



YANMAR

CORPORATE PROFILE

YANMAR CO., LTD.

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YANMAR FLYING-Y BUILDING
1-32 Chayamachi, Kita-ku, Osaka, 530-8311, Japan
<http://www.yanmar.com/>

Towards Sustainable Prosperity for all and a Sustainable Natural Environment

[Mission Statement]

**We strive to provide sustainable solutions
for needs which are essential to human life.**

**We focus on the challenges our customers face
in food production and harnessing power,
thereby enriching people's lives for all our tomorrows.**

With next-generation, leading-edge technologies at its core, Yanmar is committed to energy efficiency on the land, at sea, and in the cities. Heralding 100 years since Yanmar's founding, 2012 also marked the introduction of our Mission Statement reflecting our strengthened determination towards providing socially responsible and diverse solutions for today's challenges in "food production" and "harnessing power." In 2016, Yanmar released its new Brand Statement "A Sustainable Future," extending our commitment towards realizing a truly sustainable and resource recycling society for the generations of today and tomorrow.

Yanmar's biggest asset is our innovative technology — achieved through a strong pioneering spirit, integral to Yanmar ever since the company's founding. Our sustainability objectives are: "sustainable prosperity for all" and "a sustainable natural environment." In order to integrate and realize these sustainability goals, with our

technology concept "Realizing the maximum prosperity using the minimum resources" as our guiding compass, Yanmar is looking forward into the next 100 years and advancing leading-edge technologies, that deliver waste-free energy efficiency and labor-saving solutions.

Yanmar's worldwide production and sales facilities utilize manufacturing and procurement procedures that are optimized for the specific region, to deliver optimal solutions to our customers.

With the beautiful Earth itself as our business domain, Yanmar will utilize its world leading technologies to deliver new value to the peoples of the world and the children of tomorrow.



Takehito Yamaoka
Chairman & President
Yanmar Co., Ltd.

[Brand Statement]

A SUSTAINABLE FUTURE

A SUSTAINABLE FUTURE

Realizing the maximum prosperity using the minimum resources.
Our world-leading technology, Yanmar is paving the way for the future.

YANMAR's FUTURE VISION

At Yanmar we're pursuing a variety of activities towards realizing the following four future visions



VISION
01 An energy-saving society



VISION
02 A society where people can work and live with peace of mind



VISION
03 A society where people can enjoy safe and plentiful food



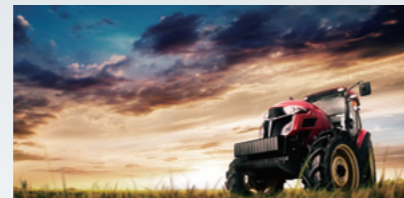
VISION
04 A society that offers an exciting life filled with rich and fulfilling experiences

From a wide range of business operations, Yanmar is offering solutions that contribute to a future that is abundant in opportunity.



Engines ▶ 6-7P

Yanmar's engine business develops clean diesel engines that meet emission standards. Development, manufacturing, and sales are integrated into the one business structure.



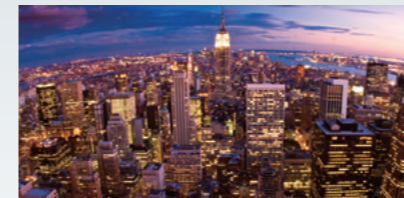
Agriculture ▶ 8P

Yanmar's agricultural business offers products that feature powerful functionality, in addition to farm management support services.



Marine ▶ 9P

Yanmar's marine business offers cost effective, reliable marine diesel engines to a worldwide customer base. Additionally, Yanmar's marine business has an expanding FRP (fiber-reinforced plastic) boat business.



Energy Systems ▶ 10P

Yanmar's energy system business offers high-performance, low impact total systems for climate control and generation. Yanmar's systems deliver added comfort to people's lives.



Construction ▶ 11P

Yanmar's construction business is the pioneer of small sized, high-performance construction equipment, offering a wide range of products in the earthworks and construction industries that deliver productivity and efficiency.



