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Consolidated Financial Results for the Nine Months Ended December 31, 2024 [Japanese GAAP]



February 7, 2025

Company name: Harmonic Drive Systems Inc. Stock exchange listing: Tokyo Stock Exchange Code number: 6324 URL: https://www.hds.co.jp/english/ Representative: Akira Maruyama, President and Representative Director Contact: Tetsuya Shiokawa, Executive Officer Phone: +81-3-5471-7810 Scheduled date of commencing dividend payments: — Availability of supplementary explanatory materials on financial results: Not available Schedule of financial results briefing session: Not scheduled

(Amounts less than one million yen are rounded down.) 1. Consolidated Financial Results for the Nine Months Ended December 31, 2024 (April 1, 2024 – December 31, 2024)

(1	1) Consolidated Operating Results	(%	6 it	ndicates o	chang	es from	the	previous	corres	pondin	g period	d.)

	Net sale	es	Operating profit		Ordinary profit		Profit attributable to owners of parent	
Nine months ended	Million yen	%	Million yen	%	Million yen	%	Million yen	%
December 31, 2024	40,363	(3.7)	(336)	-	(78)	-	(354)	_
December 31, 2023	41,926	(21.4)	661	(91.8)	765	(90.9)	(402)	_

(Note) Comprehensive income: Nine months ended December 31, 2024: ¥411 million [(90.8)%]

Nine months ended December 31, 2023: ¥4,487 million [(56.6)%]

	Basic earnings per share	Diluted earnings per share
Nine months ended	Yen	Yen
December 31, 2024	(3.73)	_
December 31, 2023	(4.23)	_

(2) Consolidated Financial Position

	Total assets	Net assets	Equity ratio
	Million yen	Million yen	%
As of December 31, 2024	116,313	77,988	67.1
As of March 31, 2024	119,142	79,401	66.6

(Reference) Equity: As of December 31, 2024: ¥77,988 million As of March 31, 2024: ¥79,401 million

2. Dividends

		Annual dividends						
	lst quarter-end	2nd quarter-end	3rd quarter-end	Year-end	Total			
	Yen	Yen	Yen	Yen	Yen			
Fiscal year ended March 31, 2024	_	10.00	_	10.00	20.00			
Fiscal year ending March 31, 2025	_	10.00	_					
Fiscal year ending March 31, 2025 (Forecast)				10.00	20.00			

(Note) Revision to the forecast for dividends announced most recently: None

3. Consolidated Financial Results Forecast for the Fiscal Year Ending March 31, 2025 (April 1, 2024 – March 31, 2025)

(% indicates changes from the previous corresponding period.)

	Net sale	es	Operating profit		Ordinary profit		Profit attributable to owners of parent		Basic earnings per share
	Million yen	%	Million yen	%	Million yen	%	Million yen	%	Yen
Full year	54,000	(3.2)	(400)	-	(500)	—	3,600	_	37.90

(Note) Revision to the financial results forecast announced most recently: None

* Notes:

(1) Significant changes in the scope of consolidation during the period under review: None

- (2) Accounting methods adopted particularly for the preparation of quarterly consolidated financial statements: None
- (3) Changes in accounting policies, changes in accounting estimates and retrospective restatement
 - 1) Changes in accounting policies due to the revision of accounting standards: Yes
 - 2) Changes in accounting policies other than 1) above: None
 - 3) Changes in accounting estimates: None
 - 4) Retrospective restatement: None

(4) Total number of issued and outstanding shares (common shares)

1) Total number of issued and outstanding shares at the end of the period (including treasury shares): December 31, 2024: 96,315,400 shares March 31, 2024: 96,315,400 shares

2) Total number of treasury shares at the end of the period:					
December 31, 2024:	1,322,266 shares				
March 31, 2024:	1,339,057 shares				

3) Average number of shares outstanding during the period:					
Nine months ended December 31, 2024:	94,985,684 shares				
Nine months ended December 31, 2023:	95,070,934 shares				

* Review of the Japanese-language originals of the attached quarterly consolidated financial statements by certified public accountants or an audit firm: Yes (voluntary)

* Explanation of the proper use of financial results forecasts and other notes

The financial results forecasts and other forward-looking statements contained herein are based on information currently available to the Company and certain assumptions deemed reasonable by the Company. These statements do not represent a guarantee from the Company that it will achieve such results. The actual financial results may differ significantly due to various factors. Refer to "1. Qualitative Information on Quarterly Financial Results (3) Explanation of Consolidated Financial Results Forecast and Other Forward-looking Information" on page 3 of the Attachments for conditions on which the financial results forecasts are premised and notes on the use of financial results forecasts.

