

FACT BOOK 2011

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FACT BOOK 2011

Corporate Section

Corporate Profile

Corporate name: Yamaha Motor Co., Ltd.

Founded: July 1, 1955

Headquarters: 2500, Shingai, Iwata, Shizuoka 438-8501, Japan

President: Hiroyuki Yanagi

Capital: 85,666 million yen (as of Dec 31, 2010)

Number of shares Authorized: 900,000,000

Issued: 349,757,784 (as of Dec 31, 2010)

Number of employees: Consolidated basis: 52,184

Non- Consolidated basis: 10,302 (as of Dec 31, 2010)

Group companies: Number of consolidated subsidiaries: 104 (Japan: 26 Overseas: 78)

Number of non-consolidated subsidiaries accounted for by the equity method: 7

Number of non-consolidated affiliates accounted for by the equity method: 26 (as of Dec 31, 2010)

Lines of business: Manufacture and sales of motorcycles, scooters, electrically power assisted bicycles, boats, sail boats, personal water-

crafts, pools, utility boats, fishing boats, outboard motors, diesel engines, 4-wheel ATVs, side-by-side vehicles, racing kart engines, golf cars, multi-purpose engines, generators, water pumps, snowmobiles, small-sized snow throwers, automobile engines, intelligent machinery, industrial-use unmanned helicopters, electrical power units for wheelchairs, helmets. Import and sales of various types of products, development of tourist businesses and management of leisure, recreational

facilities and related services.

Corporate Mission

Kando* Creating Company

Offering new excitement and a more fulfilling life for people all over the world

Yamaha Motor strives to realize peoples' dreams with ingenuity and passion, and to always be a company people look to for the next exciting product or concept that provides exceptional value and deep satisfaction.

*Kando is a Japanese word for the simultaneous feelings of deep satisfaction and intense excitement that we experience when we encounter something of exceptional value.

Management Principles

I. Creating value that surpasses customer expectations

To continue to produce value that moves people, we must remain keenly aware of the customer's evolving needs.

We must strive to find success by always surpassing customer expectations with safe, high-quality products and services.

2. Establishing a corporate environment that fosters self-esteem

We must build a corporate culture that encourages enterprise and enhances corporate vitality.

The focus will be on nurturing the creativity and ability of our employees, with an equitable system of evaluation and rewards.

3. Fulfilling social responsibilities globally

As a good corporate citizen, we act from a worldwide perspective and in accordance with global standards.

We must conduct our corporate activities with concern for the environment and communities and fulfill our social responsibility with honesty and sincerity.

Action Guidelines

Acting with Speed Spirit of Challenge

Meeting change with swift and informed action Courage to set higher goals without fear of failure

Persistence

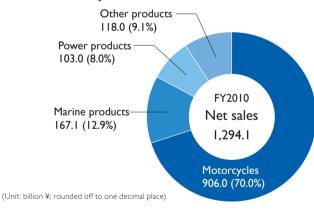
Working with tenacity to achieve desired results, and then evaluating them

Operating Performance (Consolidated Basis)

(Unit: hillion ¥: rounded off to one decimal place)

	FY2008	FY2009	FY2010	FY2011(plan)
	4 <mark>8.</mark> 4		5 <mark>1.</mark> 3	53.0
Net sales Operating income (loss)	1,603.9	1,153.6	1,294.1	1,350.0
		62.6		
Ordinary income	58.9	(68.3)	66.1	55.0
Net income (loss)	1.9	(216.1)	18.3	20.0
Exchange rate (US\$)	103 JPY	94 JPY	88 JPY	82 JPY
Exchange rate (EUR)	I53 JPY	I30 JPY	II6 JPY	IIO JPY
Capital expenditures	94.4	46.0	33.9	52.0
Depreciation expenses	59.6	53.7	36.6	38.0
Research and development expenses	85.1	62.1	55.2	65.0
Equity ratio	33.9%	21.5%	28.0%	30.0%
ROE	0.5%	(101.8%)	6.7%	6.8%
Interest-bearing debt	349.2	399.9	322.4	282.0
Cash and cash equivalents at the end of the year	134.4	137.2	203.9	-
Percentage of overseas sales	89.4%	88.7%	89.0%	89.6%
Percentage of motorcycle business sales	64.1%	70.8%	70.0%	72.2%
Net cash provided by (used in) operating activities	(6.4)	74.1	104.5	-
Net cash provided by (used in) investing activities	(99.5)	(45.3)	(37.6)	-
Net cash provided by (used in) financing activities	1,632	(32.0)	5.3	-

Sales Breakdown by Business (Consolidated Basis)



Major products in each segment

"Motorcycles"

Motorcycles and knockdown parts for overseas production

"Marine products"

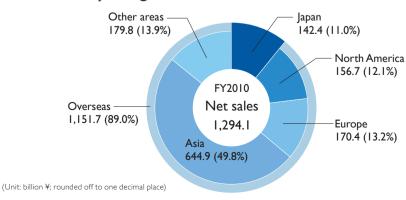
Outboard motors, personal watercraft, pleasure-use boats, fiberglass-reinforced plastic pools, fishing boats, utility boats and diesel engines

"Power products"

All-terrain vehicles, side-by-side vehicles, snowmobiles, golf cars, generators, snow throwers and multi-purpose engines "Other products"

Surface mounters, industrial robots, automobile engines, automobile components, electrically power assisted bicycles, unmanned industrial helicopters, electrically powered wheelchairs and the intermediate parts for products in all business segments

Sales Breakdown by Region (Consolidated Basis)



2

Organization (As of April 1, 2011) Integrated Auditing Division Human Resources & General Affairs Section Human Resources Development Division General Affairs Division Group Administration Division Legal & Intellectual Property Division Public Relations & Advertising Division Tokyo Office General Meeting of Shareholders Corporate Planning & Finance Section Corporate Planning Division Board of Corporate Auditors — Corporate Auditor's Office Finance & Accounting Division Board of Directors - Business Management Division President & CEO* — Management Committee Logistics and Security Trade Division Risk Management and Compliance Committee Process & IT* Division -CGM* Product Assurance & Safety Promotion Center Technology Center Research & Development Section - Manufacturing Technology Section Technology Infrastructure Section - Manufacturing Center - Manufacturing Planning Section Body Manufacturing Section - Engine Manufacturing Section Procurement Center Procurement Section Cost Innovation Section Motorcycle Business Operations Ist Business Unit - 2nd Business Unit Recreational Vehicle Business Unit Product Planning Section - Engineering Section Quality Assurance Section Marine Business Operations - Marine Engine Business Unit Engineering Section Water Vehicle Business Unit Boat Business Unit -CGM* Automotive Business Unit Overseas Market Development Operation Business Unit CGM*

Board of Directors, Corporate Auditors and Executive Officers (As of April 1, 2011)