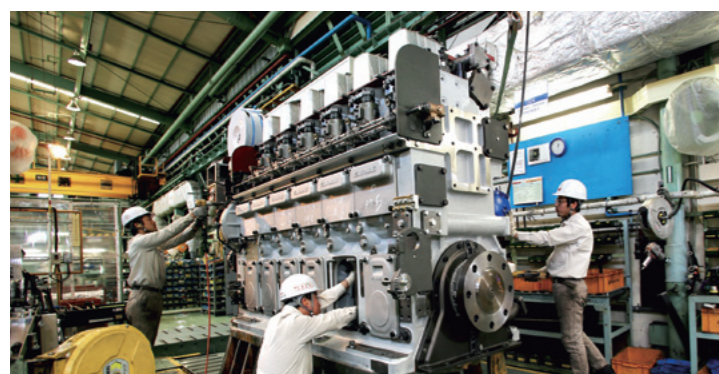
Components

Yanmar's component business, with innovative hydraulic controllability and gear processing technology at its core, offers efficient transmissions and machine tools to a worldwide customer base.

Maximizing Efficiency and Productivity for Every Drop of Fuel Minimizing Environmental Impact for Our Future



Large-size Engines



From engine manufacturing to testing and shipping, the world-renowned Amagasaki Factory in Japan utilizes an integrated production system that delivers unparalleled quality



In addition to propulsion and auxiliary engines for large-size vessels, Yanmar manufactures large-size land-based diesel engines for power generation, gas engines and gas-turbines.



180kW-3,300kW auxiliary engine

Small-size Engines



The innovative, highly efficient, fully-automated system at the Biwa factory, allows for several thousand different products to be manufactured in small quantities



As the pioneer of industrial diesel engines, for agriculture and construction, Yanmar's small engine business offers an extensive range of products for a worldwide customer base.



A vertical cylinder, water-cooled diesel engine

Meeting International Maritime Organization (IMO) Regulations



Yanmar engines have received verification that guarantees their quality, ensuring that they meet emissions regulations and deliver low-environmental impact.

Electric Propulsion System



Yanmar's advanced electric propulsion systems are low in environmental impact, cost-competitive, and safe.

Quality Management



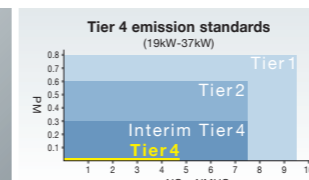
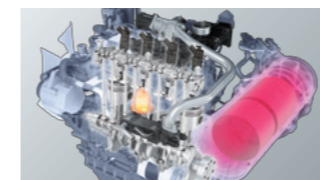
Amagasaki Factory has been certified by the world's eleven major ship classification societies with its voluntary inspection program was the first in the world to be certified by these eleven societies.

After Service



Leveraging a global network, the after service system instantly obtains engine information from anywhere in the world. The service that they provide is both quick and detailed.

Tier 4 Compliant Engines



Yanmar develops clean, small-sized diesel engines that meet stringent Tier 4 engine standards. Yanmar's well-received Tier 4 engine was the first in the world to receive CARB (California Air Resources Board) certification.

High-Tech Testing Facilities



Leveraging state-of-the-art analysis equipment and Yanmar's innovative analytical processes, Yanmar develops engines that deliver reduced emissions and enhanced reliability and durability. Utilizing Yanmar's stringent durability tests, Yanmar's engines are optimized to meet regional standards, and offer value to a wide range of customers from around the world.

Sustainable Agriculture for a Sustainable Future



Agricultural Machinery



The YT series tractor



The YK-MR series, mini-tiller



The YH series combine

Yanmar develops machinery that offers optimized operability and maximum comfort. This is exemplified by the revolutionary YT series with its innovative design. Delivering products that maximize productivity, Yanmar puts a strong emphasis on continually improving its manufacturing processes.

Streamlined Agriculture



Developing innovative products such as the Robot Tractor which enables one person to operate two tractors, and unmanned helicopters that utilize remote sensing to precisely analyze crops, Yanmar's machines deliver added productivity and efficiency.

Farm Operations Support



Yanmar's solutions enhance farm operations and deliver reliable farm management. These include cultivation solutions and soil management solutions, in addition to support for transforming the types of crops grown.

Service and Maintenance



No matter what kind of help the farmer needs, Yanmar's services including the Agri Solution Center deliver full support, including going directly to the farm to provide servicing and maintenance.

