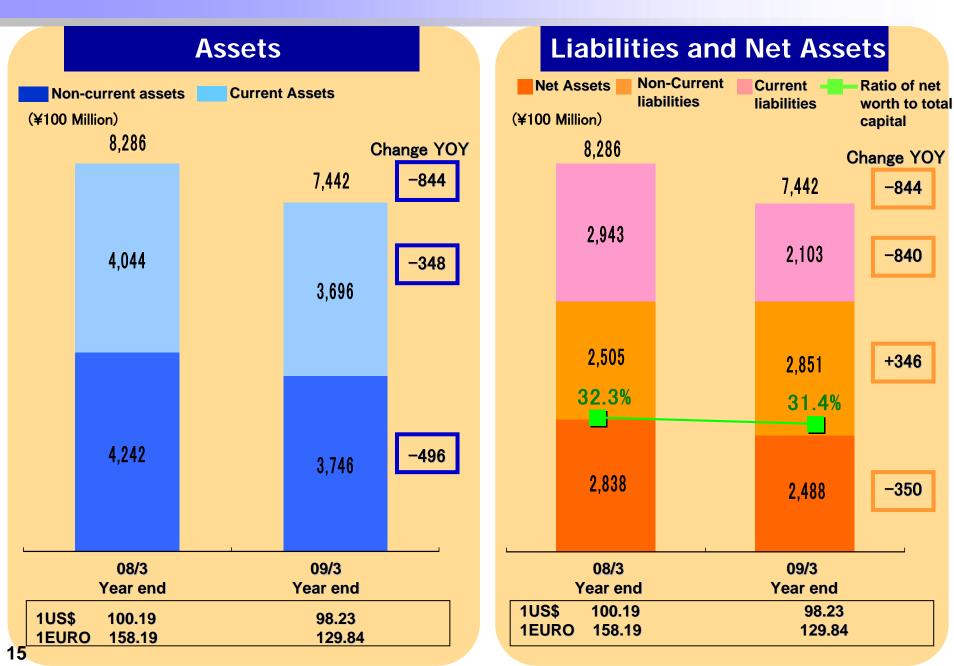


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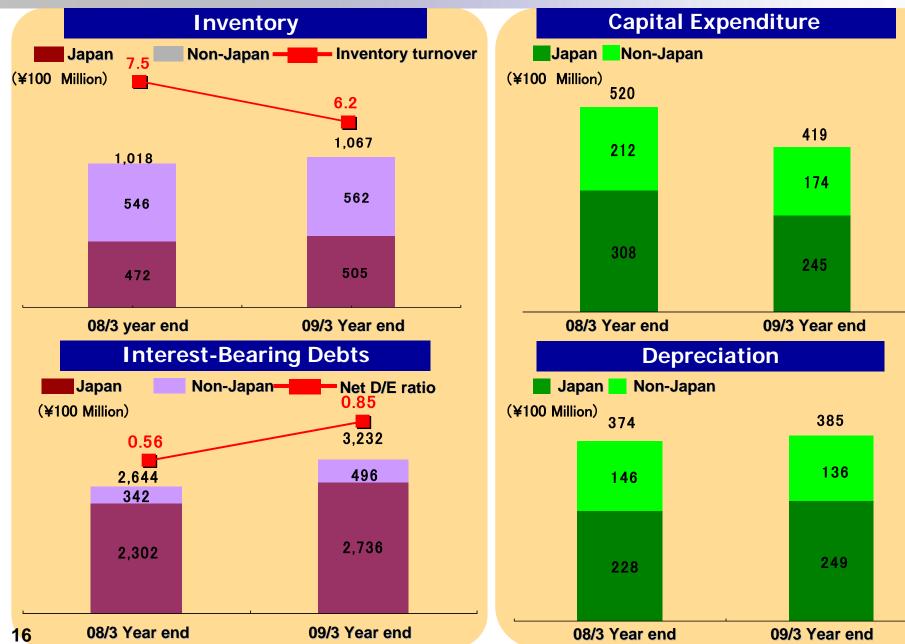
### **Consolidated Balance Sheets**





### Inventory/ Interest-Bearing Debts/ Capital Expenditure/ Depreciation







### 2. Consolidated Business Forecast for the Year Ending March 31, 2010

## Forecast for the Year Ending March 31, 2010 NSK

### **Business Forecast**

Net Sales ¥550.0 billion Operating income ¥3.0 billion

Ordinary income -¥5.0 billion Net income -¥3.5 billion ⇒Aim for a positive operating income despite the severe business environment.