Board of Directors -

President and Representative Director

Hiroyuki Yanagi



Representative Director

Takaaki Kimura



Director

Toyoo Ohtsubo

Director

Yoshiteru Takahashi

irector

Hiroyuki Suzuki

Director

Kozo Shinozaki

irector

Nobuya Hideshima

Director

Masahiro Takizawa

Director (Outside)

Yuko Kawamoto

Director (Outside)

Masamitsu Sakurai

Director (Outside)

Mitsuru Umemura

Corporate Auditors

Standing Corporate Auditor

Yutaka Kume

Standing Corporate Auditor

Shigeki Hirasawa

Corporate Auditor (Outside)

Norihiko Shimizu

Corporate Auditor (Outside)

Tetsuo Kawawa

Executive Officers

President and Chief Executive Officer

Hiroyuki Yanagi

Senior Managing Executive Office

Takaaki Kimura

Chief General Manager of Marine Business Operations, Chief General Manager of Product Assurance & Safety Promotion Center and Chief General Manager of Automotive Business Unit

Managing Executive Officer

Toyoo Ohtsubo

Chief General Manager of Technology Center

Managing Executive Officer

Yoshiteru Takahashi

Chief General Manager of Motorcycle Business Operations and Chief General Manager of Overseas Market Development Operation Business Unit

Senior Executive Officer

Hiroyuki Suzuki

Managing Director of India Yamaha Motor Private

Senior Executive Officer

Kozo Shinozaki

Senior General Manager of Corporate Planning & Finance Section

Senior Executive Officer

Nobuya Hideshima

Chief General Manager of Procurement Center and Chief General Manager of Parts Business Unit

Senior Executive Officer

Masahiro Takizawa

Chief General Manager of Business Development Operations

Senior Executive Officer

Yoshiaki Hashimoto

Senior General Manager of Human Resources & General Affairs Section and Chief General Manager of Business Development Managing Unit

Senior Executive Officer

Kunihiko Miwa

Senior General Manager of Engineering Section, Motorcycle Business Operations

Senior Executive Officer

Katsuaki Watanabe

Chief General Manager of Manufacturing Center

Executive Officer

Nobuaki Shiraishi

Executive General Manager of Recreational Vehicles Business Unit, Motorcycle Business Operations

Executive Officer

Tadakazu Ishibashi

Executive General Manager of Product Assurance & Safety Promotion Center, General Manager of Safety Promotion & Traffic System Division, Product Assurance & Safety Promotion Center and Executive General Manager of Business Development Managing Unit

Executive Officer

Souichi Sasagawa

President of Yamaha Motor Powered Products Co., Ltd.

Executive Officer

Hajime Yamaji

President of Yamaha Motor Europe N.V.

Executive Officer

Toshizumi KatoPresident of Yamaha Motor Corporation, U.S.A.

Executive Officer

Hiroshi Yoshii

Senior General Manager of Manufacturing Technology Section, Technology Center

Executive Officer

Takahiko Goan

Executive General Manager of Overseas Market Development Operation Business Unit

Executive Officer

Masato Adachi

Executive General Manager of Boat Business Unit, Marine Business Operations

Executive Officer

Masanori Kobayashi

Executive General Manager of Smart Power Vehicle Business Unit, Business Development Operations and General Manager of PAS Development Division, Smart Power Vehicle Business Unit, Business Development Operations and General Manager of Technical Administration Division, Smart Power Vehicle Business Unit, Business Development Operations

Executive Officer

Yoichiro Kojima

Executive General Manager of Marine Engine Business Unit, Marine Business Operations

Executive Officer

Tsuneji Suzuki

President of PT. Yamaha Indonesia Motor Manufacturing and President of PT. Yamaha Motor Manufacturing West Java

Executive Officer

Ryouichi Sumioka

Executive General Manager of 1st Business Unit, Motorcycle Business Operations

Executive Officer

Hiroaki Fujita

Executive General Manager of IM Business Unit, Business Development Operations, General Manager of Quality Assurance Division, IM Business Unit, Business Development Operations and President and Representative Director of i-PULSE Co., Ltd.

─ CGM*

*Abbreviations:

CEO: Chief Executive Officer

CGM: Chief General Manager

IT: Information Technology

IM: Intelligent Machinery

Parts Business Unit

- IM* Business Unit

Business Development Operations

- Smart Power Vehicle Business Unit

Business Development Managing Unit

Pool Business Development Section

Unmanned Aerial Vehicle Business Development Section

Group Companies (As of April 1, 2011)

Yamaha Motorcycle Sales Japan Co., Ltd. Yamaha Motor Engineering Co., Ltd. ELM Design Co., Ltd. Sunward International, Inc. Sugo Co., Ltd. Yamaha Kumamoto Products Co., Ltd. Yamaki Manufacturing Co., Ltd. Yamaha Amakusa Manufacturing Co., Ltd. Maricom Tokai Co., Ltd. IOB Co., Ltd. Y's Gear Co., Ltd. i-PULSE Co., Ltd. Yamaha Motor Powered Products Co., Ltd. Yamaha Skytech Co., Ltd. Nishi Nippon Skytech Co., Ltd.

Yamaha Motor Electronics Co., Ltd. TOYOBESO CO., LTD. Hamakita Industry Co., Ltd.

Fine Catec Co., Ltd. Yamaha Motor Hydraulic System Co., Ltd. Melco Co., Ltd.

Yamaha Motor Assist Co., Ltd. Yamaha Motor Support & Service Co., Ltd.

Yamaha Motor Management Service Co., Ltd. Yamaha Motor Solutions Co., Ltd.

Izumisano Water Front Co., Ltd. Marin Wave Otaru Inc. Choshi Marina Co., Ltd.

Marina Akita Co., Ltd. Onahama Marina Co., Ltd. Hayama Marina Co., Ltd.

Yokohama Bay Side Marina Co., Ltd. Amagasaki Sports Forest Co., Ltd.

Ecoole Toyohashi Co., Ltd Sakura Kogyo Co., Ltd.

A.I.S Corporation Yamaha Travel Service Co., Ltd.

Yamaha Football Club Co., Ltd. Mikasa Unvu Co., Ltd.

ASIA (Abbreviations)

China

Yamaha Motor Commercial Trading Shanghai Co., Ltd. (YMCT)

Shanghai Yamaha lianshe Motor Marketing Co., Ltd. (YMSM)

Zhuzhou Yamaha Motor Shock-absorber Co., Ltd.

Yamaha Motor R&D Shanghai Co., Ltd. (YMRS) Yamaha Motor Electronics Suzhou Co., Ltd. (YESZ)

Yamaha Motor Solutions Co., Ltd. Xiamen (YMSLX)

Chongqing Jianshe Yamaha Motor Co., Ltd.

Zhuzhou Jianshe Yamaha Motor Co., Ltd. (ZJYM) liangsu Linhai Yamaha Motor Co., Ltd. (LYM) Sichuan Huachuan Yamaha Motor Parts

Manufacturing Co., Ltd. (SHY) Chongqing Pingshan TK Carburetor Co., Ltd.

