

Environmental Report

2024



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■Organizations and Topics Covered

This report covers domestic and overseas subsidiaries, namely Makita Corporation, and covers the topic of environmental protection activities for FYE 2024.

■Period Covered

This report is based on the achievements of activities implemented in FYE 2024 (April 1, 2023, to March 31, 2024).

■Reporting Policy

Our company is engaged in a wide range of environmental protection activities, and this report mainly covers the themes of environmental protection activities that we are focusing our efforts on. In preparing this report, we tried to make sure that those who are not environmental experts will also be able to easily understand the overview of each theme, with the aim to enhance communication with all our stakeholders. In editing and designing the report, we made sure to use appropriate phrasing and colors, and ensured readability.

The company's environmental performance (achievement) data for the period coinciding with the company's fiscal year, which are aggregated as of March 31 every year, are analyzed and the results are published in June.

■Target Audience

All our stakeholders, including customers, business partners, employees, shareholders, local communities, and public institutions.

■Publication and Announcement Media

This report is published in PDF format on our company's website and can be downloaded. URL: <https://www.makita.biz/>

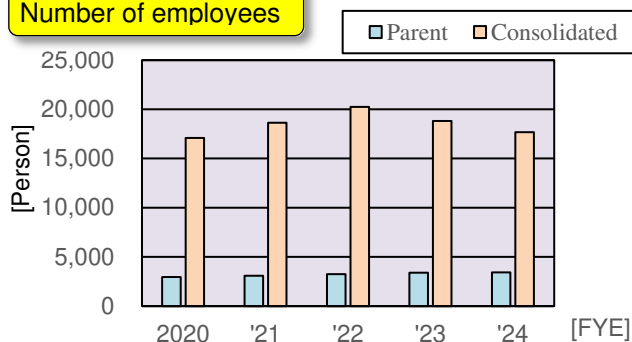
■Report Creation Department and Inquiries (If you have any opinions or comments about this report, please let us know.)

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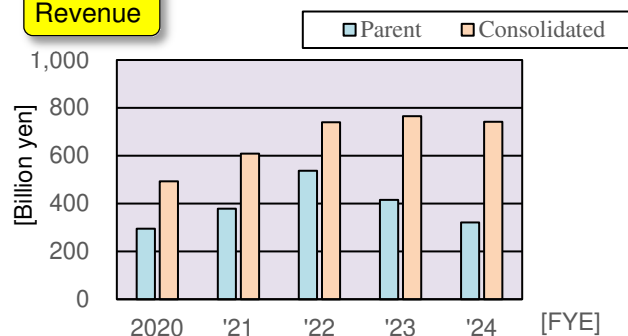
Corporate Profile

Company Name	Makita Corporation	<div>■Head Office</div> 
Head Office	3-11-8, Sumiyoshi-cho, Anjo, Aichi 446-8502, Japan Phone: +81-(0)566-98-1711 URL: https://www.makita.biz/	
Date of Founding	March 21, 1915	
Date of Incorporation	December 10, 1938	
Revenue	¥741.4 billion (consolidated) ¥321.1 billion (Parent)	
Profit Attributable to Owners of the Parent	¥43.7 billion (consolidated) ¥84.1 billion (Parent)	
Paid-in Capital	¥24,206 million	
Number of Employees	17,669 (consolidated) 3,427 (Parent)	
Description of Business	Production and sales of electric power tools, outdoor power equipment, pneumatic tools and household equipment	
Consolidated Subsidiaries	Domestic 1, Overseas 53 (Production subsidiaries 6, Sales and production subsidiaries 2)	

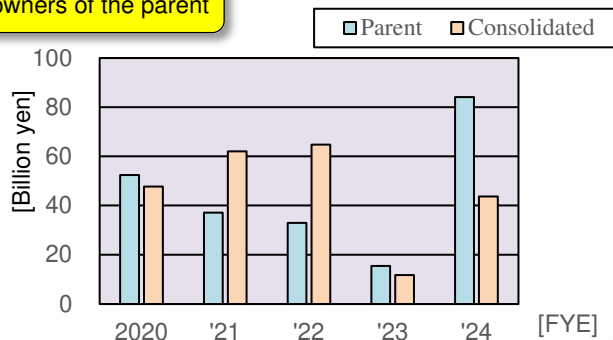
Number of employees



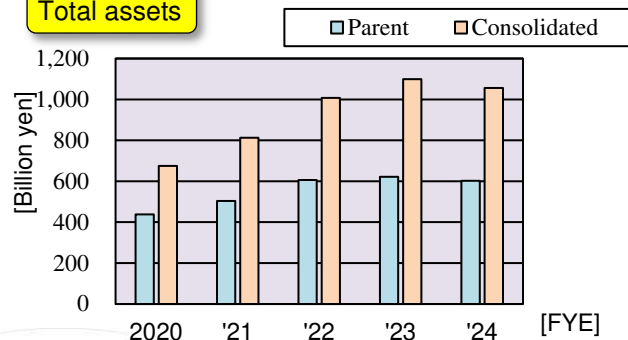
Revenue



Profit attributable to owners of the parent



Total assets



Top Message

Aiming to create a “sustainable recycling-oriented society” that harmonizes the environment with the economy



Looking at the international economic situation during the fiscal year under review, economic growth slowed worldwide, with housing investment remaining sluggish due to persistently high interest rates while monetary tightening policies were implemented in various countries to control inflation. In addition, Russia’s invasion of Ukraine and unrest in the Middle East could lead to further price increases and economic downturns, and the outlook continues to remain uncertain.

In this situation, the Makita Group has focused on expanding its lineup of cordless products, including power tools and outdoor power equipment in the durable high-power, long-life “40Vmax Lithium-ion Battery” (XGT) series, and has introduced new products in new

categories, such as robotic lawnmowers and cordless sweepers. With respect to production, we worked to eliminate waste and reduce costs in all manufacturing processes and to expand initiatives at individual plants to other plants, thereby improving the efficiency of the Group as a whole. We also work to increase the level of the community-based and customer-oriented service framework in order to further strengthen trusting relationships with customers around the world. We strive to deepen and develop the market centered on “40Vmax Lithium-ion Battery” series.

Regarding initiatives toward carbon neutrality, the impact of climate change on society, such as frequent wind and flood disasters, is becoming more serious, and companies are playing an increasingly important role in realizing a decarbonized society. We have identified contributing to a decarbonized society as a material issue that should be prioritized and are stepping up our efforts.

Therefore, the Group is currently working on the realization of a decarbonized society by focusing on cordless outdoor power equipment that does not emit exhaust gases during use as the next pillar of our future business in addition to power tools. In addition, with the goal of reducing our greenhouse gas (GHG) emissions, we have set targets for reducing GHG emissions from our business activities (Scope 1 and 2) by 50% by FY2030 from the FY2020 level and to net zero by FY2040, and reducing GHG emissions from the entire supply chain (Scope 3) to net zero by FY2050.

During the fiscal year ended March 2024, solar panels were installed at the part of Head office and Okazaki plant in Japan and at Estonia branch, and we promoted the use of renewable energy.

We will continue to work on the use of renewable energy and energy conservation in our business activities to achieve GHG emission reduction targets.

“Environmental Report 2024” is published with the objective of presenting the Company’s initiatives for environmental protection activities. I hope this report helps your better understanding for our activities.

June 28, 2024

President, Representative Director
Munetoshi Goto

Environmental Management

■ Corporate Philosophy

Management Policy/Quality Policy

1. Makita strives to exist in harmony with society (a company that observes laws and regulations, acts ethically and never allows intervention of the anti-social organizations).
2. Makita values its customers (a market-driven company).
3. Makita is managed in a consistent and proactive manner (a company that strives to exist in perpetuity by adhering to a sound profit structure).
4. Valuing a stalwart corporate culture, Makita encourages each individual to perform to his or her highest level (a happy company).