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1. Qualitative Information on Quarterly Financial Results

(1) Explanation of Operating Results

During the nine months ended December 31 (April 1, 2024 to December 31, 2024), the future of the global economy remained uncertain due to rising geopolitical risks, such as the prolonged conflict in Ukraine and instability in the Middle East, as well as the possibility of changes in U.S. government policies on account of the new administration taking office, and other factors. The business environment surrounding the Harmonic Drive Systems Group (hereinafter "the Group") showed a recovery trend more moderately than expected due to the impact of factors including sluggish market conditions and geopolitical risks, despite the start of a gradual recovery in orders received from customers whose inventories have been optimized.

Regarding net sales trends by application, net sales increased year on year for industrial robots owing to rising orders from local robot manufacturers in China and projects from new customers. Meanwhile, net sales decreased for automotive, semiconductor manufacturing equipment, and other general industrial machinery applications.

As a result, net sales for the nine months under review decreased 3.7% year on year to ¥40,363 million.

In terms of profit and loss, although we launched and worked on a company-wide cost innovation project, and despite being in the process of implementing reforms throughout the Company that focus on manufacturing methods and operational efficiency, we were unable to absorb the effect of a decrease in net sales, resulting in operating loss of ¥336 million (operating profit of ¥661 million in the same period of the previous fiscal year). Loss attributable to owners of parent of ¥354 million (loss attributable to owners of parent of ¥402 million in the same period of the previous fiscal year) was recorded mainly due to a decrease in operating profit.

In terms of net sales by product group, speed reducers totaled \$30,547 million, up 4.3% year on year, and mechatronic products totaled \$9,815 million, down 22.4% year on year. They accounted for 75.7% and 24.3% of the total net sales, respectively.

Financial results by segment are as follows.

(Japan)

The pace of recovery in orders for products for industrial robots and semiconductor manufacturing equipment was slower than expected, and net sales for automotive and other general industrial machinery applications declined. As a result, net sales decreased by 8.0% year on year to \pm 15,439 million. Segment profit (ordinary profit) decreased by 74.1% year on year to \pm 1,050 million due to the effect of decreased sales, as well as a decrease of \pm 2,330 million in dividend income from subsidiaries.

(China)

Net sales increased by 41.8% year on year to $\frac{4}{320}$ million due to an increase in orders from local robot manufacturers in China. Segment profit (ordinary profit) increased by 69.6% year on year to $\frac{4378}{378}$ million due to the effect of an increase in sales.

(North America)

Sales decreased for advanced medical applications (surgical robot-related) due to production adjustments by customers, and a recovery in demand for semiconductor manufacturing equipment has been delayed. As a result, net sales decreased by 13.8% year on year to ¥8,681 million. Segment profit (ordinary profit) decreased by 64.5% year on year to ¥498 million due to the effect of a decrease in sales.

(Europe)

While the exchange rates of the yen remained weak, demand did not increase due to sluggish conditions in the European economy. As a result, net sales decreased by 0.9% year on year to \$11,922 million. Segment loss (ordinary loss) amounted to \$165 million (segment profit of \$45 million in the same period of the previous fiscal year) due to the amortization cost of \$713 million on intangible assets posted at the time of acquisition of shares in Harmonic Drive SE.

(2) Explanation of Financial Position

(Assets)

Total assets at the end of the nine months under review decreased by $\frac{12,829}{100}$ million, down 2.4% from the end of the previous fiscal year to $\frac{116,313}{100}$ million. This was primarily because of an 8.8% or $\frac{1200}{100}$ million increase in investment securities from the end of the previous fiscal year due to a change in market capitalization of securities held by the Company, despite a 3.7% or $\frac{11,787}{1,268}$ million decrease in property, plant and equipment from the end of the previous fiscal year, a 46.2% or $\frac{12,268}{1,264}$ million decrease in other current assets from the end of the previous fiscal year, and in addition, a 6.2% or 1,264 million decrease in cash and deposits from the end of the previous fiscal year.