Yamaha Motor Taizhou O.P.E. Co., Ltd. (YMTO) Fuzhou liaxin Sogi Power Products Co., Ltd. Yantai Melton Mold Co., Ltd.

Yamaha Motor Taiwan Co., Ltd. (YMT) Topmost Consulting Co., Ltd. (TCC) Yamaha Motor R&D Taiwan Co., Ltd. (YMRT) Yamaha Motor Taiwan Trading Co., Ltd. (YMTT) Yamaha Motor Electronics Taiwan Co., Ltd.

Indonesia

PT. Yamaha Indonesia Motor Manufacturing

PT.Yamaha Motor Kencana Indonesia (YMKI) PT. Yamaha Motor Manufacturing West lava (YMMWI)

PT. Yamaha Motor Parts Manufacturing Indonesia

PT. Toyo Besq Precision Parts Indonesia (TBI) PT. Yamaha Motor Electronics Indonesia (YEID) PT. Melco Indonesia

PT.Yamaha Motor Nuansa Indonesia (YMNI) PT. Kyowa Indonesia

PT. Sakura Java Indonesia

The Philippines

Yamaha Motor Philippines, Inc. (YMPH) Thailand

Thai Yamaha Motor Co., Ltd. (TYM) International Casting Co., Ltd. (ICC)

Yamaha Motor Electronics Thailand Co., Ltd.

Yamaha Motor Asian Center Co., Ltd. (YMAC)

Malaysia

HL Yamaha Motor Research Centre Sdn. Bhd.

Hong Leong Yamaha Motor Sdn. Bhd. (HLYM)

Vietnam

Yamaha Motor Vietnam Co., Ltd. (YMVN) Yamaha Motor Parts Manufacturing Vietnam Co., Ltd. (YPMV)

Yamaha Motor Electronics Vietnam Co., Ltd. (YEVN)

Cambodia

Yamaha Motor Cambodia Co., Ltd. (YMKH)

India Yamaha Motor Pvt. Ltd. (IYM) Yamaha Motor Solutions India Pvt. Ltd. (YMSLI)

Singapore

Yamaha Motor Asia Pte. Ltd. (YMAP) Yamaha Motor Distribution Singapore Pte. Ltd.

OCEANIA (Abbreviations)

Australia

Yamaha Motor Australia Pty Limited (YMA) Ficeda Pty Limited

Yamaha Motor Finance Australia Pty Limited

New Zealand

Yamaha Motor New Zealand Limited (YMNZ) Yamaha Motor Finance New Zealand Limited (YMFNZ)

EUROPE (Abbreviations)

The Netherlands

Yamaha Motor Europe N.V. (YMENV) Yamaha Motor Netherland B.V. (YMNL) Yamaha Motor Middle Europe B.V. (YMME)

Yamaha Motor Deutschland GmbH. (YMG)

United Kingdom Yamaha Motor (UK) Limited (YMUK)

Yamaha Motor Italia S.p.A. (YMIT)

Motori Minarelli S.p.A.

Yamaha Motor Research & Development Europe S.r.l. (YMRE)

Yamaha Motor Racing S.r.l. (YMR)

France

Yamaha Motor France S.A. (YMF) MBK Industrie

Yamaha Motor Espana S.A. (YMES)

Portugal

Yamaha Motor Portugal S.A. (YMP) Sweden

Yamaha Motor Scandinavia AB (YMS)

Russia

OOO Yamaha Motor CIS (YMCIS)

Turkey Yamaha Motor Sanayi ve Ticaret Limited Sirketi

NORTH AMERICA (Abbreviations)

United States

Yamaha Motor Corporation, U.S.A. (YMUS) Yamaha Motor Manufacturing Corporation of America (YMMC)

Century Boat Company, Inc.

Skeeter Products, Inc. Precision Propeller Industries, Inc. (PPI)

Tennessee Water Craft, Inc. (TWI) Yamaha Golf-Car Company (YGC)

Yamaha Motor Distribution Latin America, Inc. (YDLA)

Yamaha Motor Canada Limited (YMCA)

CENTRAL and SOUTH AMERICA (Abbreviations)

Brazil

Yamaha Motor do Brasil Ltda. (YMDB) Yamaha Motor da Amazonia Ltda. (YMDA) Yamaha Motor Componentes da Amazonia Ltda. (YMCDA)

Yamaha Administradora de Consorcio Ltda, (YAC) Banco Yamaha Motor do Brasil S.A. (BYMD) Yamaha Motor Corretora de Seguros Ltda. (YMDCS)

Yamaha Motor Electronics do Brasil Ltda. (YEBR)

Argentina

Yamaha Motor Argentina S.A. (YMARG)

Yamaha Motor del Peru S.A. (YMDP) Yamaha Motor Selva del Peru S.A. (YMSP)

Industria Colombiana de Motocicletas Yamaha S,A, (INCOLMOTOS)

Mexico

Yamaha Motor de Mexico, S.A. de C.V. (YMMEX) Yamaha Motor Consorcio Mexico, S.A. de C.V. (YMCMX)

Industria Mexicana de Equipo Marino, S.A. de C.V.

History

Yamaha Motor Co., Ltd. was founded with Genichi Kawakami as the first President Production of our first motorcycle, the 125cc Yamaha motorcycle "YA-1" began YA-I won the 3rd Mount Fuji Ascent Race and captured first three places at the 1st All lapan Autobike Endurance Road Race

Took 6th place in first attempt at Catalina Grand Prix in the U.S. (Yamaha's international racing debut)

Yamaha de Mexico S.A. de C.V. established with investment by Nippon Gakki (presently Yamaha Corporation)

1960

Yamaha International Corporation (YIC) founded in U.S. as subsidiary of Nippon Gakki First Yamaha outboard motor "P-7" released First Yamaha FRP boat "CAT-21" and "RUN-13" released

1961

New listing on First Section of Tokyo Stock Exchange

First appearance in road race World GP CAT-21 wins 1st Pacific 1.000 km Motorboat Marathon

1963

Pearl Yamaha founded in India Won first 250cc class race in road race World GP (Belgium GP)

Captures first manufacturer and rider titles in 250cc class of the road race World GP Siam Yamaha Co., Ltd. founded in Thailand

Tie-up with Toyota Motor Co. to develop and manufacture Toyota 2000GT, model displayed at the Tokyo Motor Show First Yamaha FRP fishing boat built

1966

Full export operations transferred from Nippon Gakki to Yamaha Motor

Technical assistance agreement signed with Kong Hsue Sheh to produce motorcycles in Taiwan

1967

Liaison office opened in Thailand

1968

YMENV founded in the Netherlands First Yamaha snowmobile "SL350" exhibited at Chicago Trade Show First Yamaha FRP utility boat models "W-16"

and "W-18" released

YMDB founded in Brazil

1969

First Yamaha multipurpose engine model "MT100" released

1970

Haraban Motor Co. founded in Indonesia

and local production of motorcycles began

1972

Headquarters moved to present location in Iwata City

First win in Motocross World GP at Swedish GP (250cc class) and Luxembourg GP (500cc class)

1973

YMCA founded in Canada

Signed joint venture agreement with Brunswick Co. (U.S.)