Code of Ethics

1. Honest and ethical conduct; no conflict of interest
2. Compliance with applicable laws and regulations
3. Full, fair, timely and understandable disclosure
4. Accountability for adhering to this Code
5. Enforcement mechanism
6. Approval for waiver of this Code

Code of Conduct

1. Am I acting in accordance with ethical guidelines? (Would I be unashamed in front of anyone?)
2. Am I looking at things from the customer's point of view rather than the company's point of view? (Am I leaning more towards the customer than my supervisor or my colleagues?)
3. Am I acting and thinking independently and taking on challenges? (Am I caught up in past experiences and successes?)
4. Am I persistently improving and innovating technology? (Is there a reason we have to do it this way?)
5. When I am on site, do I respect the opinions there? (Do I accurately gather information and communicate adequately?)

Long term Target: Strong Company

Makita has set itself the goal of contributing to the creation of sustainable society and consolidating a strong position in the industry worldwide as a global supplier of a comprehensive range of tools for creating comfortable homes and living environments, including cordless power tools, battery-operated outdoor power equipment and pneumatic tools.

■ Basic Policy on Sustainability

1. As a global supplier of a comprehensive range of tools for creating comfortable homes and living environments, Makita will focus on solving environmental problems and other social issues through our main business, and work to achieve a sustainable society.
2. Makita aims to develop in harmony with society, by promoting corporate ethics and compliance, respect for human rights, protection of the environment, quality assurance, responsible procurement activities, etc. In particular, we consider carbon neutrality and other environmental problems to be issues of the highest importance.
3. Makita will engage in highly fair and transparent corporate management, thereby building strong relationships of trust with all our stakeholders.

Our Commitment to SDGs

SDGs stands for Sustainable Development Goals. SDGs is a global initiative aimed at resolving social issues and creating a bright future, and it consists of 17 goals and 169 targets to be achieved by 2030.

Our company's environmental protection activities are related to some of the goals of the SDGs. Therefore, through our commitment to environmental protection activities, we will contribute achieving SDGs.



Initiatives for the TCFD Recommendations

As the effects of climate change on society, such as high winds and flooding, increase in frequency and severity, the role of companies in achieving decarbonization is becoming more important. Accordingly, we view climate change issues as a high-priority management challenge.

To this end, we are focusing on cordless outdoor power equipment (OPE) that does not emit exhaust gas during use and are actively working to reduce greenhouse gas (GHG) emissions by striving to reach the goal of virtually eliminating GHG emissions from our operations by fiscal 2040 (FYE 2041)

Recognizing the importance of these efforts as well as engaging in dialogue with our stakeholders regarding the impact of climate-related risks and opportunities on our business and other activities, we endorsed the recommendations of the TCFD (Task Force on Climate-Related Financial Disclosures) in 2021

Environmental Vision



The “Go Green” slogan symbolizes Makita’s commitment to continually providing new value as a comprehensive international supplier of tools. We hope to always remain as a company that maintains a steady eye on society, challenging ourselves to create a “sustainable recycling-oriented society” that harmonizes the environment with the economy.

Environmental Policy

Basic Principles

As a global supplier of a comprehensive range of tools for creating comfortable homes and living environments, Makita is aiming to conduct a wide range of environmental protection activities, in order to contribute to having sustainable society and conservation of biodiversity.

Policies

1. Enforcement of environmental administrative structure

To conduct our business in an environmentally and friendly way, we will organize our environmental administrative structure on a global scale.

2. Continuous improvement and pollution prevention

Makita will endeavor to continuously improve the quality of environmental protection activities and prevent from pollution.

3. Compliance with applicable laws and regulations

Makita will comply with applicable laws, regulations and standards concerning the environment.

Moreover, Makita will take preventive action against environmental pollution, based on our environmental principle.

4. Establishment and review of objectives and aims

Makita will endeavor to fully understand environmental impacts we may cause and periodically review the environmental objectives and goals within the technically and economically possible range.

5. Reduction of environmental burden

Makita endeavors to promote the following activities to reduce environmental burden.

- Reduction of greenhouse gas (CO₂) emissions by conservation of resources and energy.
- Reduction of industrial waste and promotion of waste reuse.
- Replacement from substance of environmental concern and emission control.
- Implementation of product assessment and development of environment-conscious products centered around cordless products at the stage of tool design and development

6. Disclosure

Makita will make this environmental policy known to all of our employees through internal communication and will positively announce it to the public.

Topics

■ Our Commitment to Carbon Neutrality

■Shifting from engine-powered to battery-powered

In the past, the majority of OPE (Outdoor Power Equipment) was engine powered. However, while that provides superior power and stamina, the environmental impact of exhaust emissions has been a major issue. In recent years, global warming, which is one of the most serious environmental problems, has drawn particular attention from society. Our company is focusing on cordless OPE that do not emit exhaust gas when used, and contribute to solving environmental problems, particularly global warming.

Our company will contribute to the realization of a decarbonized society in the future by utilizing our battery and motor technologies cultivated through the manufacture of power tools, and accelerating shifting from engine-powered to battery-powered products by proactively developing and expanding sales of cordless products whose usability is comparable to that of engine-powered products.

■Sustainability Committee Established

The role of corporations in achieving a decarbonized society is becoming increasingly important, and in 2021 we established a new Sustainability Committee chaired by the President to promote carbon neutrality. In addition to setting targets to reduce greenhouse gas emissions, we will proceed with promoting initiatives to reduce emissions, including the use of renewable energy.

■Environmental Initiatives of Head Office and Okazaki plant

We are continuously working to reduce GHG emissions by upgrading to LED lighting, improving the efficiency of air conditioning and compressors, and reducing air leakage in our plants. Last year, in addition to previous initiatives, we installed solar panels on Okazaki Plant's shipping building and the Development and Testing Building at Head Office.



■Environmental Initiatives of Sales Offices in Japan

Solar panels are being progressively installed at our branches and sales offices in Japan, and installation has been completed at several sales offices.

[The photo shows the Kumamoto branch office]



■Environmental Initiatives of Overseas Plants

We have plants in eight countries, and approximately 90% of our production volume is produced at our overseas locations.

We are in the process of installing solar panels at plants overseas and will continue to install panels positively from now on.

[The photo shows the Thailand plant]



■Environmental Initiatives of Overseas Sales Companies

We have established directly managed sales offices in approximately 50 countries around the world and are engaged in activities such as installing solar panels.

In FYE2024, solar panels were installed at Estonia branch in Finland. Going forward, we will continue to actively install them at other overseas sales companies.



Our sales subsidiary in the Germany has completed construction of a geothermal heat pump in compliance with the new energy law in Germany, and the building, which was designed with energy conservation in mind, has a cooling and heating system that uses geothermal heat and lets in natural light. (Our sales subsidiary in the Netherlands is also making similar efforts.)



■Initiatives in the Supply Chain

Carbon neutral initiatives including the installation of solar panels are also being promoted at the company's suppliers.

■Using Environmentally Friendly Materials for Products and Packaging

To contribute to carbon neutrality, Makita is promoting initiatives to use biomass materials in the manufacture of a portion of its products. Furthermore, in FYE 2022 we began switching from conventional to biomass plastic bags in our product packaging. To help reduce waste plastic across society, in addition to biomass materials, we considered introducing recycled resin materials and began to install a portion of bags and cases made from these materials in FYE 2024.

*1 Model GA9060 series motor housing

Biomass materials are used in the motor housing cover.



*2 MAKPAC case Type2 (A-60517)

By using recycled resin materials, we reduced the amount of raw materials used as well as GHG emissions.