The Excitement and Diversity of the Ocean for Now and Forever



Marine Pleasure Boats



The EX30B fishing cruiser



The EX38 fishing cruiser

Yanmar offers a variety of fishing boats, including small and large boats that deliver full functionality. Leveraging Yanmar's knowledge base of the oceans that has been built up over the years, in addition to the latest in technology, Yanmar offers a comprehensive boat lineup optimized for a wide range of customers.

Fishing Boats



A diesel fishing boat

Yanmar develops and manufactures a variety of fishing boats equipped with engines that are optimized to the hull. Our product lineup ranges from small, fuel-efficient boats to larger fully-fledged fishing vessels.

Marine Engines



A powerboat engine

Yanmar offers an extensive range of boat engines that deliver stable performance. Our engines have a strong worldwide reputation for their high performance, cost-competitiveness, and durability.

Ocean Equipment



The underwater robot for cleaning fishing nets

Yanmar offers an extensive range of products for aquafarming and bivalve seedling cultivation facilities, including an underwater robot that utilizes artificial intelligence to clean fishpond nets.



GHP (Gas Heat Pump Air-Conditioning)



X AIR II outdoor GHPs



Outdoor GHPs at Expo city



GHPs in a shopping mall

Yanmar offers low CO₂ emitting, cost-competitive climate control systems that deliver industry-leading efficiency. Our systems are optimized for high-performance for a wide range of commercial spaces and offices. Whether it is further energy efficiency or improvements in design, Yanmar develops outdoor GHPs and climate-control equipment that delivers added value to the customer.

Main Power Cogeneration Systems



The cogeneration system at the Yanmar Flying-Y Building

Yanmar's cogeneration systems use natural gas as a fuel source reducing CO₂ emission. Additionally, in the event of a natural disaster, cogeneration systems are effective, high performance distribution systems. Moreover, their overall energy efficiency is high, and they contribute to cost reductions in a range of different locations.

Standby Generator Systems



The AP35C standby generator system

Whether it is for hospitals, hotels, or any other facility where power is a must at all times, Yanmar's standby generator systems leverage advanced technology for automatic operation, and generator synchronization to deliver safety, security and reliability to a wide range of customers.

Renewable Energy Systems



A smaller-sized biogas cogeneration system utilizing sewage as the energy source

Utilizing a range of energy sources including biogas extracted from waste or sewage, in addition to solar energy, Yanmar's renewable energy systems deliver effective renewable energy that is also low in environmental impact.



Construction Equipment



The ViO45 mini excavator



The C50R carrier



The V3 wheel loader

Yanmar offers a wide range of construction and industrial equipment. Our lineup includes small machinery equipped with fuel efficient diesel engines, generators and light towers, contributing to urban development and environmental management.

Generators



The YDG250VS diesel generator

Yanmar offers a comprehensive range of generators including low noise diesel generators and compact gasoline generators. Whether it is night work, an outdoor event or purely for leisure, we offer a variety of generators that deliver a stable electricity supply.

Light Towers



Yanmar offers a lineup of balloon-type light towers that deliver 360 degree illumination, in addition to spotlight varieties. Our light towers are suitable for a range of applications including construction and natural disaster relief work, as well as events.

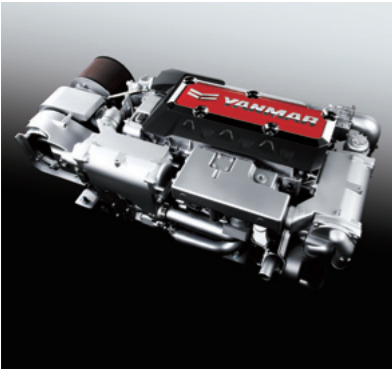
Yanmar Premium Service



Yanmar's extensive support including 5 year warranties and movable comprehensive insurance against accident damage provides added security for construction equipment owners.

TECHNOLOGY CONCEPT

Realizing the Maxmum Prosperity Using the Minimum Resources



The Y-Concept FY01 marine engine



The Y-Concept X39 express cruiser

Delivering Productivity and Advanced Functionality to Give Our Customers the Best in Performance

Yanmar utilizes a variety of energy sources including diesel oil, heavy oil, natural gas, biomass, renewable energy, and waste heat recovery. We are undertaking research for smaller-sized power sources that lead to reduced CO₂, NO_x, and cleaner, enhanced performances.