Won first manufacturer and rider titles in 250cc class of the Motocross World GP First Yamaha portable generator model "ET I 250" released

First Yamaha racing kart model "RC100" re-

1974

Hisao Koike appointed second YMC president Won manufacturer titles in all classes of road race World GP, 125cc, 250cc, 350cc, and 500cc YIMM founded in Indonesia as motorcycle parts maker

Manufacture and sales of FRP pools began

OMDO (Overseas Market Development Operations) liaison office opened in Nigeria First Yamaha golf car model "YG292" re-

1976

First Yamaha industrial robot model, an "arc welding robot" released First Yamaha marine diesel "MD35" released

1977 YMC-related divisions of Yamaha International Corporation separated to found Yamaha Motor Corporation, U.S.A.

Captures manufacturer and rider titles for the first time in 500cc class of the Motocross World GP

1978

First Yamaha land car model "GI-AD" re-

First Yamaha snow-thrower model "YT665" released

1979

Yamaha's first All Terrain Vehicle (ATV) model "YT125" released in the USA XT500 wins 1st Paris-Dakar Rally

1981

SEMSA founded in Spain

Motorcycle production and marketing tie-up with Motobecane (France)

1983

Hideto Eguchi appointed third YMC presi-

YMDA founded in Brazil Technical assistance agreement made for motorcycle production with China North Industries Group

YMA founded in Australia

Technical assistance agreement made for motorcycle production with Escorts Ltd. in

1984

Signed contract to develop, produce and supply automobile engines to Ford Motor

Technical assistance contract signed with Italy's Motori Minarelli

1986

YMMC founded in U.S. YMT founded in Taiwan

Technical assistance contract for motorcycle technology signed with Italy's Belgarda S.p.A First Yamaha personal watercraft (PWC) "MI-500T" released

1987

First Yamaha-made surface mounter "21 Series" released

First Yamaha gas heat pump (GHP) model "YGC401W" released Limited production of 20 units of Yamaha's

"R-50" released

Machine mounting the Yamaha "OX88" racing engine competes in FI for the first time

first commercial-use unmanned helicopter

Corporate Mission and long term management vision announced

YMP founded in Portugal 1991

YMMEX founded in Mexico

1992 CIYM founded in China YMAG founded in Austria YMH founded in Hungaria

YMF founded in France

1993 NYM founded in China Regionally limited release of the electrically power assisted bicycle "PAS"

Takehiko Hasegawa appointed as fourth YMC president LYM founded in China

Wheelchair electric power unit "JW-I" released

EYML established in India

1996 YMARG founded in Argentina

1997

YMNI founded in Indonesia

YMVN founded in Vietnam YMAP founded in Singapore YMDP founded in Peru

History (Continued)

2000

Corporate ties with Toyota Motor Co. strengthened

2001

Toru Hasegawa appointed as fifth YMC president

2002

Limited regional release of the electric commuter motorcycle "Passol"

Manufacture of 50cc scooters for the Japanese market shifted to YMT in Taiwan

2003

Yamaha Motor Co., Ltd., Moscow Representative Office opened in Russia

2004

Won MotoGP rider championship title

200

president

YMCIS founded in Russia

technology business

founded in Indonesia

Takashi Kajikawa appointed as sixth YMC

Life Science Laboratory opened as research

and development center for YMC's bio-

Yamaha captures MotoGP triple crown by

winning the rider, team and manufacturer

Motorcycle manufacturing factory YMMWJ

Mass production of microalgae as a source

for the high-potential health additive Astaxan-

YMPH founded in the Philippines

200

YMKH founded n Cambodia
IYM founded in India

2009

Tsuneji Togami appointed as seventh YMC

Yamaha Marine Co., Ltd. merged into YMC YMTR founded in Turkey

2010

Hiroyuki Yanagi appointed as eighth YMC

Change in Number of Employees

Fiscal year	2006	2007	2008	2009	2010
Yamaha Motor (average age)	8,461 (40.9 years old)	9,019 (41.0 years old)	9,396 (38.9 years old)	10,690 (40.7 years old)	10,302 (39.9 years old)
Consolidated companies	33,497	37,831	40,365	39,304	41,882
Total	41,958	46,850	49,761	49,994	52,184

Change in Number of Recruited Graduates (Yamaha Motor Co., Ltd.)

Fiscal year	2008	2009	2010	2011	2012 (Plan)
Graduates of four-year colleges and graduate schools	172	249	64	33	100
(Office work, marketing)	(36)	(43)	(14)	(6)	(30)
(Engineering, production-related work)	(136)	(206)	(50)	(27)	(70)
Two-year/technical college graduates	20	26	7	0	40
High school graduates	95	113	0	0	40
Total	287	388	71	33	140



FACT BOOK 2011

Product Business Section



Product Profile

Motorcycles play a familiar and vital role in the lives of people around the world, their applications spanning from pure utility, such as the transportation of goods, to personal enjoyment and sports. The Yamaha Motor group satisfies these needs with its diverse product lineup. Yamaha motorcycles are made to a variety of specifications, each type featuring unique technologies serving its particular use: scooters and mopeds, used primarily for day-to-day mobility, such as commuting and shopping trips; sports models and cruisers, used widely in urban areas and for long-distance touring; "trail models" for off-road excursions; and racing machines, for road racing, motocross, and other competitions.

Background of the Business

During World War II, Nippon Gakki Co., Ltd. (founded in 1897, presently Yamaha Corporation), the company from which Yamaha Motor was later spun off, was assigned to apply its technologies in musical instrument manufacturing to the production of propellers for military aircraft. After the War ended, the company sought ways to use its manufacturing facilities for peaceful ends. Eventually, it entered the motorcycle business as the motorcycle manufacturing division of Nippon Gakki. The company's first motorcycle model, the YA-I, got off to a successful start, winning in its debut entries at Japan's top two motorcycle races at the time, while also receiving high acclaim for its product quality. To scale up production and market the YA-I, Yamaha Motor Co., Ltd. was established. Some years later, in 1961, Yamaha entered its first World GP race. Since then and to this day, Yamaha has continued to challenge itself on the racing scene, making the art of engineering based on technologies and know-how a hallmark of the Yamaha brand.