■ Promoting the Elimination of Plastic

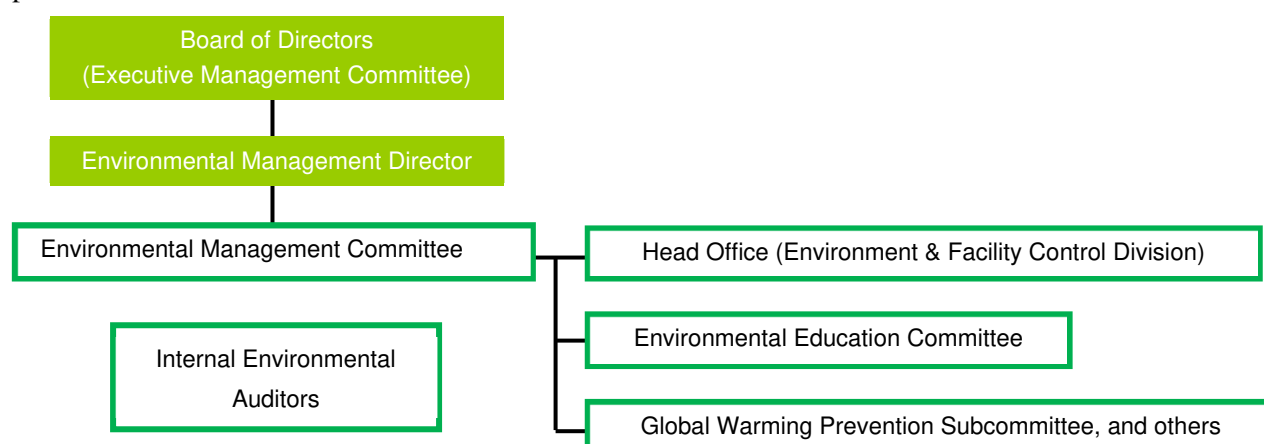
Due to concern about global environmental pollution in the form of plastic waste in the oceans and amid social efforts to reduce the consumption of single-use plastics, we are working to cut back on the volume of single-use plastics in our product packaging and thereby contribute to the realization of a sustainable society and the preservation of biodiversity. In addition to simplifying packaging, from FYE 2021, we have been reducing the use of plastic bags by devising better packaging materials. We plan to further promote the elimination of plastic in the future.

Environmental Management System

Environmental Management Promotion Framework

Recognizing environmental protection activities as a high-priority management challenge, we promote Environmental Management with the following framework.

We have the Environmental Management Committee as a body for deliberating and deciding on environmental protection activities. Environmental Management Director oversees this committee. We have also established one committee and five subcommittees under the umbrella of this committee, which promote specific environmental activities.



■Environmental Management Committee

The committee addresses Company-wide environmental targets and handles tasks ranging from policy and action discussions to recognition of activity outcomes.

■Environmental Education Committee

The committee plans environmental education for new employees / supervisors and reviews the texts for the education.

■Internal Environmental Auditors

The auditors check compliance with legal requirements, suitability of environmental management system, reduction of environmental risk, effective environmental impact reduction objectively. The audit is also useful for sharing the knowledge between departments.

ISO14001

Makita has established and run its own environmental management system since 1998. For the purpose of leveraging that system as a tool for mitigating environmental burdens, our Head Office and Okazaki Plant first received ISO 14001 certification in 2007. In later years, our Nisshin Office and all of our overseas production bases received the certification and are now operating environmental management systems. We promote the protection of the environment at all of our business bases mentioned above and carry out activities, such as Internal Environmental Audits and environmental education, based on the requirements of the certification.

■ISO 14001 certification

All production bases have ISO 14001 certification. Except for production bases, Head Office and Nisshin Office in Japan have the certification.

JAPAN	AICHI	Head Office, Okazaki Plant, Nisshin Office
Overseas production bases	CHINA	Makita (China) Co., Ltd. / Makita (Kunshan) Co., Ltd.
	THAILAND	Makita Manufacturing (Thailand) Co., Ltd.
	UNITED STATES	Makita Corporation of America
	BRAZIL	Makita do Brasil Ferramentas Elétricas Ltda.

	UNITED KINGDOM	Makita Manufacturing Europe Ltd.
	GERMANY	Makita Engineering Germany GmbH
	ROMANIA	SC Makita EU SRL

■ Internal Environmental Audit

Internal environmental audits are conducted annually at all of the above ISO14001 certified bases (11 bases). We audit compliance of legal requirements, conformity of environmental management, and effectiveness in reducing environmental risks and environmental impact. Furthermore, audits serve to not only objectively audit departmental activities, but they are also useful for sharing knowhow among departments. Audit results are also reported to the president and other relevant parties.

■ Environmental Accounting

1) Target Period: April 1, 2023 ~ March 31, 2024) Scope: Head Office, Okazaki Plant, Nisshin Office

■ Environmental Conservation Cost

(Unit: thousand yen)

Category		Investment	Cost	Total	Key Activity
Business area costs	Pollution Prevention Cost	600	143,877	144,477	<ul style="list-style-type: none"> · Measurement of air and water quality, etc. · Renovation of rainwater drainage system piping
	Global Environmental Conservation	746,589	302,786	1,049,375	<ul style="list-style-type: none"> · Installation of solar power generation equipment · Renewal of production facilities · Change from fluorescent to LED · Periodic inspection of equipment containing Freon
	Resource Circulation Cost	25,000	77,497	102,497	<ul style="list-style-type: none"> · Recycling and disposal of waste · Renovation of fire hydrant piping
Upstream/Downstream Cost		-	31,778	31,778	<ul style="list-style-type: none"> · Collecting and recycling packages · Collecting and recycling small secondary batteries
Administration Cost		-	79,591	79,591	<ul style="list-style-type: none"> · Environmental education · Expenses for Environmental Group's activity · Maintenance of green area in Office and Plant
R&D Cost		-	2,962,205	2,962,205	<ul style="list-style-type: none"> · Development of environmentally conscious products
Social Activity Cost		-	0	0	<ul style="list-style-type: none"> · Participation of community activity
Environmental Remediation Cost		-	0	0	<ul style="list-style-type: none"> · Restoration related to groundwater pollution and soil pollution
Total		772,189	3,597,734	4,369,923	

■ Environmental Conservation Benefit

Detail of Benefit		Amount of Benefit					Economic Benefit (Unit: thousand yen)
		Category	Unit	FYE2023	FYE2024	Difference	
Business area	Benefit Related to Resources Input into Business Activities	Energy consumption	kl	5,732	5,619	-113	Reduction of energy consumption by energy saving activities
		Water usage	m ³	100,737	92,517	-8,220	22,361 (Reduction)
	Benefit Related to Waste or Environmental Impact Originating from Business Activities	GHG emissions	t-CO ₂	9,169	9,172	3	Reduction of waste treatment due to resource saving and recycling
		Wastewater	m ³	73,022	67,489	-5,533	
		Waste emission (Total waste generated)	t	1,427 (3,864)	978 (2,992)	-449	
Upstream/Downstream	Benefit Related to Goods and Services Produced from Business Activities	Battery Recycling	t	33	38	5	-
other	Sale of valuables	Total volume	t	2,437	2,014	-423	Revenue from sales of valuable resources generated from business activities
							63,135
							Total: 94,824

Our Commitment to Creating Environmentally Conscious Products

Development of Environmentally Conscious Products

■Development of Products including New Environmental Technologies

We are working to reduce the size and weight of our products as a whole, as well as to increase their power and life by increasing the capacity of new technology motors (the DC brushless motor) and batteries, improving motor efficiency, and reducing the size and weight of power components that affect the mass of products. Furthermore, by utilizing our industry-leading battery charge and discharge technology and motor technology to promote manufacturing various rechargeable products (cordless and engineless products), we are contributing to improving user safety, convenience, and comfort, as well as reducing exhaust gas, noise, and fuel consumption. The 40Vmax series is one of the most important and powerful platforms for the future, which will further allow us to make various products cordless.