(Liabilities)

Liabilities at the end of the nine months under review decreased by $\pm 1,415$ million, down 3.6% from the end of the previous fiscal year to $\pm 38,325$ million. This was primarily because of a 285.5% or $\pm 2,000$ million increase in short-term borrowings from the end of the previous fiscal year resulting from a short-term funding, despite a 12.2% or $\pm 1,856$ million decrease in long-term borrowings resulting from the progress of scheduled payment for borrowings from the end of the previous fiscal year, in addition to a 58.4% or ± 786 million decrease in other non-current liabilities from the end of the previous fiscal year.

(Net Assets)

Net assets at the end of the nine months under review decreased by \$1,413 million, down 1.8% from the end of the previous fiscal year to \$77,988 million. This was primarily because of a 12.3% or \$524 million increase from the end of the previous fiscal year in valuation difference on available-for-sale securities on account of change in market capitalization of securities held by the Company, in addition to a 2.4% or \$313 million increase in foreign currency translation adjustment from the end of the previous fiscal year due to the effect of exchange rate fluctuations, despite a 6.0% or \$2,253 million decrease in retained earnings from the end of the previous fiscal year resulting from the payment of a year-end dividend and an interim dividend.

As a result, equity ratio rose from 66.6% at the end of the previous fiscal year to 67.1%.

(3) Explanation of Consolidated Financial Results Forecast and Other Forward-looking Information

There is no change to the financial results forecast for the fiscal year ending March 31, 2025, which was announced on January 16, 2025 in the "Notice Regarding Revision to the Financial Results Forecast for the Fiscal Year Ending March 31, 2025." Should any revisions be deemed necessary in the future, they shall be disclosed in a timely manner.

2. Quarterly Consolidated Financial Statements and Principal Notes

(1) Quarterly Consolidated Balance Sheets

Total assets

(Thousands of yen) As of March 31, 2024 As of December 31, 2024 Assets Current assets Cash and deposits 20,318,343 19,053,988 Notes receivable - trade 3,085,175 3,836,109 Accounts receivable - trade 8,668,982 8,818,186 47,358 Securities 37,156 Merchandise and finished goods 2,150,039 2,466,573 Work in process 3,481,346 4,041,015 Raw materials and supplies 6,681,866 6,389,078 1,475,042 Other 2,743,454 Allowance for doubtful accounts (24,906)(31,501)Total current assets 47,457,994 45,779,318 Non-current assets Property, plant and equipment Buildings and structures, net 19,088,751 18,519,274 14,729,933 Machinery, equipment and vehicles, net 16,104,298 Tools, furniture and fixtures, net 1,750,358 1,605,737 Other, net 11,505,130 11,203,914 Total property, plant and equipment 48,147,323 46,360,077 Intangible assets Software 493,049 479,047 9,199,605 Customer related assets 9,663,394 Technical assets 2,580,951 2,457,079 Other 159,997 380,594 Total intangible assets 12,897,391 12,516,327 Investments and other assets 8,780,932 9,550,843 Investment securities 26,145 Shares of subsidiaries and associates 48,112 Investments in capital of subsidiaries and 100,137 ____ associates Long-term loans receivable from subsidiaries and 200,000 300,000 associates 1,372,071 1,418,719 Retirement benefit asset 137,493 149,191 Deferred tax assets 106,571 117,998 Other (5,600)(5,600)Allowance for doubtful accounts 10,639,581 11,657,435 Total investments and other assets Total non-current assets 71,684,297 70,533,840

119,142,291

116,313,158

(Thousands of yen)

	As of March 31, 2024	As of December 31, 2024
Liabilities		
Current liabilities		
Notes and accounts payable - trade	3,036,539	2,519,188
Short-term borrowings	700,629	2,700,881
Current portion of long-term borrowings	2,529,452	2,470,451
Lease liabilities	700,049	706,954
Income taxes payable	101,581	151,168
Provision for bonuses	949,714	629,816
Provision for bonuses for directors (and other officers)	66,165	27,842
Provision for loss on compensation for after-care of products	147,759	147,183
Other	3,487,973	3,651,513
Total current liabilities	11,719,864	13,004,999
Non-current liabilities		
Long-term borrowings	15,201,497	13,345,359
Lease liabilities	4,681,840	4,370,357
Deferred tax liabilities	5,837,148	6,015,598
Provision for retirement benefits for directors (and other officers)	12,000	22,800
Other provisions	104,749	117,814
Retirement benefit liability	836,377	887,482
Other	1,347,147	560,681
Total non-current liabilities	28,020,761	25,320,093
Total liabilities	39,740,626	38,325,092
Net assets		
Shareholders' equity		
Share capital	7,100,036	7,100,036
Capital surplus	22,778,711	22,786,269
Retained earnings	37,478,753	35,224,864
Treasury shares	(5,309,159)	(5,242,585)
Total shareholders' equity	62,048,341	59,868,585
Accumulated other comprehensive income		
Valuation difference on available-for-sale securities	4,256,856	4,781,338
Foreign currency translation adjustment	12,927,929	13,241,334
Remeasurements of defined benefit plans	168,538	96,808
Total accumulated other comprehensive income	17,353,323	18,119,480
Total net assets	79,401,665	77,988,066
Total liabilities and net assets	119,142,291	116,313,158