Current Business and Market Conditions

Japan

Looking at the market as a whole, scooters with an engine displacement of 50cc and under (Class-I category), which are used primarily for commuting and work-related activities, occupy over half of all unit sales. Motorcycles with an engine capacity of 51cc or larger fall into a number of categories, from scooters to large motorcycles and sports models for personal enjoyment. The Japanese market is also unique in that it has a driver's license restricted to operation of AT (automatic transmission) motorcycles. In recent years, I25cc-class scooters, with their superior utility in urban areas and affordability, have followed a growth trend

License Type		Allowable engine capacity
Mo	tor-driven cycle license	50cc and under
	Standard motorcycle with small-size engine	Up to 125cc
Standard motorcycle license	Small AT motorcycle only	Op to 123cc
	Standard motorcycle	Up to 400cc
	Standard AT motorcycle only	Ор 10 400СС
Large motorcycle license	Large motorcycle	Unlimited
	Large AT motorcycle only	Up to 650cc

Europe

As one would expect from the birthplace of motorcycles, motorcycles have a well-established place in European society as part of the culture. The market is characterized by widespread use of motorcycles among riders of all ages as a commuter vehicle and as means for recreation, from touring through the countryside to circuit racing and other sports. Motorsports are also popular there. Over half of the MotoGP racing series, the world's premier motorcycle racing championship, is held in Europe.

North America

The North American market is characterized by its predominance of motorcycle enthusiasts. Cruisers, with their low-riding seats and long bodies—perfectly suited for riding on long stretches of straight, open road—are a representative category, but there is also a large segment of users who enjoy riding off-road or on mountainous terrain for sport or recreation. The popularity and extensive variety of motorsports practices by professionals and amateurs alike is another unique quality of the North American market.

ASEAN region

The conditions surrounding motorcycles in the ASEAN region, where motorization first took off in the 1980s, are vastly different than those in developed markets. Motorcycles are a primary mode of transportation for commuting to work and school and for daily living in many communities. They also serve an important role as social infrastructure, assisting the flow of goods and services. Easy-to-use "moped-type" motorcycles with a small engine capacity of around 125cc, are traditionally the mainstream choice. However, since the turn of the century there has been a growing segment of users resembling those in developed markets who favor more personalized and luxurious features. Yamaha was quick to introduce automatic-transmission motorcycles to this market, and is now recognized as a leading company.

China

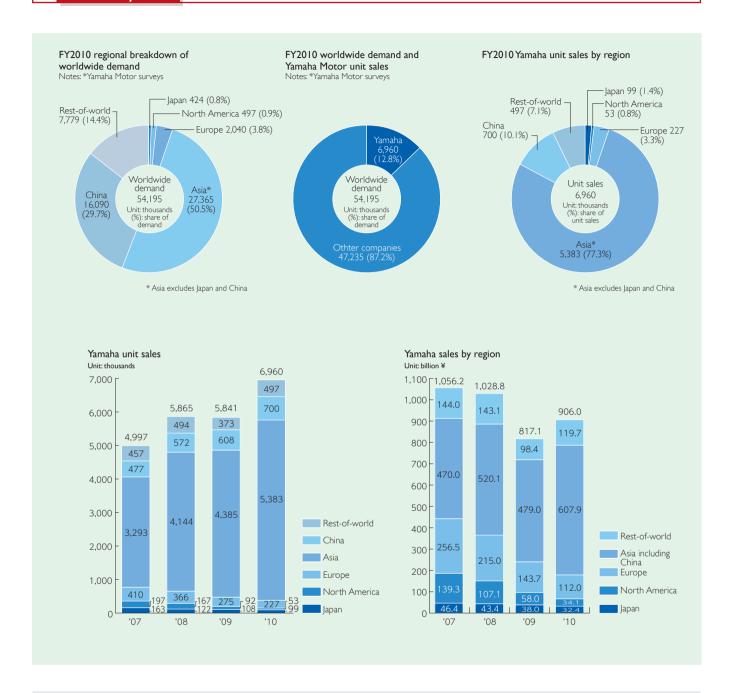
With domestic demand for new motorcycles now exceeding 16 million units annually, China has become the world's largest motorcycle market. The country is seeing its motorized population expand dramatically, and is home to over 100 motorcycle makers. Until recently, Yamaha Motor sales have largely consisted of high value-added models with engine capacities of around 125cc purchased mainly by relatively affluent urban consumers. However, the proliferation of motorcycles in urban areas has spawned new regulations on motorcycle registration, bringing about a shift of the major market to the interior regions. Yamaha Motor is working to expand its product lineup with lower priced models that are more widely affordable.

India

In India, the world's second largest market after China and one where domestic demand for new motorcycles now exceeds II million units annually, motorcycles with an engine capacity of around 125cc are most common. India, like China, is also seeing rapid growth of its motorized population. Yamaha Motor until now has adopted a strategy of building its brand image by rolling out high value-added models, but is now working to expand its product lineup with affordably-priced models.

Country		Name of Company
Jap	oan	Yamaha Motor Co., Ltd.
Firmer	France	MBK Industrie
Europe	Spain	Yamaha Motor Espana. S. A.
	Indonesia	PT. Yamaha Indonesia Motor Manufacturing PT. Yamaha Motor Manufacturing West Java
	Thailand	Thai Yamaha Motor Co., Ltd.
	Vietnam	Yamaha Motor Vietnam Co., Ltd.
	Cambodia	Yamaha Motor Cambodia Co., Ltd.
Asia	Philippines	Yamaha Motor Philippines, Inc.
7 (3)4	Malaysia	Hong Leong Yamaha Motor Sdn.Bhd.
	Taiwan	Yamaha Motor Taiwan Co., Ltd.
	China	Chongqing Jianshe · Yamaha Motor Co., Ltd. Zhuzhou Jianshe Yamaha Motor Co., Ltd. Jiangsu Linhai Yamaha Motor Co., Ltd.
	India	India Yamaha Motor Pvt. Ltd.
	Brazil	Yamaha Motor da Amazonia Ltda.
Central	Mexico	Yamaha Motor de Mexico, S.A. de C.V.
and South America	Colombia	Industria Colombiana de Motocicletas Yamaha S.A.
	Argentina	Yamaha Motor Argentina S.A.

Motorcycles



EC-03 Electric motorcycle



Electric motorcycles, which run solely on battery-supplied electric power, are expected to play an important part in motorized societies of the future, not only because they have a small environmental footprint, but also because they can reduce dependence on fossil fuels. Yamaha Motor has sold its EC-03 electric commuter, designed to maneuver and perform well for shorter distance use in urban areas, in Japan since 2010. For overseas markets, the EC-03 is slated for release in Taiwan and Europe in 2011.

Boats







EXULT 36 Sport Saloon

S-QUALO

DY-51A-0A

Product Profile

Boats are used for two major purposes: commercial use and leisure. Commercial boats can be categorized roughly into Japanese style utility boats and fishing boats, both of which are an indispensable part of the everyday lives of fishermen. Recreational boats include powerboats, used for activities from sport fishing to cruising and waterskiing, and sailboats.

Background of the Business

Since the latter part of the 1950s, Yamaha started joint research and development of FRP (Fiber Reinforced Plastics) —a promising new material at the time—with Nippon Gakki Co., Ltd. (presently Yamaha Corporation), and in 1960 began producing and marketing FRP boats. In 1965, the Company also started production of sail-boats and fishing boats.