■Publication of Product Environmental Data Sheets

Since FYE 2011, we have been publishing quantitative data of the environmental performance of each of our products (product weight, noise level, the percentage of reusability and recyclability, renewable rate, efficiency, etc.) on our website, in order to give a better understanding of the environmental performance of our products.

Green Procurement

■Supply Chain Management

In order to review the status of environmental activities of our suppliers, we conduct a questionnaire survey on environmental protection activities to our suppliers (e.g., to check whether they have acquired an environmental management system certification and review specific plants subject to laws and regulations).

■Compliance with Overseas Environmental Laws and Regulations (RoHS, REACH)

Substances regulated by environmental laws and regulations are defined as Makita Prohibited and Controlled Chemical Substances. In order to ensure compliance with the European RoHS Directive, we control chemical substances to conform to the RoHS Directive.

In order to ensure compliance with the European REACH regulations, we continuously issue a survey to our suppliers to obtain information on chemical substance content because substances of very high concern (SVHC) are regularly added to the list.

Makita Prohibited and Controlled Chemical Substances

	No.	Substances	Threshold level
Prohibited Chemical Substances	1	Lead and its compounds	1,000 ppm
	2	Mercury and its compounds	1,000 ppm
	3	Cadmium and its compounds	100 ppm
	4	Hexavalent Chromium and its compounds	1,000 ppm
	5	Polybrominated biphenyls (PBBs)	1,000 ppm
	6	Polybrominated diphenyl Ethers (PBDEs)	1,000 ppm
	7~10	Bis(2-ethylhexyl) phthalate (DEHP), Butyl benzyl phthalate (BBP), Dibutyl phthalate (DBP), Diisobutyl phthalate (DIBP)	1,000 ppm (each substance)
	11	Asbestos	Intentionally added
	12	Poly chlorinated Biphenyls (PCBs)	Intentionally added
	13	"Total of lead, mercury, cadmium, hexavalent chromium"	100 ppm for packaging material
	14	Restricted substances in Annex XVII of EU REACH Regulation	Conditions of restriction is specified for each substance
Controlled Chemical Substances		SVHC in EU REACH Regulation	1,000 ppm

Environmentally Conscious Products

We design all of our products with due consideration for the environment. This section introduces some of our new products launched in FYE 2024 that contribute to solving environmental problems, improving the working environment, and improving working efficiency.

Related SDGs



40Vmax Battery Line-up

Good balance between high power and longer-life of batteries by our unique new system (optimum power supply system and optimum charging system)

Cordless Angle Grinders
GA052G



We realize high-speed, highly efficient operation by adopting a very rigid motor housing and vibration-proof structure.

Cordless Circular Saw
KS003G



In addition to the improvement of the visibility of the cutting edge and the optimization of center-of-gravity balance, the mode (rotation speed) switching function supports various cutting operations.

Cordless Rotary Hammer
HR010G



We realize high power and low vibration while maintaining a lightweight and compact structure by reviewing the striking part structure and using a vibration proofing mechanism.

Cordless High Pressure Washer
MHW001G



High discharge pressure and large discharged water volume enable cleaning power exceeding that of the company's AC machines, while we have also considered mobility and transportability with large casters and telescopic handles.

Cordless Vacuum Sweeper
VS001G



Two main brushes rotate to collect dust particles of various sizes, and the dust collection function reduces rising dust.

18V Battery Built-in

Robotic Lawnmower
RM350D



We reduce the effort required for lawn management with automatic mowing and recharging, which is also environmentally friendly due to the low level of noise.

18V Battery Line-up

Cordless Grass Trimmer
MUR195UD



This trimmer has usability equivalent to a 23mL engine type and good weight balance, and we adopted a speed control lever that can be adjusted steplessly to the desired speed.

Cordless Cut-off Saw
MC300D



With excellent handling taking advantage of its compact, lightweight body, this cutter is ideal for cutting in tight spaces, and the direction of sparks and dust dispersal can be changed using the forward-reverse switch.

Battery Powered Wheelbarrow
CU601D



With a maximum working capacity of 300 kg (on flat ground at an angle of less than 3°), this transporter contributes to labor saving in transportation work, and the cargo bed can be raised and lowered electrically to provide comfort support.

Makita's Cordless Products that Contribute to Solving Social Issues

■Solving the Labor Shortage and Improving the Working Environment

<Battery Powered Wheelbarrow>

Japan's agriculture is facing a serious labor shortage due to heavy labor and the aging population. It is said that 60% of agricultural work involves carrying tasks, and the wheelbarrow used for carrying loads strain the shoulders and back due to uneven surfaces. There are engine-powered transport vehicles, but you sometimes need to worry about the noise when using them early in the morning, and they take a long time to start up, need fuel (e.g., gasoline) to run, and generate exhaust gas emissions.

On the other hand, the CU180D battery powered wheelbarrow is powered by an 18V battery, which is a standard battery for other cordless tools. As it can be used in the same way as a wheelbarrow and is motor assisted, even elderly people and women can carry heavy loads with less power.

Both the CU601D and CU602D rechargeable transporters with a battery-powered cargo bed for raising and lowering were added to the lineup from 2023.



<Cordless Fan Jacket>

Due to global warming, extremely hot days are increasing, and working in a hot environment increases strain on the body and the risk of heat stroke.

The cordless fan jacket is a jacket with small fans that circulate air through the jacket to dry sweat and cool the body with the heat of vaporization. This is an item for preventing heat and can be used in places like outdoors where air conditioners or fans cannot be used.



Related SDGs



<Robotic Cleaner>

Cleaning large areas, such as offices, stores, and warehouses, requires manpower. In addition, in factories where manufacturing machines are lined up, there are many areas that cannot be cleaned manually unless the machines are stopped for safety.

The robotic cleaner can automatically clean areas that require cleaning by, for example, doing work that requires bending over, which puts a strain on the back, and in very large areas. There is no need to turn on lights for cleaning or stop machines because people do not go near the manufacturing machines.



■Disaster Preparedness

< Disaster Prevention Combo Kit >

In recent years, due to frequent natural disasters caused by global warming, cordless products have attracted attention in terms of early recovery from disasters and disaster preparedness. Our disaster prevention combo kit, which is useful in case of a disaster, includes in the package a light needed in case of a power failure at night, a radio and a television to obtain correct information, and a battery and charger. It also includes a light that can charge a smartphone by connecting a USB cord.



Related SDGs



<Rechargeable Rescue Products Series>

· Changing firefighting and disaster reconstruction products from engines to charging

These products have good starting performance, can be turned on and used quickly with one touch and can be used anywhere, including indoors or underground, because they emit no exhaust gas. Unlike engine-powered products, these products are not affected by the environment of use and can always work at high power even if there is a lack of oxygen. Because they do not require fuel, maintenance is easy, batteries can be replaced quickly, and they help a quick response at times of disaster.



Related SDGs



■ Sustainable Society

<Cordless Outdoor Power Equipment>

In the past, most chainsaws and mowers used outdoors were engine powered. Engine-powered products are powerful and can be used for many hours, but because they generate exhaust gas emissions and noise, there are time and locational constraints on using them, and they are not easy to use because they need gasoline. The cordless OPE is an environmentally friendly product for workers and the environment, including animals and plants, because it can be used just like an engine-powered product, is low noise, and does not generate exhaust gas emissions.