(2) Quarterly Consolidated Statements of Income and Comprehensive Income

Quarterly Consolidated Statement of Income

		(Thousands of yen)
	For the nine months ended December 31, 2023	For the nine months ended December 31, 2024
Net sales	41,926,813	40,363,285
Cost of sales	29,632,588	29,746,509
Gross profit	12,294,224	10,616,775
Selling, general and administrative expenses	11,632,360	10,953,435
Operating profit (loss)	661,863	(336,659)
Non-operating income		· · · · · · · · · · · · · · · · · · ·
Interest income	59,051	199,842
Dividend income	133,238	133,883
Other	236,174	252,839
Total non-operating income	428,464	586,565
Non-operating expenses		
Interest expenses	130,063	163,802
Share of loss of entities accounted for using equity method	38,842	21,830
Foreign exchange losses	14,314	14,638
Rental expenses	87,113	69,135
Other	54,087	59,489
Total non-operating expenses	324,422	328,896
Ordinary profit (loss)	765,905	(78,990)
Extraordinary income		
Gain on sale of non-current assets	6,784	1,033
Subsidy income	_	2,000
Total extraordinary income	6,784	3,033
Extraordinary losses		
Loss on sale of non-current assets	433	3,830
Loss on retirement of non-current assets	15,677	43,428
Loss on tax purpose reduction entry of non-current assets	—	2,000
Total extraordinary losses	16,111	49,258
Profit (loss) before income taxes	756,579	(125,215)
Income taxes - current	965,519	316,182
Income taxes - deferred	193,096	(87,205)
Total income taxes	1,158,615	228,977
Loss	(402,036)	(354,193)
Profit attributable to non-controlling interests		
Loss attributable to owners of parent	(402,036)	(354,193)

Quarterly Consolidated Statement of Comprehensive Income

		(Thousands of yen)
	For the nine months ended December 31, 2023	For the nine months ended December 31, 2024
Loss	(402,036)	(354,193)
Other comprehensive income		
Valuation difference on available-for-sale securities	(853,566)	524,482
Foreign currency translation adjustment	5,627,058	313,404
Remeasurements of defined benefit plans, net of tax	116,140	(71,729)
Total other comprehensive income	4,889,632	766,156
Comprehensive income	4,487,595	411,963
Comprehensive income attributable to		
Comprehensive income attributable to owners of parent	4,487,595	411,963
Comprehensive income attributable to non-controlling interests	_	_

(3) Notes to Quarterly Consolidated Financial Statements

(Notes on going concern assumption)

Not applicable.

(Notes in case of significant changes in shareholders' equity)

Not applicable.

(Changes in scope of consolidation or scope of equity method application)

During the third quarter of the fiscal year under review, through a joint investment with KODEN Holdings, Co., Ltd., the Company newly established HATAKEN LLC, and acquired the business of HATAKEN Co., Ltd. Accordingly, HATAKEN LLC, the newly established company, has been included within the scope of equity-method application.

(Changes in accounting policies)

(Application of "Accounting Standard for Current Income Taxes" and other standards)

The Company has applied the "Accounting Standard for Current Income Taxes" (ASBJ Statement No. 27, October 28, 2022; hereinafter referred to as the "Revised Accounting Standard in 2022") and other standards from the beginning of the first quarter of the fiscal year.