The Y-Concept FY01 marine engine

Advanced Robotics to Make Our Lives Easier

Yanmar develops advanced robotics to deliver added productivity and a reduced workload. Yanmar's development includes remote controllability for indoor demolition at dangerous worksites where there is the possibility of falling debris. This allows for the operator to be in a separate, safe working location.



A testing environment which replicates the actual working conditions of machines on the worksite

Quality Products to Improve Customers' Life Cycle Value

Yanmar's products are used worldwide in a variety of locations. By performing durability tests we are able to provide analysis of machine loads by replicating accurate work operations. This allows us to deliver products with greater precision and durability, and to achieve this in a reduced timeframe. Our research facilities allow us to make the right products for an extensive range of customers and locations, improving customer trust in the Yanmar brand.



■ Yanmar R&D Europe

Yanmar R&D Europe S.R.L. was established in 2011 in Florence, Italy. The R&D facility conducts research relating to innovative solutions including next-generation energy, and machines that exceed customer expectations. At the facility we undertake research through collaboration with local universities and businesses.



■ Yanmar Kota Kinabalu R&D Center

Yanmar Kota Kinabalu R&D Center, established in 2008, was Yanmar's first research facility outside of Japan. This facility collaborates with Yanmar's research facility in Shiga prefecture, Japan in research relating to biofuels and a variety of innovative energy sources.

Rapid Response When Something Goes Wrong, 24 hours a day, every day

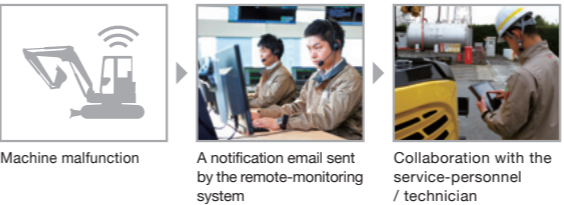


Remote Support Center

Yanmar's Remote Support Center provides remote monitoring of customers' products and worksites, 24 hours a day, every day. In the event that there is a disruption to power for whatever reason, the center has standby generators onsite to ensure total service to our customers.

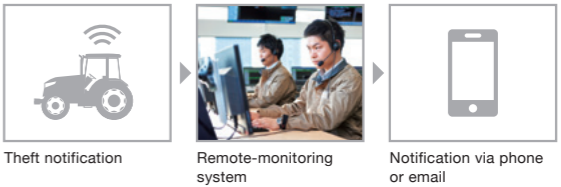
Error Notifications (for SmartAssist-equipped machines)

When machine malfunctions are detected, a notification email is automatically sent to Yanmar service-personnel or a technician. Our response is fast, minimizing customer downtime.



Theft Prevention (for SmartAssist-equipped machines)

If the machine is in operation outside of a specified proximity or time, then a notification phone call will be made or an email will be sent to the customer straightaway. Yanmar's theft prevention reduces theft and provides assistance in finding the machine in the event of theft.



Remote monitoring system Yanmar has 3 remote monitoring systems based on industry, providing fulltime protection.

Energy

RESS

REMOTE ENERGY SUPPORT SYSTEM

RESS was developed in 1984 to provide remote monitoring for standby generators on a remote island in Okinawa prefecture in Japan. Using telecommunication networks Ress provided a 24hr service that provided notifications when malfunctions occurred. Now, we provide services which include remote monitoring of main generators and GHPs, in addition to energy management support.

Vessels

SHIPS SUPPORTER

Ships Supporter was developed in 2006 to strengthen on-land support for engines installed in vessels. Utilizing on-land data transmission, collaboration and support is enhanced for the customer.

Agricultural / Construction Equipment

SMARTASSIST

SmartAssist commenced in Japan in 2013 to provide comprehensive telematic services relating to machine operation and conditions for the agricultural and construction industries. Plans are also currently underway for marine pleasure and machine tool utilization.



Service Facilities for a Range of Industries

Remote monitoring equipment is installed at each of Yanmar's major service outlets. Through fast collaboration with local service staff, quick and precise servicing is achieved.