Related SDGs



Environmental Action Plan and Achievements

Environmental Performance

Domestic Business Base

Category	major index	unit	*Office /Plant	FYE 2020	FYE 2021	FYE 2022	FYE 2023	FYE 2024	Related page
Energy consumption	Crude oil equivalent energy	kl	1	6,054	6,556	7,522	6,507	6,219	P.19
	Intensity (The value in FYE2010 is taken as 100)			75.5	80.7	75.1	71.0	58.3	
	Year - on - year reduction rate	-		3.0	-6.9	6.9	5.5	17.9	
Greenhouse gas	GHG emissions in offices and Plant	t-CO ₂	1	12,848	13,693	14,550	13,801	14,023	P.19
	Intensity per amount of sales	t-CO ₂ /100 mil. yen		4.4	3.6	2.7	3.3	4.4	
Water consumption	Water Usage	m ³	1	102,339	100,262	117,000	112,095	102,477	P.20
	Intensity per amount of sales	m ³ /100 mil. yen		34.7	26.5	21.8	27.0	31.9	
Chemical substances	PRTR law (handling amount)	kg	2	30,443	30,717	38,165	24,845	27,302	P.19
	PRTR law (release and transfer amount)	kg		20,577	20,612	25,824	16,594	17,890	
	Intensity per amount of sales	kg/100 mil. yen		7.0	5.5	4.8	4.0	5.6	
Waste	Total amount of waste generated	t	2	4,755	5,022	5,907	3,864	2,991	P.20
	Intensity per amount of sales	t/100 mil. yen		1.6	1.3	1.1	0.9	0.9	
	Final disposal amount	t		6.6	9.0	11.4	6.2	5.8	
	Final disposal rate	%		0.14	0.18	0.19	0.16	0.19	

Total of Overseas Plants

Category	major index	unit	*Office /Plant	FYE 2020	FYE 2021	FYE 2022	FYE 2023	FYE 2024	Related page
Greenhouse gas	GHG emissions	t-CO ₂	3	53,549	57,656	46,551	32,391	24,444	P.19
	Intensity per amount of sales	t-CO ₂ /100 mil. yen		18.8	14.4	7.8	7.2	6.8	
Water consumption	Water Usage	m ³		271,986	308,328	317,185	251,728	201,913	P.20
	Intensity per amount of sales	m ³ /100 mil. yen		95.2	76.8	52.8	56.1	56.0	
Chemical substances	Amount of chemical substances	t		244	311	380	189	189	-
	Intensity per amount of sales	kg/100 mil. yen		85.3	77.5	63.3	42.2	51.1	
Waste	Total amount of waste generated	t		19,504	24,289	29,957	17,964	13,727	P.20
	Intensity per amount of sales	t/100 mil. yen		6.8	6.1	5.0	4.0	3.7	
	Final disposal amount	t		1,054	758	1,399	1,073	823	-
	Final disposal rate	%		5.4	3.1	4.7	6.0	6.0	

Total of Global

Category	major index	unit	*Office /Plant	FYE 2020	FYE 2021	FYE 2022	FYE 2023	FYE 2024	Related page
Greenhouse gas	GHG emissions (Scope 1, 2)	t-CO ₂	4		89,673	78,899	65,533	57,071	P.18
	Intensity per amount of sales	t-CO ₂ /100 mil. yen			14.7	10.7	8.6	7.7	

*Office/Plant 1: Domestic business base (Head Office, Okazaki Plant, Nisshin Office and Sales Offices, Logistics Centers)

2: Domestic business base (Head Office, Okazaki Plant and Nisshin Office)

3: Overseas Plants 4: Domestic and Overseas business base

CO2 calculation based on GHG protocol standards was changed in FYE 2021.

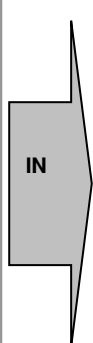
Resource Input and Environmental Burden Emitted (Material Balance)

In order to engage in activities ranging from the development to production and sales of power tools, OPE, air tools, and household equipment, including those that are cordless, our company uses energy and water resources such as electricity and fuel, and resources as raw materials and parts (input), and discharges greenhouse gases (CO₂), chemical substances, wastewater and waste (output). The table below shows the amount of energy and resources used, as well as the number of substances with environmental impact discharged in the process of our company's business activities, from development to recovery, and we use this data to promote environmentally conscious business activities.

FYE 2024 achievements

RESOURCE INPUT

■Energy Consumption	
Electricity	88,546 MWh
*Incl renewable energy	6,545 MWh
District heating	910 MWh
Fuel	87,118 MWh
Solar power generation	3,629 MWh
●Water Usage	304 x10³ m³
●Chemical Substances	640 t
●Raw Materials	
Metal	22,170 t
Non-metal	294 t
●Parts	
Metal parts	8,578 t
Plastic parts	23,198 t
Electrical parts	4,676 t



Makita group



ENVIRONMENTAL BURDEN EMITTED

■Total Production Volume	23.36 mil. Units
■GHG Emissions	57,071 t-CO₂
●Wastewater	277 x10³ m³
▲BOD*	2.7 mg/l
●Chemical Substances (Release and Transfer Amount)	
Styrene	200 t
Toluene	5 t
Xylene	4 t
Ethylbenzene	3 t
◆Waste Emissions	16,719 t
◆Final Disposal Amount	829 t
▲Valuable Resources Generated	2,014 t
▼Batteries Recycling	38 t

Scope: ■Domestic and Overseas Business Base

- Domestic Business Base and Overseas Plants
- ◆Domestic and Overseas Plants
- ▼Domestic Business Base
- ▲Domestic Plants

Regarding raw materials and parts, items mainly used in processing and manufacturing at plants are counted.

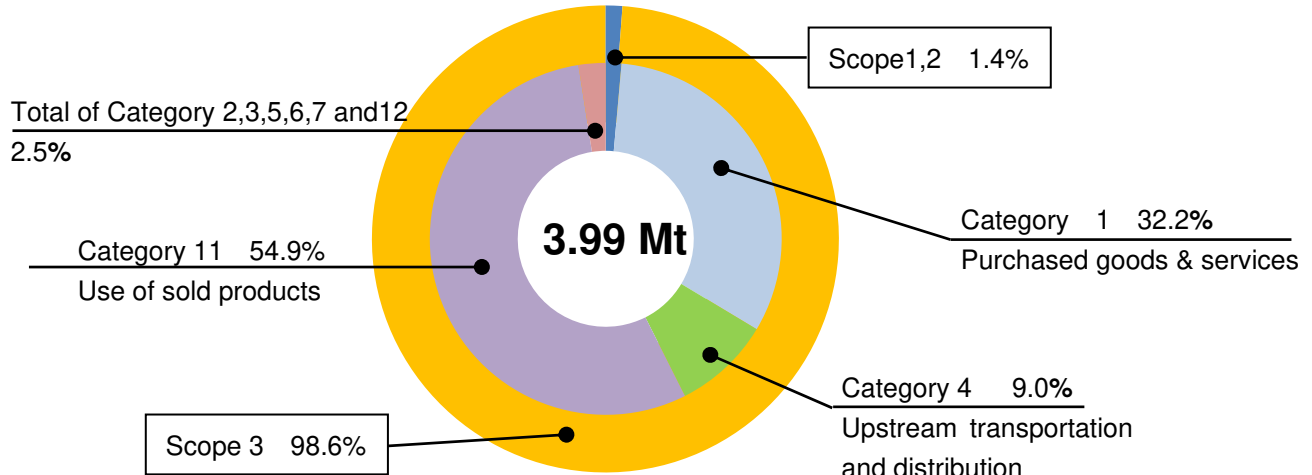
*Chemical substances: mixtures that contain Styrene, Xylene and Toluene.

*Biochemical oxygen demand: One of the indicator of water pollution

GHG Emissions throughout the Supply Chain

With reference to the international standards for calculating greenhouse gas emissions “GHG Protocol”, we calculated GHG emissions from our business activities (Scope 1 and 2) and GHG emissions from other companies related to our business activities (Scope 3).

As emissions in Category 11 (Use of Sold Products) account for approximately 55% of total emissions across the entire supply chain, we will focus on developing environmentally conscious products.