With regard to the revision regarding the accounting category of income taxes, etc. (taxation on other comprehensive income), the Company follows the transitional treatment provided for in the proviso to Paragraph 20-3 of the Revised Accounting Standard in 2022 and the transitional treatment provided for in the proviso to Paragraph 65-2 (2) of the "Guidance on Accounting Standard for Tax Effect Accounting" (ASBJ Guidance No. 28, October 28, 2022; hereinafter referred to as the "Revised Guidance in 2022"). These changes in accounting policies do not affect the quarterly consolidated financial statements.

(Segment information, etc.)

[Segment information]

I For the nine months ended December 31, 2023 (from April 1, 2023 to December 31, 2023)

1. Information on net sales and profit, and information on disaggregation of revenue, by reportable segment

(Thousands of yen)

	Reportable segment					Adjustment	Consolidated
	Japan	China	North America	Europe	Total	Aujustinent	Consolidated
Net sales							
Revenue from							
contracts with	22,191,584	3,178,339	10,079,774	12,212,436	47,662,133	(5,735,320)	41,926,813
customers							
Net sales to third	16,782,491	3,047,241	10,068,377	12,028,703	41,926,813	_	41,926,813
parties	10,762,471	5,047,241	10,000,577	12,020,705	+1,720,015		41,720,015
Inter-segment net							
sales or	5,409,092	131,097	11,397	183,732	5,735,320	(5,735,320)	—
transfers							
Total	22,191,584	3,178,339	10,079,774	12,212,436	47,662,133	(5,735,320)	41,926,813
Segment profit	4,054,507	223,077	1,403,123	45,671	5,726,380	(4,960,474)	765,905

(Notes) 1. The segment profit adjustment of ¥(4,960,474) thousand includes the eliminated inter-segment transaction profit of ¥(3,201,749) thousand and the general administrative expenses that are not allocated to any reportable segment, totaling ¥(1,758,725) thousand. The general administrative expenses that are not allocated to any reportable segment consist mainly of the basic research and development expenses, certain administrative expenses related to the General Affairs and Accounting Department, and the amortization of the goodwill recorded in connection with the acquisition of shares in Harmonic Drive SE, amounting to ¥871,082 thousand.

2. The "Japan" segment includes the net sales and expenses related to the European and Asian markets, in addition to the Japanese market.

- 3. The "North America" segment includes net sales of ¥9,031,268 thousand originating from the United States of America, which represents 10% or more of net sales recorded on the consolidated statements of income.
- 4. The "Europe" segment includes net sales of ¥4,697,640 thousand originating from Germany, which represents 10% or more of net sales recorded on the consolidated statements of income.
- 5. Segment profit is adjusted to ordinary profit in the quarterly consolidated statements of income.

II For the nine months ended December 31, 2024 (from April 1, 2024 to December 31, 2024)

1. Information on net sales and profit (loss), and information on disaggregation of revenue, by reportable segment (Thousands of yen)

	Reportable segment					Adjustment	Consolidated
	Japan	China	North America	ea Europe Total		Aujustinent	Consolidated
Net sales Revenue from contracts with	22,482,906	4,321,426	8,691,715	12,040,762	47,536,810	(7,173,525)	40,363,285
customers							
Net sales to third parties	15,439,407	4,320,276	8,681,214	11,922,387	40,363,285	_	40,363,285
Inter-segment net sales or transfers	7,043,498	1,150	10,501	118,375	7,173,525	(7,173,525)	_
Total	22,482,906	4,321,426	8,691,715	12,040,762	47,536,810	(7,173,525)	40,363,285
Segment profit (loss)	1,050,874	378,350	498,387	(165,150)	1,762,460	(1,841,451)	(78,990)

(Notes) 1. The segment profit (loss) adjustment of ¥(1,841,451) thousand includes the eliminated inter-segment transaction profit of ¥(17,623) thousand and the general administrative expenses that are not allocated to any reportable segment, totaling ¥(1,823,827) thousand. The general administrative expenses that are not allocated to any reportable segment consist mainly of the basic research and development expenses and certain administrative expenses related to the General Affairs and Accounting Department.

2. The "Japan" segment includes the net sales and expenses related to the Asian market, in addition to the Japanese market.

- 3. The "North America" segment includes net sales of ¥7,620,637 thousand originating from the United States of America, which represents 10% or more of net sales recorded on the quarterly consolidated statements of income.
- 4. The "Europe" segment includes net sales of ¥5,143,098 thousand originating from Germany, which represents 10% or more of net sales recorded on the quarterly consolidated statements of income.
- 5. Segment profit (loss) is adjusted to ordinary loss in the quarterly consolidated statements of income.
- 2. Information on impairment loss of non-current assets or goodwill by reportable segment Not applicable
- 3. Information on changes to reportable segments, etc.