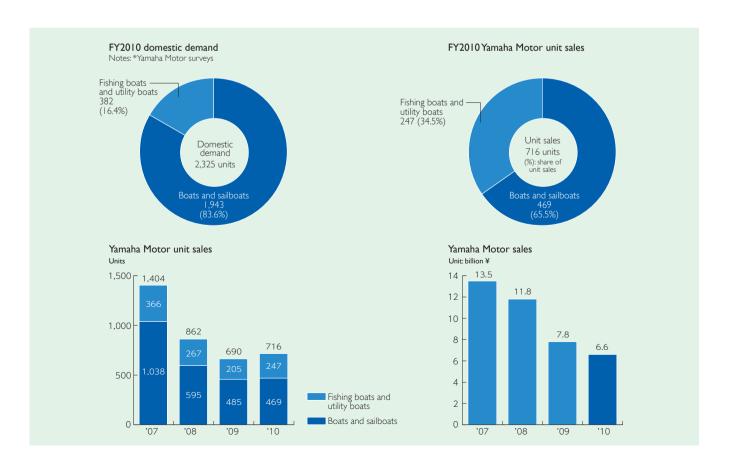
Yamaha Motor has continuously developed and designed its products using performance simulation and 3D CAD systems, and introduced new manufacturing technologies to reduce the environmental impacts of production.

Current Business and Market Conditions

In Japan, Yamaha Motor is a full-spectrum marine manufacturer, offering a full lineup of products in all categories, from fishing and utility boats—the hulls of which must be designed to fit the requirements of each region's fishing methods—to large recreational sport boats and sailing cruisers.

	Name of Company	Location
Fishing boats, utility boats	Yamaki Manufacturing Co., Ltd. *	Yakumo, Hokkaido, Japan
Small boats, utility boats	Yamaha Amakusa Manufacturing Co., Ltd. * ⁱ	Kamiamakusa, Kumamoto, Japan
Medium and large boats	YM Shido Co., Ltd. *2	Sanuki, Kagawa, Japan

Notes: *I Group company *2 Contract manufacturer



Marine Engines









Product Profile

Marine engines used to propel boats can be categorized into three types: outboard motors, stern drives (inboard-outboard motors), and inboard motors. Outboard motors, which are suited for small-to medium-size boats, are used by people engaged in a variety of activities all around the world. In developed regions like Europe and North America, they are primarily used for leisure, while in emerging countries they are predominantly used for fishing and transport/transportation. Marine diesel engines (inboard) and stern drive engines (inboard-outboard) are also useful as a means of propulsion for recreational boats and for small fishing boats used for inshore fishing.

Outboard motors

For small- to medium-size boats. The entire unit—engine to propeller—is mounted on the outside of the boat.



Stern drives (Inboard-outboard motor)

For small- to medium-size boats. The engine is mounted inside the hull at the stern, with the drive unit and propeller mounted outside the hull.



Inboard motors

For large boats. The engine is situated at the center of the hull, and rotates the propeller via a driveshaft.



Background of the Business

Applying its small engine technology developed for motorcycles, Yamaha Motor released its first marine engine, the small outboard engine P-7, in 1960. In the half century that followed, the Company has expanded its marine engine lineup to suit manifold uses and conditions in the various locations they are used, focusing especially on outboard motors, including models with increasingly large horse-power and models that have better fuel efficiency and are designed to withstand more extreme environments. Cumulative production of Yamaha outboard motors topped 9 million units in March 2010.

Current Business and Market Conditions

More than 90% of Yamaha outboard motors are exported to markets worldwide, where they are currently being sold in over 180 countries and regions. Their applications cover everything from fishing to leisure, and include the more simply constructed 2-stroke models suitable for operating environments in emerging countries, 4-stroke models which are in high demand in developed countries and also offer exceptional environmental performance, as well as electric models used for freshwater and inshore fishing and other activities. Yamaha Motor also offers a complete lineup of inboard and stern drive motors for everything from commercial applications to recreational boating.

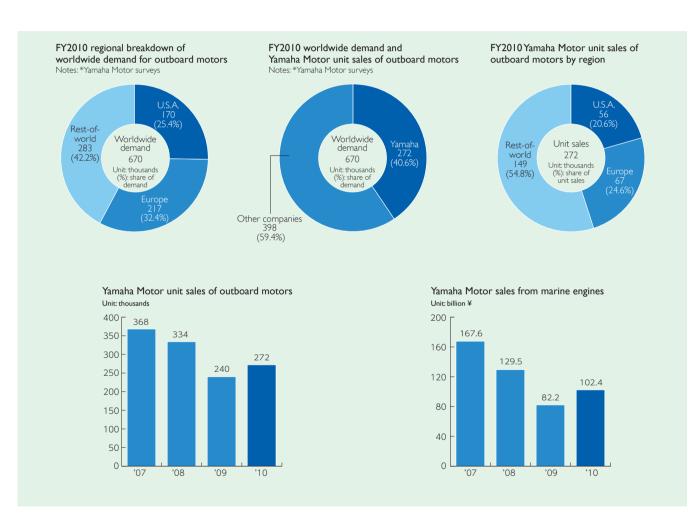
Environmental compliance

Yamaha Motor offers a full line of products that comply with voluntary restrictions set by the Japan Boating Industry Association, as well as standards set by 2010 EPA (United States Environmental Protection Agency) regulations on exhaust emissions and 2008 CARB (California Air Resources Board) regulations.

Production

	Name of Company (Factory)	Location
Medium- and large-size 4-stroke outboard motors and large-size 2-stroke outboard motors	Yamaha Motor Co., Ltd. (Fukuroi South Factory / Iwata South Factory)	Fukuroi/Iwata, Shizuoka, Japan
Small-size 4-stroke outboard motors and small- and medium-size 2-stroke outboard motors	Yamaha Kumamoto Products Co., Ltd. *	Yatsushiro, Kumamoto, Japan
Small-size 4-stroke outboard motors	MBK Industrie *	Saint-Quentin, France

Notes: * Group company



Personal Watercraft



MJ-VXR

Product Profile

Personal watercraft (or PWC) come in two varieties: one that requires the rider to stand (one-person capacity), and another that is ridden from a seated position (up to three people). PWC mount a small engine, but rather than using a propeller for propulsion they draw in water from the intake section at the bottom of the hull and shoot it out from the back with a jet-propulsion mechanism. The Yamaha AR240 High Output is a sport boat that uses the same kind of propulsion system.

Background of the Business

Applying small engine technologies and FRP molding technologies developed for motorcycles, outboard motors and boats, Yamaha Motor released its first PWC product, the MJ-500T, in 1986. The product's marketing concept, "A water vessel anyone can ride, with assurance and convenience," was welcomed by markets and effectively expanded the enjoyment of marine recreation beyond existing mainstream activities like cruising and fishing.