Categories		GHG Emissions in FYE2024	
		t-CO ₂	Remark
Scope 1		19,725	
Scope 2		37,346	
Scope 3 Breakdown			
Category 1	Purchased goods & services	1,283,190	
Category 2	Capital goods	59,723	
Category 3	Fuel-and-energy-related activities not included in Scope 1 or Scope 2	10,168	
Category 4	Upstream transportation and distribution	358,635	
Category 5	Waste generated in operations	2,133	
Category 6	Business travel	2,304	
Category 7	Employee commuting	7,320	
Category 8	Upstream leased assets	-	This category does not apply to Makita business.
Category 9	Downstream transportation and distribution	-	This category does not apply to Makita business.
Category 10	Processing of sold products	-	This category does not apply to Makita business.
Category 11	Use of sold products	2,192,243	
Category 12	End of life treatment of sold products	17,903	
Category 13	Downstream leased assets	-	This category does not apply to Makita business.
Category 14	Franchises	-	This category does not apply to Makita business.
Category 15	Investments	-	This category does not apply to Makita business.

FYE 2024 Achievements Based on Our Environmental Action Plan

In order to promote the four environmental impact reduction initiatives, which are set out in the Environmental Policy, namely preventing global warming, promoting waste reduction and recycling, substitution and emission control of substances with environmental impact, and providing environmentally conscious products, we implement activities based on the Environmental Action Plan.

Environmental Action Plan

Target	Action	Achievement in FYE 2024
Preventing global warming (Reduction of GHG emissions)	Reduce company-wide energy consumption intensity by over 1% year on year	Energy consumption intensity decreased by 18% year on year.
Promoting waste reduction and recycling	Continue our company's slogan "Zero Waste, Zero Emissions." (Below the final disposal rate of 0.5%)	Below the final disposal rate of 0.19%
Substitution and emission control of substances with environmental impact	Promoting proper management of chemical substances	Continued necessary actions for EU RoHS Directive and EU REACH Regulation
Providing environmentally conscious products	Promote to shift to cordless and engineless	Promoted developing and expanding sales for environmentally friendly battery operated products

Targets related to GHG Emissions

The Makita Group has set goals to reduce GHG emissions from its own business activities (Scope 1 and 2) to virtually zero by fiscal 2040 (FYE 2041) and from its entire supply chain (Scope 3) to virtually zero by fiscal 2050 (FYE 2051). The mid-term target for Scope 1 and 2 is to halve the fiscal 2020 (FYE 2021) level by fiscal 2030 (FYE 2031).

Targets and results related to GHG emissions (t-CO₂)

	Fiscal 2020 (FYE 2021) results	Fiscal 2021 (FYE 2022) results	Fiscal 2022 (FYE 2023) results	Fiscal 2023 (FYE 2024) results	Fiscal 2030 (FYE 2031) targets	Fiscal 2040 (FYE 2041) targets	Fiscal 2050 (FYE 2051) targets
Scope 1,2	89,673	78,899	65,533	57,071	44,836	Virtually zero	
Scope 3	6,006,569	7,264,652	5,556,933	3,933,618	---	---	Virtually zero

Environmental Initiatives in Our Business Activities

Based on the fundamental principles of creating clean plants and environmentally friendly offices, and preserving the environment from a global perspective, our company not only complies with laws and regulations, but is also working to reduce the environmental impact of our business activities by reducing the use of energy and water resources, and the emissions of chemical substances and waste.

Global Warming Prevention

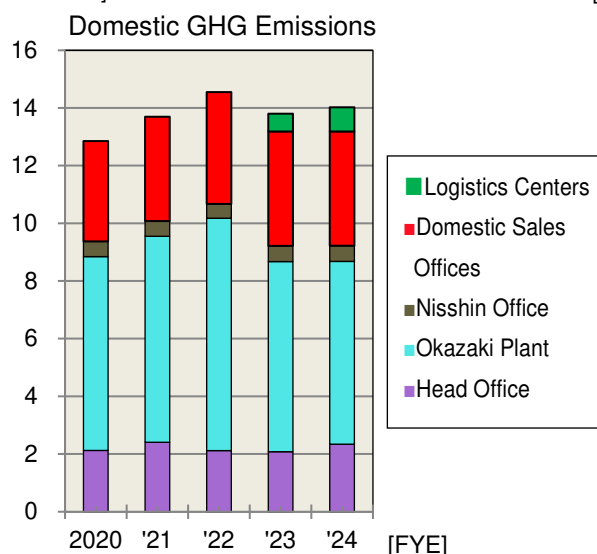
GHG Emissions

Related SDGs

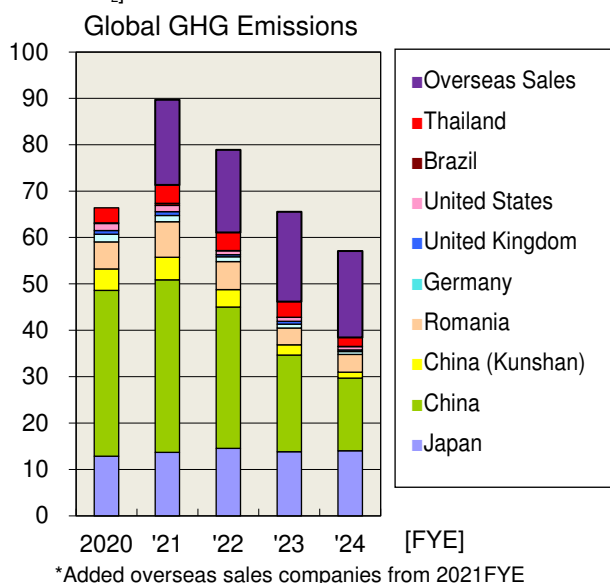


GHG emissions from all our domestic business bases increased by 1.6% year on year to 14,023 tons. On a global basis, GHG emissions decreased by 12.9% year on year to 57,071 tons. This fiscal year, solar panels were installed at the part of Head office and Okazaki plant in Japan and at Estonia branch.

[thousand t-CO₂]



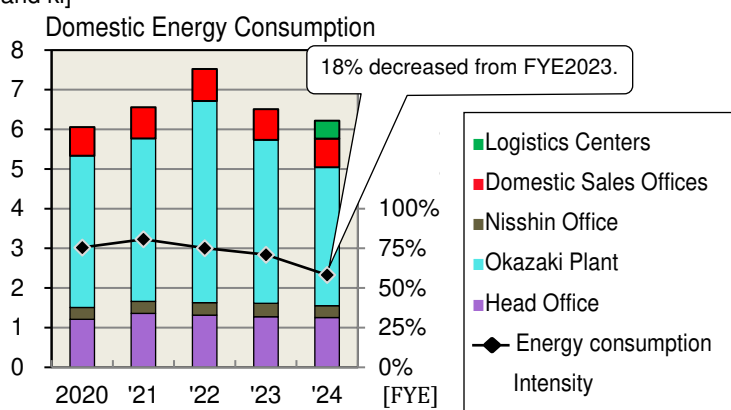
[thousand t-CO₂]



Total Energy Consumption

Total energy consumption by all our domestic business bases decreased by 4.4% year on year to 6,219 kiloliters. Energy consumption intensity is decreasing in the long term. We reduce energy consumption systematically to achieve the reduction of 1% required by Energy Conservation Law in Japan.

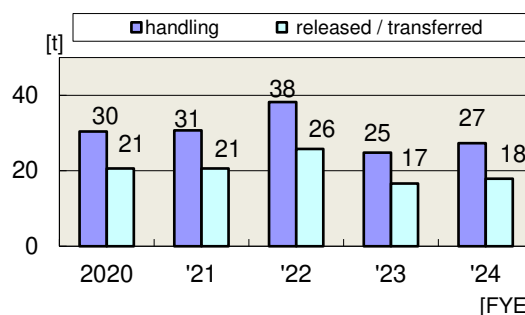
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Management of Chemical Substances

The Amount of Chemical Substances Released and Transferred

The graph on the right shows the trends in the handling amount and the released and transferred amount of Class I designated chemical substances (including specific designated chemical substances) designated by the PRTR law.