Fostering Culture and Nurturing the Next Generation, for a more Prosperous Future

A SUSTAINABLE FUTURE

At Yanmar, we aspire to the following four future visions

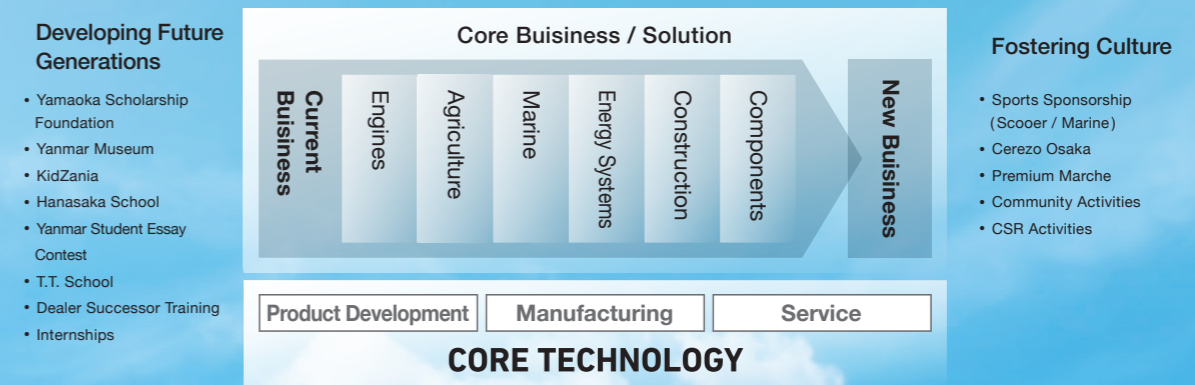
An energy-saving society

A society where people can work and live with peace of mind

A society where people can enjoy safe and plentiful food

A society that offers an exciting life filled with rich and fulfilling experiences

In order to realize a more prosperous future, we look beyond the bounds of our business, with activities to foster culture develop the nest generations, all around the world.



Developing Future Generations



■ Yamaoka Scholarship Foundation
Yanmar's founder Magokichi Yamaoka had a strong desire to contribute to world peace and foster culture around the world. As a result he established Yamaoka Scholarship Foundation in 1950. Since then over 5,300 students have studied there.



■ Yanmar Museum
Yanmar Museum was established in Shiga prefecture, Japan in March of 2013. It displays Yanmar's efforts to contribute to the land, sea, and the city in respect to energy and food production.



■ KidZania
At KidZania children are able to wear stylish agricultural clothing, and participate in a farm machine simulation for cultivating rice using the latest in technology.



■ Yanmar Student Essay Contest
Yanmar Student Essay Contest has been in existence since 1990. It provides young people with the opportunity to explore the future of the agricultural industry and its related equipment in a free and open discussion.



■ Yanmar Yuyu Farm
Yanmar Yuyu Farm is a farming area which gives people the opportunity to have a go at farming. The farm allows participants to try rice and vegetable farming, in addition to harvesting.



■ T.T. School
T.T. School provides students with the opportunity to take part in in-depth theoretical and practical diesel engine training. Equipped with advanced technology, the school offers a wide range of programs from novice to advance.

Fostering Culture

■ Sports Sponsorship

Yanmar provides valuable support for a range of different sports, in an effort to bring excitement to people around the world. Yanmar's support also extends to further improving team performances.

Football			Marine Sports
 Manchester United Official Global Partner	 Official Marketing Partner of New York Red Bulls	 Official Supporter of the AFC Champions League	 Official Technical Partner of Oracle Team USA for the 34th America's Cup
 Top Star Partner of the Vietnamese National Football Team	 Official Top Partner of Bangkok Glass Football Club	Official Partner of the Cambodia National Football Team Official Partner of the Laos National Football Team Official Partner of the Maldives National Football Team	



■ Cerezo Osaka
Cerezo Osaka is a professional team in the Japanese professional football league, J.League. It originally started out as a football club for Yanmar Diesel in 1957. Now Yanmar has the naming rights for Cerezo's stadium, Yanmar Stadium. Yanmar will continue to provide valuable support for Cerezo into the future.



■ Premium Marche
Premium Marche is supplied with ingredients from farmers throughout Japan. Not only does it offer its patrons reliable, safe ingredients, but it also connects farmers with those who consume their produce.