AR240 High Output

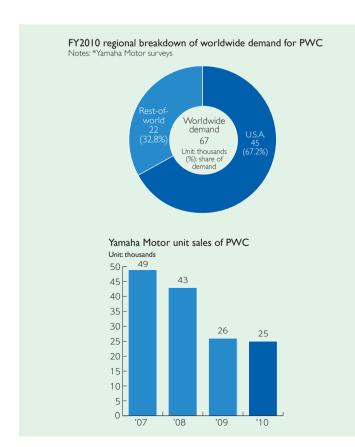
Current Business and Market Conditions

Yamaha PWC feature a highly stable and streamlined body built on technologies Yamaha Motor developed for boats, and a compact, lightweight, yet powerful engine utilizing the Company's motorcycle and marine engine technologies. Most Yamaha PWC employ 4-stroke engines. These models meet environmental regulations in the U.S. and Japan, the largest markets, which include U.S. EPA (Environmental Protection Agency) regulations and Japan Boating Industry Association voluntary regulations.

Production

	Name of Company (Factory)	Location
Engines	Yamaha Motor Co., Ltd. (Kuramatsu Factory)	Hamamatsu, Shizuoka, Japan
Hulls	Yamaha Motor Manufacturing Corporation of America *	Georgia, U.S.A.
riuils	Tennessee Water Craft, Inc. *	Tennessee, U.S.A.

Notes: * Group company





Swimming Pools



Unit pools

Amusement park pools



Pool-related equipment

Product Profile

In Japan, school swimming pools, children's pools, leisure pools, pools for health and rehabilitative use and pools for competition use form the major demand for this segment. By material, pools can be categorized into FRP (Fiber Reinforced Plastics) pools, metal pools and concrete pools.

[Reference] The Advantages of FRP Pools

FRP is a durable, lightweight material that moulds easily and shortens construction time by enabling on-site assembly of factory-made units

Background of the Business

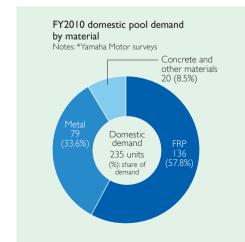
Utilizing FRP technologies cultivated in boat development and manufacturing, Yamaha Motor succeeded in commercializing Japan's first 100% FRP pool in 1974. Since then, the Company has installed over 27,000 pools in Japan. In 2007, Yamaha Motor reached its 5,000th-unit milestone for total school pools installed, the highest of any pool manufacturer in Japan.

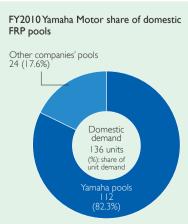
Current Business and Market Conditions

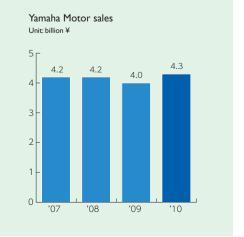
Plans for the construction of swimming pools in public facilities for health-promoting purposes have been increasing in recent years, and Yamaha Motor is expanding its market share in this business segment. The Company is developing pools for hospitals and healthcare institutions to encourage safer water exercise and rehabilitation for the older and physically challenged members of the community. Yamaha Motor is also actively involved in finding environmentally friendly ways to recycle and reuse swimming pools, and in the development and marketing of pool-related equipment and systems. The Company also offers maintenance and management services for public pools.

Production

Name of Company (Site)	Location
Yamaha Motor Co., Ltd. (Arai Site)	Kosai, Shizuoka, Japan







10

All-Terrain Vehicles & Side-by-Side Vehicles







Rhino 700 Fl Auto

YFM700R

GRIZZLY700

All Terrain Vehicles (ATVs), also called four-wheel buggies, can handle all sorts of terrain, including unpaved roads, sand and rugged ground. Especially popular in the vast, open landscape of North America, ATVs are used for a broad range of applications, including hunting and other forms of outdoor leisure, off-road and desert sports, and as a utility vehicle for performing agricultural chores and other jobs. Broken down by application, about 60% of ATVs are used for leisure, 20% for sports and 20% for utility work, which includes transporting cargo, guiding livestock, planting seeds and spreading

Side-by-side vehicles (SSVs) are a type of ATV with passenger and driver seats placed side-by-side and a steering wheel for driving. They are used primarily for leisure and sport activities.

Background of the Business

ATVs were developed using technologies created in the process of developing and manufacturing off-road motorcycles. Sales of Yamaha ATVs began in the U.S. with Yamaha Motor's first product, the YTI25, in 1979, and in Japan in 1986.

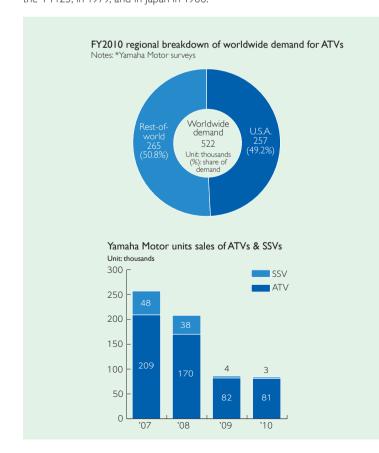
Current Business and Market Conditions

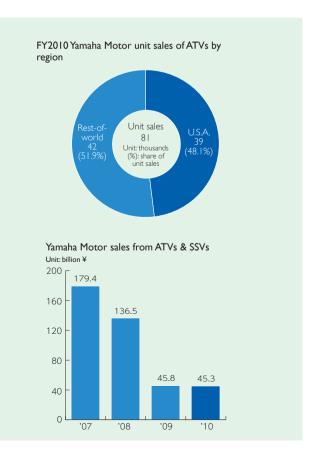
The United States accounts for more than 50% of worldwide demand due to its having large stretches of natural terrain, unpaved roads, and open ranches and farms where ATVs perform well. Yamaha Motor meets diverse needs with its wide range of products including utility, sports and youth-oriented models. First released in 2003, Yamaha Motor's SSVs find the greatest demand in the U.S.

Production

Name of Company	Location
Yamaha Motor Powered Products Co., Ltd. *	Kakegawa, Shizuoka, Japan
Yamaha Motor Manufacturing Corporation of America *	Georgia, U.S.A.

Notes: * Group company





Snowmobiles







RSVenture GT FXNytro R-TX

Product Profile

The snowmobile uses two skis at the front for changing directions and track belts at the rear for engine-driven propulsion. It has developed into a mode of transportation for people in snowy areas, and also as a source of motor sports and leisure enjoyment. Applications can be broken down roughly into leisure and utility. Additionally, in Japan snowmobiles are also used in winter for power line maintenance, for spreading snow-melting agents on cultivated areas, for fish farming in frozen lakes etc.