Water Usage

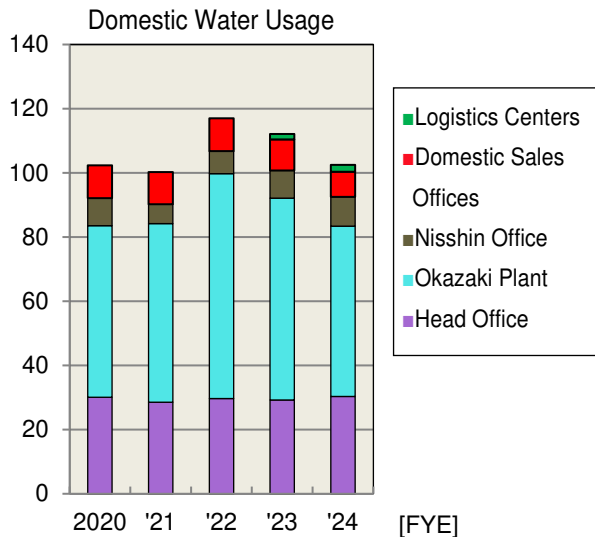


Related SDGs

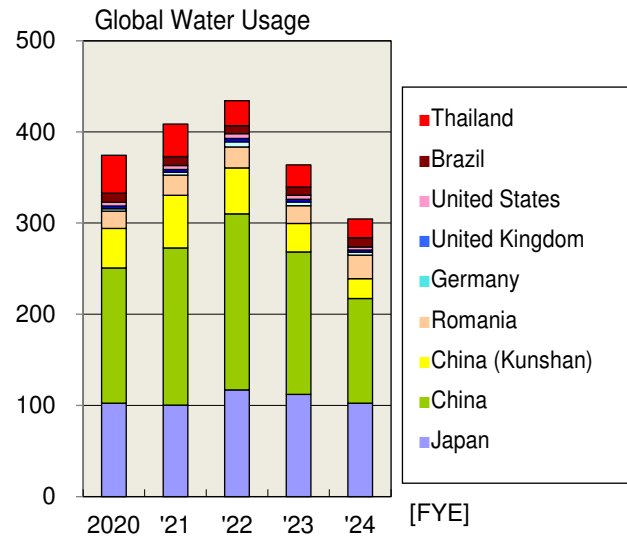
Water Resource Input

As for our domestic business bases, volume decreased by 8.6% year on year to 102,477 tons. On a global basis, volume decreased by 16.3% to 304,390 tons.

[thousand t]



[thousand t]



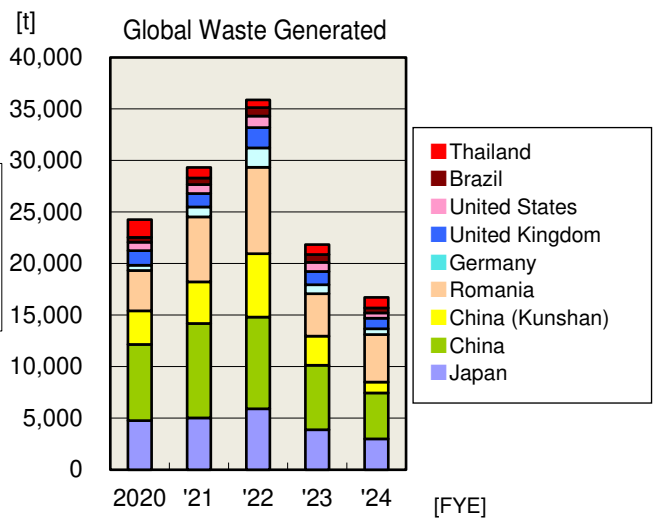
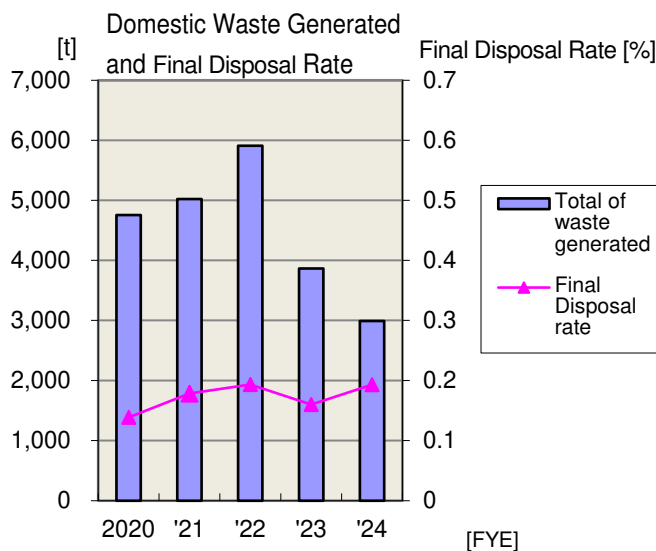
Related SDGs



Reduction of Emissions

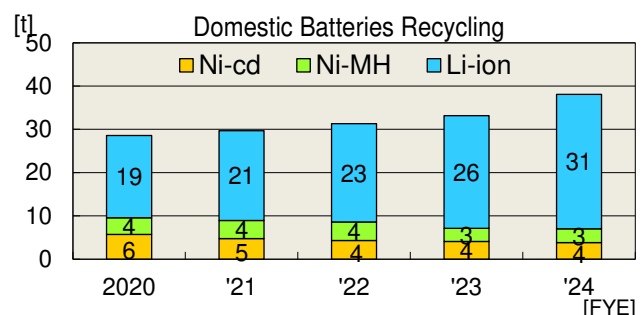
The Total Volume of Waste Generated and Final Disposal Rate

The total volume of waste is linked to production volume. The final disposal rate of our domestic business bases (Head Office, Okazaki Plant and Nisshin Office) has consistently been below the final disposal rate of 0.5%, which is a target under our company's slogan "Zero Waste, Zero Emissions."



Recycling of Small Secondary Batteries

Based on the Act on the Promotion of Effective Utilization of Resources, we, as a recycling member of JBRC (Japan Portable Rechargeable Battery Recycling Center), are voluntarily collecting and recycling small secondary batteries, and our 130 offices in total, which include 129 sales offices (as of March 31, 2024) and Head Office, are registered as collection points.



Environmental Communication with Local Communities

Social Contribution Activities for Local Communities

■Volunteer Cleanup Activities

Head Office recruits employees to participate in cleanup activities in the area in May and October each year as part of Anjo City's beautification campaign. Also, at Okazaki Plant, we clean the promenade on the east side of the plant premises. We will continue to participate in local activities and actively engage in environmental protection activities.

Cleaning around the Head Office (Oct-2023)



Cleaning the east side promenade of the plant (May-2023)



Our Commitment to Preventing Environmental Risks

■Compliance with Environmental Regulations

In FYE 2024, there were no major revisions to environmental laws and regulations related to our company. Our company complies with environmental laws and regulations. And we did not receive any environment-related complaints.

■PCB Waste Management and Handling

In FYE 2024, our company do not have any stored PCB (polychlorinated biphenyl) waste.

In the future, we will systematically dispose of low-concentration PCB-contaminated waste electrical equipment that is generated when transformers and other power receiving equipment are upgraded.

■Conservation of Biodiversity

Our company is committed to conserving biodiversity company-wide by incorporating the phrase “aiming to conduct a wide range of environmental protection activities, in order to contribute to conservation of biodiversity” in the basic principles of our Environmental Policy.

We basically believe that all our environmental activities, including those aimed at reducing the environmental impact of our business activities by, for example, preventing global warming and reducing waste, lead to the conservation of biodiversity, and we promote such activities. Specific examples of such activities include promoting the greening of plant sites and making our water quality standards on water discharged into public water area stricter than laws and ordinances.

In addition, the Okazaki Plant's new distribution building, completed in 2021, is planted with indigenous species such as *benthamidia japonica*, *machilus thunbergii*, *prunus yedoensis*, weeping cherry, *rhododendron indicum*, and *podocarpus macrophyllus*.