Effective from the six months ended September 30, 2024, "China," which was previously included in "Japan," has been changed to a reportable segment due to its increased quantitative importance.

Segment information for the nine months ended December 31, 2023 is stated based on the reporting segment classification after the change.

(Notes on consolidated statements of cash flows)

Quarterly consolidated statements of cash flows are not prepared for the nine months ended December 31, 2024.

Depreciation (including amortization of intangible assets excluding goodwill) and amortization of goodwill for the nine months ended December 31 are as follows.

	For the nine months ended	For the nine months ended	
	December 31, 2023	December 31, 2024	
Depreciation	¥6,737,354 thousand	¥5,962,605 thousand	
Amortization of goodwill	¥871,082 thousand	\mathbf{Y} – thousand	

(Significant subsequent events)

(Sale of investment securities)

On January 17, 2025, the Company completed the sale of a portion of its investment securities, and a gain on sale of investment securities has been recognized. The details are described below.

1. Reason for sale

To reduce cross-shareholdings in accordance with the Corporate Governance Code, and to improve asset efficiency and strengthen the financial structure.

- 2. Details of sale
 - (1) Shares sold Common shares of Nabtesco Corporation
 - (2) Number of shares sold

3,265,000 shares

- All the company's shares held by the Company
- 2.71% of the total number of issued and outstanding shares (excluding treasury shares)
- *The above percentage is based on Nabtesco Corporation's semiannual report (Record date: June 30, 2024)

(3) Date of sale (trade date)	January 17, 2025
(4) Date of settlement	January 21, 2025
(5) Purchaser	Securities companies (sale by block trade through
	Securities companies)
3. Gain on sale of investment securities	¥5,865,309 thousand

4. Effect on financial results

For details, please refer to the "Notice Regarding Revision to the Financial Results Forecast for the Fiscal Year Ending March 31, 2025" announced on January 16, 2025.

(Purchase of treasury shares)

At a meeting of the Board of Directors held on January 16, 2025, the Company passed a resolution on matters related to the repurchase of treasury shares pursuant to Article 156 of the Companies Act, applied following the deemed replacement of terms pursuant to the provisions of Article 165, Paragraph 3 of the Act.

1. Reason for repurchase of treasury shares

The Company will repurchase the treasury shares to enable flexible capital management, with the aim of returning profits to shareholders and improving capital efficiency.

2. Details of matters relating to repurchase

(1)	Type of shares subject to repurchase	Common shares
(2)	Total number of shares to be repurchased	400,000 shares (upper limit)
		(0.42% of the total number of issued and outstanding
		shares [excluding treasury shares])
(3)	Total amount of share repurchase	¥1,200,000 thousand (upper limit)
(4)	Repurchase period	February 10, 2025–June 30, 2025
(5)	Repurchase method	Market purchase on the Tokyo Stock Exchange

3. Other Matters

(1) Status of Production, Orders Received and Sales

a. Production

Production results by segment for the nine months ended December 31, 2024 (April 1, 2024 to December 31, 2024) are as follows:

S	egment name	Production output (thousands of yen)	YoY change (%)	
Isman	Speed reducers	19,805,107	(0.3)	
Japan	Mechatronic products	2,859,229	(47.4)	
C1 '	Speed reducers	_	_	
China	Mechatronic products	_	_	
North America	Speed reducers	3,469,911	0.3	
North America	Mechatronic products	3,118,993	(32.4)	
Europa	Speed reducers	6,745,920	(3.0)	
Europe	Mechatronic products	3,637,483	4.4	
Total		39,636,645	(9.5)	

(Notes) 1. Inter-segment transactions are offset and eliminated.