Forecasted exchange rates

US\$=¥95.00 Euro=¥125.00 (FY'2008: US\$=¥100.74 Euro=¥144.47)

### **Business Environment Forecast**

Inventory adjustment is expected to finish during Q2, with production recovering during the second half Expect to see effects of the fiscal stimuli implemented by countries such as China and the U.S.

Japan:

\* Machine tools/industrial machinery: Overall demand expected to remain weak

\* Automotive Production: Gradual recovery expected after Q2, production expected to decrease YOY.

\* Semiconductors/liquid crystal production equipment:

Demand from both semiconductor production makers and liquid crystal production equipment makers expected to be sluggish.

The Americas: The recession in the Americas expected to recover after the 2<sup>nd</sup> half. Demand from North American automobile makers expected to continue stagnant.

Europe: Adjustment expected to continue.

Asia: Gradual business recovery in China while overall stagnant in ASEAN nations.

## Forecast for the Year Ending March 31, 2010 **NSK**

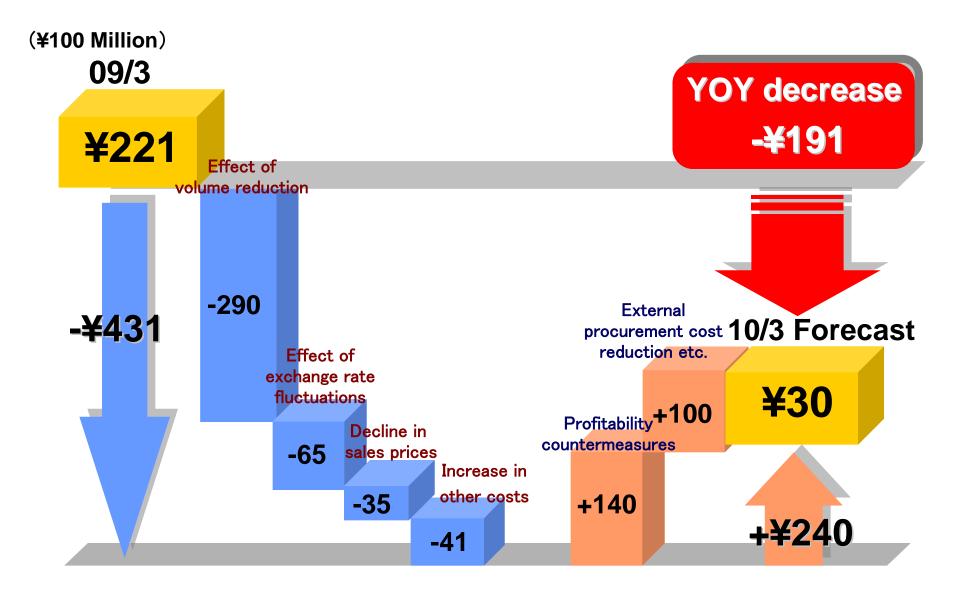
(¥100 Million)		09/3		10/3					
	<b>1st half</b> <actual></actual>	<b>2nd half</b> <actual></actual>	Full year <actual></actual>	<b>1st half</b> <forecast></forecast>	2nd half <forecast></forecast>	Full year <forecast></forecast>	Increase/ decrease YOY	Difference YOY	
Sales	3,833	2,643	6,476	2,500	3,000	5,500	-976	-15.1%	
Operating income	286	-65	221	-70	100	30	-191	-86.4%	
<%>	<7.5%>	<-2.5%>	<3.4%>	<-2.8%>	<3.3%>	<0.5%>			
Ordinary income	289	-119	170	-120	70	-50	-220	-	
Income before tax	277	-174	103	-120	70	-50	-153	-	
Net income	177	-131	46	-85	50	-35	-81	-	
(Exchange rate 1US\$=) ( // 1EURO=)	(¥105.95) (¥162.88)	(¥95.54) (¥126.05)	(¥100.74) (¥144.47)	(¥95) (¥125)	$\rightarrow$ $\rightarrow$	$\rightarrow$ $\rightarrow$			