Environmental History

(Letter in Green; Our History of Approach on Environment)

Mar 1915	Founded Makita Electric Works (proprietorship) in Nagoya City. Began selling and repairing lighting equipment, motors, and transformers.
Dec 1938	Incorporated the proprietorship's business form and established Makita Electric Works, Inc.
Apr 1945	Moved the plant, in an attempt to avoid air raid, to the current head office in Sumiyoshi-Cho, Anjo-City.
Jan 1958	Started marketing portable electric planers, the first product in Japan.
May 1962	Changed the trade name to Makita Electric Works, Ltd.
Jul 1970	Established Makita U.S.A Inc.
Jul 1970	Established a new facility, Okazaki plant.
Jun 1981	Established Makita Brazil Ferramentas Elétricas Ltda., and started production.
Sep 1984	Established Makita Corporation of America. (Plant in the U.S.A, started production from Jan.1985)
Dec 1989	Established Makita Manufacturing Europe Ltd. (Plant in the U.K, started production from Jul.1991)
Jan 1991	Acquired Sachs Dolmar GmbH, chain saw manufacturer. (Plant in Germany)
Apr 1991	Changed the name to Makita Corporation.
Apr 1992	Opened Nisshin Branch
Apr 1992	Started collection of Ni-Cd batteries.
Mar 1993	Settled on Makita's global environment charter. (This year is called Makita's environment first year.)
Jul 1993	Held the first meeting on environment.
Dec 1993	Established Makita (China) Co., Ltd. (MCC, plant in China, started production from Jul.1995)
Dec 1993	Settled on Makita's environmental voluntary plan. (Started environmental activities such as ozonosphere protection, measures for controlling global warming and industrial waste and using effective resources.)
Sep 1995	Established Makita Ichinomiya (MIC)
Nov 1997	Explanation concerning approach on global environment to all the foreign subsidiaries at Makita world meeting.
Apr 1998	Started Makita's Environmental Management System.
Nov 1998	Settled an environmental meeting at Makita world meeting.
Dec 1998	Issued the first environmental report.
Jan 1999	Started environmental internal audit.
Nov 2000	Established Makita (Kunshan) Co., Ltd. (MKC, plant in Kunshan, China, started production from Jun.2002)
Mar 2002	Received the award for recycling from the organization about clean of Gwinnett County in Georgia (Plant in the U.S.A)
Oct 2002	Started corresponding to WEEE, RoHS. (Environmental regulations in Europe)
Apr 2003	Finished construction of new buildings of headquarters.
Nov 2003	Received the gold award of Green Apple Award about wastes management (Plant in the U.K.)
Apr 2004	Set up "special meeting for compliance with European environmental regulations."
Jul 2004	To comply with European environmental regulation, the first XRF analysis device was brought.
Oct 2005	Announced the establishment of plant in Romania. (MMR, which started production from April 2007)
Jan 2006	Started "Makita World Meeting" about environment (Makita overseas plants and MIC participated)
Jan 2006	Acquired nailer business from Kanematsu-NNK Corp.
Feb 2006	Finished construction of new building in Okazaki plant.
Jul 2006	Participated in "Team Minus 6%,"the national CO2 reduction campaign against global warming.
Jul 2006	To add earthquake-proof construction, started rebuilding part of Okazaki plant.
Feb 2007	Makita world meeting: held environmental meeting with foreign plants and MIC.

May 2007	Made Fuji Robin Industries Ltd. a consolidated subsidiary. (Changed the name to Makita Numazu Corp. or MNC)
Jun 2007	Finished rebuilding of Okazaki plant.
Jul 2007	Makita Corporation (headquarters and Okazaki plant) acquired ISO14001 certificate from BSI.
Dec 2007	Broke up Makita Ichinomiya (MIC) and merged the function with headquarters and Okazaki plant.
Jan 2008	Started operation of new buildings in headquarters.
Oct 2008	Finished construction of MBR second plant in Brazil.
Oct 2008	MMR (plant in Romania) acquired ISO14001 certificate from LRQA.
Nov 2008	MCC and MKC (plants in China) acquired ISO14001 certificate from CQC.
Jan 2009	Finished production in Makita Canada and merged with MCA in the U.S.A.
May 2009	Finished construction of new building for logistics dept. in Okazaki plant.
Jul 2009	MME (plant in the U.K.) acquired ISO14001 certificate from BSI.
Aug 2009	Closed Atsugi office and merged the function with the headquarters and Okazaki plant.
Oct 2009	Opened Tokyo Technical Center.
Dec 2009	MCA (plant in the U.S.A.) acquired ISO14001 certificate from UL.
Jan 2010	Dolmar (plant in Germany) acquired ISO14001 certificate from SGS.
Mar 2010	MBR (plant in Brazil) acquired ISO14001 certificate from BSI.
Jun 2010	Joined “Turn off the light” campaign for CO2 reduction in Japan
Oct 2010	Supported COP10 (Conference of the Parties) in Nagoya.
Mar 2011	Established Makita Manufacturing Thailand.
Apr 2013	Absorbed and merged Makita Numazu Corp.
Mar 2014	Closed Numazu office and merged the function with the headquarters and Okazaki plant.
May 2014	Started the rebuilding work for Okazaki plant “building-E” in order to boost the strength against earthquakes
May 2014	Started the demolition work and soil contamination investigation for former Numazu branch
Dec 2014	Completed the demolition work and soil improvement work for former Numazu branch
Mar 2015	100th anniversary of Makita Corporation
Aug 2015	Completed the rebuilding work for Okazaki plant “building-E”
Aug 2015	Completed the soil contamination investigation for former Numazu branch
Dec 2015	Completed the soil improvement work for former Numazu branch
Jan 2016	Started the groundwater monitoring for former Numazu branch
Sep 2016	Closed Tokyo Technical Center
Jan 2018	Completed the groundwater monitoring for former Numazu branch
Feb 2018	Completed the countermeasure based on the law regarding soil contamination for former Numazu branch
Feb 2018	Received the silver award of “Aichi Environmental Award 2018” in Japan for advanced environmental technology of Makita products
Feb 2018	MMT (plant in Thailand) acquired ISO14001 certificate from Bureau Veritas.
Mar 2019	Made Amadera Kuatsu Kogyo one of Makita group’s subsidiaries
Apr 2019	Started the construction work for new distribution building in Okazaki plant
Jul 2019	Completed the construction work for the expansion of the factory (Plant in Romania)
Jan 2020	Started the construction work for No.4 factory (Plant in China)
Oct 2020	Started the construction work for new “building-D” of Head Office in Japan
Oct 2020	Announced to discontinue the manufacture of engine products in March 2022
Dec 2020	Completed the construction work for new distribution building in Okazaki plant
Aug 2021	Established a Sustainability Committee in Head Office in Japan
Sep 2021	Completed the construction work for Saitama Logistics Center in Japan
Dec 2021	Completed the construction work for new distribution building in Germany plant Completed the construction work for No.4 factory (Plant in China)
Feb 2022	Completed the construction work for new “building-D” of Head Office in Japan

Feb 2022	Newly set targets for reducing greenhouse gas (GHG) emission at Sustainability Committee in Head Office in Japan
Mar 2022	Terminated production of engine-powered equipment
Aug 2022	Installation of photovoltaic panels at plant in China
Oct 2022	Completed the construction work for Okayama Logistics Center in Japan
Dec 2022	Completed the construction work for the expansion of the factory (Plant in Thailand)
Dec 2022	Installation of photovoltaic panels at plant in the UK.
Jan 2023	Installation of photovoltaic panels at plant in Thailand
Aug 2023	Installation of photovoltaic panels at distribution building of Okazaki plant in Japan
Mar 2024	Installation of photovoltaic panels at “building-C” of Head Office in Japan



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