- 2. The above amounts are sales prices and exclude consumption taxes.
- 3. The Group's reportable segments are classified on a location basis (Japan, China, North America, and Europe).
- 4. Although the Group is solely engaged in handling the same types and series of precision speed reducers and its business operations fall within a single industry segment based on the similarities in the types, natures, manufacturing methods and markets of their products, the above table presents figures by product for each segment.
- 5. The production results of Harmonic Winbel Inc., a subsidiary engaged in the development, manufacturing, and sales of magnetic application equipment, are classified, counted, and presented as mechatronic products.

b. Orders received

The results of orders received by segment for the nine months ended December 31, 2024 (April 1, 2024 to December 31, 2024) are as follows:

Segment name		Orders received (thousands of yen)	YoY change (%)	Order backlog (thousands of yen)	YoY change (%)
Ionon	Speed reducers	14,699,276	20.8	4,205,889	18.5
Japan	Mechatronic products	1,989,867	96.8	1,000,666	53.7
China	Speed reducers	3,902,848	129.4	850,441	45.4
China	Mechatronic products	109,485	(39.2)	54,843	(53.8)
North	Speed reducers	3,958,277	18.1	3,275,354	(26.5)
America	Mechatronic products	2,956,521	14.7	2,353,520	(48.7)
Europa	Speed reducers	7,553,898	2.9	5,591,789	(17.7)
Europe	Mechatronic products	3,517,557	6.0	2,246,667	(9.2)
	Total		22.3	19,579,172	(15.7)

(Notes) 1. Inter-segment transactions are offset and eliminated.

2. The above amounts exclude consumption taxes.

3. The Group's reportable segments are classified on a location basis (Japan, China, North America, and Europe).

4. Although the Group is solely engaged in handling the same types and series of precision speed reducers and its business operations fall within a single industry segment based on the similarities in the types, natures, manufacturing methods and markets of their products, the above table presents figures by product for each segment.

5. The results of orders received of Harmonic Winbel Inc., a subsidiary engaged in the development, manufacturing, and sales of magnetic application equipment, are classified, counted, and presented as mechatronic products.

6. The order backlog excludes ¥385,161 thousand of order cancellations. The cancellations took place during the nine months ended December 31, 2024.

c. Sales

Sales results by segment for the nine months ended December 31, 2024 (April 1, 2024 to December 31, 2024) are as follows:

Segment name		Sales volume (thousands of yen)	YoY change (%)	
Ionon	Speed reducers	13,656,352	(5.2)	
Japan	Mechatronic products	1,783,054	(24.8)	
China	Speed reducers	4,211,999	54.8	
China	Mechatronic products	108,276	(66.8)	
North America	Speed reducers	4,682,132	11.4	
North America	Mechatronic products	3,999,081	(31.8)	
Europa	Speed reducers	7,996,985	0.7	
Europe	Mechatronic products	3,925,401	(3.9)	
	Total	40,363,285	(3.7)	

(Notes) 1. Inter-segment transactions are offset and eliminated.

2. Sales by primary customer and the ratio of the sales to the total sales are as follows:

Customen	Nine months ended Decemb	per 31, 2023	Nine months ended December 31, 2024Sales (thousands of yen)Ratio (%)		
Customer	Sales (thousands of yen)	Ratio (%)	Sales (thousands of yen)	Ratio (%)	
Nissan Motor Co., Ltd.	5,045,696	12.0	4,384,722	10.9	

3. The above amounts exclude consumption taxes.

- 4. The Group's reportable segments are classified on a location basis (Japan, China, North America, and Europe).
- 5. Although the Group is solely engaged in handling the same types and series of precision speed reducers and its business operations fall within a single industry segment based on the similarities in the types, natures, manufacturing methods and markets of their products, the above table presents figures by product for each segment.
- 6. The sales results of Harmonic Winbel Inc., a subsidiary engaged in the development, manufacturing, and sales of magnetic application equipment, are classified, counted, and presented as mechatronic products.

(2) Net Sales outside Japan

Net sales outside Japan for the nine months ended December 31, 2024 (April 1, 2024 to December 31, 2024) are as follows:

	Europe	North America	China	Other regions	Total
I Net sales outside Japan (thousands of yen)	11,922,387	8,681,214	4,320,276	1,419,070	26,342,948
II Consolidated net sales (thousands of yen)	_	_	_	_	40,363,285
III Ratio of net sales outside Japan to consolidated net sales (%)	29.5	21.5	10.7	3.5	65.3

(Notes) 1. The categorization of countries or regions is based on geographical proximity.

2. Primary countries or regions that belong to each category

(1) Europe: Germany

(2) North America: the U.S.

(3) China: China

(4) Other regions: South Korea, Taiwan and Oceania

3. Net sales outside Japan are net sales that were recorded by the Company and its consolidated subsidiaries in countries or regions other than Japan.