## **Forecast by Business Segment**



(¥100 Million)		09/3		10/3						
	<b>1st ha</b> <actual< th=""><th></th><th>Full year <actual></actual></th><th>1st ha <foreca< th=""><th></th><th>2nd half <forecast></forecast></th><th></th><th>year ecast&gt;</th><th>Increase/ decrease YOY</th><th>Difference YOY</th></foreca<></th></actual<>		Full year <actual></actual>	1st ha <foreca< th=""><th></th><th>2nd half <forecast></forecast></th><th></th><th>year ecast&gt;</th><th>Increase/ decrease YOY</th><th>Difference YOY</th></foreca<>		2nd half <forecast></forecast>		year ecast>	Increase/ decrease YOY	Difference YOY
Sales	3,833	2,643	6,476	2,500	3	,000	5,500		-976	-15.1%
Industrial bearings	1,217	878	2,095	850	1	,000	1,850		-245	-11.7%
Automotive products	2,141	1,384	3,525	1,400	1	,700	3,100		-425	-12.0%
Precision machinery & parts	311	264	575	150		200	350		-225	-39.1%
Others	299	208	507	180		190	370		-137	-27.0%
Eliminations	-135	-91	-226	-80		-90	-170		+56	-
Operating income	286	<7.5%> -65 <-2.5%>	<b>221</b> <3.4%>	-70 -	<-2.8%>	100 <3.3%	<b>⊳ 30</b>	<-0.5%>	-191	-86.4%
Industrial bearings	162 <	<b>13.3%&gt; 33</b> <3.7%>	195 <9.3%>	35	<4.1%>	<b>95</b> <9.5%	∞ 130	<7.0%>	-65	-33.2%
Automotive products	108	<5.1%> <b>-40</b> <-2.9%>	<b>68</b> <1.9%>	-20 <	<-1.4%>	<b>55</b> <3.2%	⊌ 35	<1.1%>	-33	-48.6%
Precision machinery & parts	30	<9.6%> -25 <-9.3%>	<b>5</b> <0.9%>	-45<-	-30.0%>	<b>-20</b> <-10.0%	‰> -65	<-18.6%>	-70	-
Others	18	<5.9%> -10 <-4.5%>	<b>8</b> <1.6%>	-15 -	<-8.3%>	<b>-5</b> <-2.6%	‰> -20	<-5.4%>	-28	-
Corporate	-32	-23	-55	-25		-25	-50		+5	-

## Forecast for operating income: Improvement Factors **NSK** $(09/3 \Rightarrow 10/3)$



### **Forecast by Geographical Segment**



(¥100 Million)		09/3			10/3						
	<b>1st half</b> <actual></actual>	<b>2nd half</b> <actual></actual>	Full year <actual></actual>	1st ha <foreca< th=""><th></th><th>2nd h <foreca< th=""><th></th><th>Full y <forec< th=""><th></th><th>Increase/ decrease YOY</th><th>Difference YOY</th></forec<></th></foreca<></th></foreca<>		2nd h <foreca< th=""><th></th><th>Full y <forec< th=""><th></th><th>Increase/ decrease YOY</th><th>Difference YOY</th></forec<></th></foreca<>		Full y <forec< th=""><th></th><th>Increase/ decrease YOY</th><th>Difference YOY</th></forec<>		Increase/ decrease YOY	Difference YOY
Sales	3,833	2,643	6,476	2,500		3,000		5,500		-976	-15.1%
Japan	2,815	1,979	4,794	1,830		2,150		3,980		-814	-17.0%
The Americas	490	292	782	300		390		690		-92	-11.8%
Europe	717	429	1,146	430		490		920		-226	-19.7%
Asia	610	475	1,085	420		510		930		-155	-14.3%
Eliminations	-799	-532	-1,331	-480		-540		-1,020		311	-
Operating income	<b>286</b> <7.5%	> <b>-65</b> <-2.5%>	> <b>221</b> <3.4%>	-70	<-2.8%>	100	<3.3%>	30	<0.5%>	-191	-86.4%
Japan	<b>164</b> <5.8%>	> <b>-98</b> <-5.0%>	→ <b>66</b> <1.4%>	-50	<-2.7%>	55	<2.6%>	5	<0.1%>	-61	-92.4%
The Americas	<b>22</b> <4.4%>	<b>-13</b> <-4.2%>	» <b>9</b> <1.2%>	-10	<-3.3%>	15	<3.8%>	5	<0.7%>	-4	-44.4%
Europe	61 <8.5%>	> <b>33</b> <7.7%>	→ <b>94</b> <8.2%>	5	<1.1%>	15	<3.1%>	20	<2.2%>	-74	-78.7%
Asia	<b>67</b> <11.0%>	> 29 <6.0%>	→ <b>96</b> <8.8%>	15	<3.6%>	45	<8.8%>	60	< <b>6</b> .5%>	-36	-37.5%
Eliminations /Corporate	-28	-16	-44	-30		-30		-60		-16	-
22											



### **Forecast by Customer Location**

(¥100 Million) 09/3						1	0/3		
		1st half <actual></actual>	2nd half <actual></actual>	Full year <actual></actual>	1st half <forecast></forecast>	2nd half <forecast></forecast>	Full year <forecast></forecast>	Increase /decrease YOY	Difference YOY
0,	Sales	3,833	2,643	6,476	2,500	3,000	5,500	-976	-15.1%
	Japan	1,929	1,305	3,234	1,240	1,470	2,710	-524	-16.2%
	Non-Japan	1,904	1,338	3,242	1,260	1,530	2,790	-452	-13.9%
	(Non-Japan ratio)	(49.7%)	(50.6%)	(50.1%)	(50.4%)	(51.0%)	(50.7%)		
	The Americas	494	293	787	300	390	690	-97	-12.3%
	Europe	692	427	1,119	430	500	930	-189	-16.9%
	Asia	718	618	1,336	530	640	1,170	-166	-12.4%



## 3. Key Strategies for the Year Ending March 31, 2010

## Key Strategies for the Year Ending March 31, 2010

**Continue measures to thoroughly improve profitability and cash flows** 

Restructure and strengthen business foundation

profitability

Maintain full year

Build up business foundation for next growth stage



Although demand expected to recover gradually from FY09 2<sup>nd</sup> half, main recovery will come after March, 2011

## Continue to strengthen profitability and improve cash flow



## **Reduce capital expenditure**

-more than 50% decrease YOY (09/3 ¥41.9 billion⇒10/3 ¥20.0 billion)

### **Reduce inventory**

-Improve inventory turnover, paying attention to the trend in demand

## **Promote strict reduction in sales costs**

 Achieve cost reduction in steel price to respond to demand environment quickly

Concentrate resources on VA/VE activities

## **Reorganize global manufacturing network**

### Promote rapid sales expansion in all business segments and adjust sales structure

## Enhance and reorganize business foundation **NSK**

### Reorganize sales structure in Japan



## **Enhance marketing**

Improve customer satisfaction (accelerate response speed )

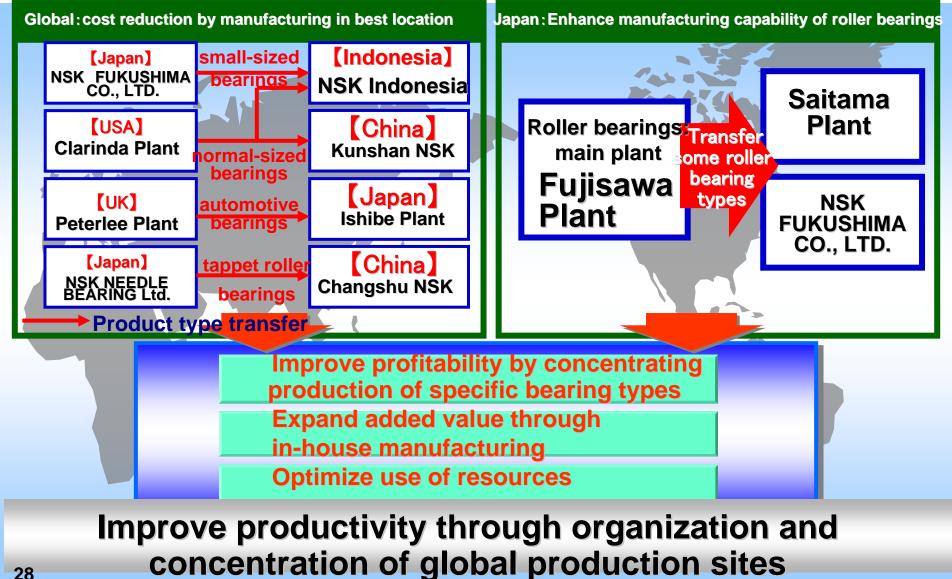
Make most of NSK's total power (bearings + precision machinery and parts)

Improve sales efficiency (Introduce strategic resources)

Expand sales by focusing on customer needs

#### NSK Enhance and reorganize business foundation

### **Reorganize production system (bearings)**



## Enhance and reorganize business foundation

## Start operations at a new site, NSK China Technology Center (CTC)



Autonomous structure in China (Spanning R&D to technological support for customers)

Includes all business segments (automobiles/industrial machinery bearings/Precision machinery and parts)

Enhance unique NSK technology to capture sales

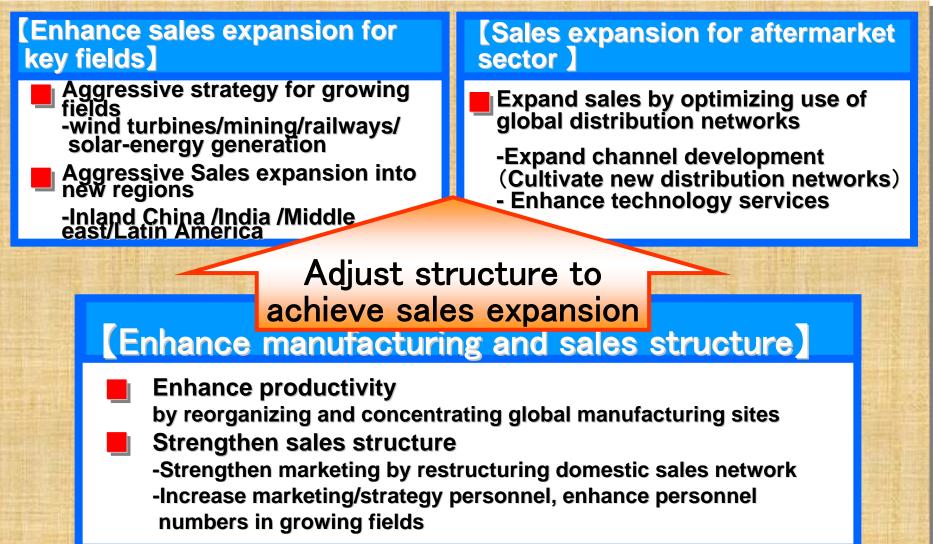
Technology foundation to support enhancement and sales expansion for growing business in China

## Enhance and reorganize business foundation **NSK**

Automotive produ	Automotive products: Strengthen order-winning activities and								
	build up future foundation								
Strengthen automotive technology	[Enhance and reorganize business foundation for next generation ] <respond and="" cars="" ecological="" intelligent="" needs="" of="" technological="" to=""> Electronic technology (EPS, by Wire) Diversify drive train Sophisticate internal combustion (hybrid cars, electric cars, fuel-cell vehicles)</respond>								
Expand overseas business	<b>Expand global business</b> Continue sales expansion in growing markets (emerging countries and small-sized cars) Reinforce capability to respond to global business								
Revise cost structure	<ul> <li>Consolidate and standardize design, shared use of parts</li> <li>Further reduce direct costs and promote in-house manufacturing</li> <li>Expand local procurement and production, optimize regional manufacturing</li> </ul>								

## Enhance and reorganize business foundation **NSK**

### Industrial machinery bearings : Concentrate on global sales expansion



## Enhance and reorganize business foundation



#### Precision Machinery and Parts: sweeping reorganization of business structure

**Expand business foundation** 

## [Enhance business foundation in emerging countries]

China: Machine tools, Liquid crystal, Semiconductors India: Machine tools

#### [Cultivate new growth fields]

Solar energy generation, lithium batteries, fuel cells and nuclear energy sectors Medical equipment and biotechnology

### [Expand distribution networks]

Expansion strategy via channel development of bearing sales

**Reduce sales costs** 

Linear motion products and mechatronics products

[Thorough reduction of fixed costs]

Reorganize manufacturing sites and product types made

Cost reduction by external production

### (Supplementary Information) For the Year Ending March 31, 2010



(¥100 Million)	08/3 Actual (Full year)	09/3 Actual (Full year)	<b>10/3</b> Forecast (Full year)
Capital expenditure(*)	520	419	200
Japan	308	243	115
Non- Japan	212	174	85
The Americas	38	22	12
Europe	77	35	13
Asia	97	117	60

\* Excluding intangible assets

(¥100 Million)	08/3	09/3	10/3
	Actual (Full year)	Actual (Full year)	Forecast (Full year)
Depreciation(*)	374	385	365

\* Excluding intangible assets

(¥100 Million)	08/3	09/3	10/3
	Actual (Full year)	Actual (Full year)	Forecast (Full year)
R&D	102	107	100