Background of the Business

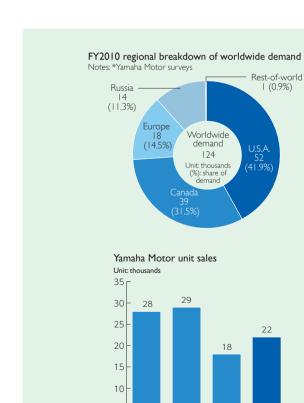
Applying the engine technologies it had developed for motorcycles, Yamaha Motor released its first snowmobile model, the SL350, in 1968 and its first model for recreational use in 1970. Since then the Company has worked to expand its lineup, catering to a variety of needs as the only snowmobile manufacturer (of completely built up units) in Japan.

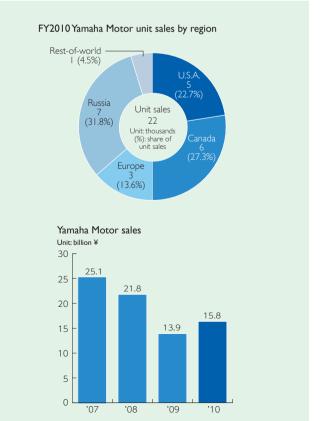
Current Business and Market Conditions While the U.S., Canada, Scandinavia (Sweden, Norway, Finland) and Russia constitute the largest markets, Yamaha snowmobiles are sold in over 30 countries worldwide, including Japan, Austria, Switzerland, Ukraine, Kazakhstan, Mongolia, China, South Korea and New Zealand. In recent years, demand for environmental performance has

grown even for snowmobiles. Yamaha Motor has complied with this

movement by actively developing models with 4-stroke engines.

Name of Company (Factory)	Location
Yamaha Motor Co., Ltd. (Iwata Main Factory)	lwata, Shizuoka, Japan







YDR

Product Profile

Golf cars have become popular on golf courses today because they save labor, let golfers transport their own clubs, lighten work for caddies, and encourage smoother, more enjoyable rounds. Various specifications are available based on market and consumer (golf clubs and resorts) needs. Options include passenger capacity (1, 2, or 5 passengers), the power unit (gasoline engine or electric motor) and the operating system (electromagnetic guidance or manual).

Background of the Business

In 1972, Yamaha Motor began developing a land car for use at a resort owned and operated by Nippon Gakki (presently Yamaha Corporation), later segueing into the development of golf cars, which the Company released for the first time in 1975 with its YG292 model. With business expanding in subsequent years, Yamaha Motor constructed a new production plant in the U.S. in 1988 to supplement its Japanese plant. All told, the Company has made over 1 million golf cars.



TurfLiner G30A

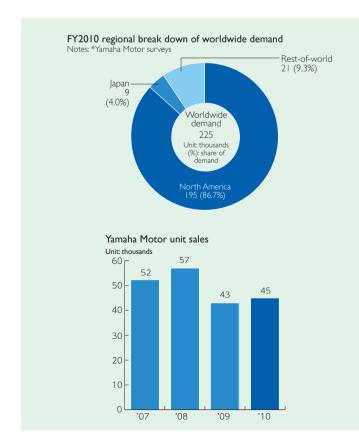
Current Business and Market Conditions

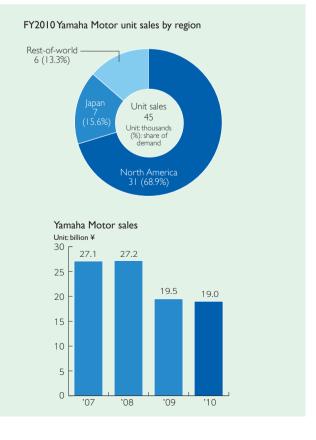
The demand for golf cars is consistently growing. In Japan, demand is highest for five-passenger models, which also carry caddies, and in the U.S, where caddies are often not used, demand is highest for two-passenger models. Working to create an easier, more comfortable round for golfers, Yamaha Motor introduced in 1996 a model that can be remote control operated, with an electromagnetic guidance system that uses mounted sensors to automatically trace electric cables buried underground. In 2000, the Company introduced a more environmentally friendly model equipped with a much quieter electric motor.

Production

Name of Company	Location
Yamaha Motor Powered Products Co., Ltd. *	Kakegawa, Shizuoka, Japan
Yamaha Motor Manufacturing Corporation of America *	Georgia, U.S.A.

Notes: * Group company





Generators



EF1600iS

Product Profile

Yamaha generators use a small gasoline-powered engine to generate electricity. Models offered include everything from light and compact generators that can be carried around with one hand, to utility generators used as a power source for tools and lighting equipment at construction sites and in other settings. Yamaha Motor also provides inverter-type generators, which can be used as a power source for computers and other precision electronic equipment. These generators are also indispensable as an emergency power source during power outages and in disaster areas.

Background of the Business

Building on its small engine technologies, Yamaha Motor released its first generator model, the ETI250, in 1973.



EF5500iSDE

Current Business and Market Conditions

As needs for generators expand beyond business applications, these products now need to be quieter, easier to operate, and applicable to a broader range of operating environments in addition to offering sufficient durability, reliability, and quality, sustained power. Meanwhile, Yamaha Motor is actively developing new 4-stroke and inverter-type models that meet voluntary regulations set by the Japan Land Engine Manufacturers Association and other strict emissions standards adopted around the world.

Production

Name of Company	Location
Yamaha Motor Powered Products Co., Ltd. *	Kakegawa, Shizuoka, Japan
Fuzhou Jiaxin Soqi Power Products Co., Ltd. *	Fujian, China

Notes: * Group company

Snow Throwers



YU240

Product Profile

Snow throwers make living out the winter easier in snow-bound regions such as Hokkaido, Tohoku, Kita-Kanto, Koushinetsu, Hokuriku, and Sanin in Japan. Yamaha Motor offers a broad range of snow thrower models, from compact units handy for clearing porches and walkways at home to large models suited for commercial use.

Background of the Business

Utilizing its small engine technologies, Yamaha Motor released its first snow thrower model, the YT665, in 1978.



YS-1070T

Current Business and Market Conditions

Yamaha Motor offers a total of 13 snow thrower models, ranging from a compact 2-horsepower home-use unit to a 13-horsepower commercial-use model. Yamaha snow throwers have been recognized for the materials and construction of their various components, their exceptional cold-weather performance, and unique designs that enable quiet operation—advantages made possible with the Company's snowmobile manufacturing expertise.

Production

Name of Company	Location
Yamaha Motor Powered Products Co., Ltd. *	Kakegawa, Shizuoka, Japan
Yamaha Motor Taizhou O.P.E. Co., Ltd. *	Jiangsu, China

Notes: * Group company

20

Electrically Power Assisted Bicycles







PAS Brace-L PAS CITY-X Lithium

PAS Natura M Deluxe

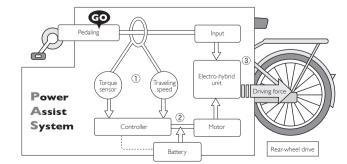




PAS LITTLEMORE Lithium

Product Profile

Electrically power assisted bicycles are bicycles equipped with a motor and battery that supply power to assist the rider's pedaling. The Yamaha PAS released in 1993 was the first electrically power assisted bicycle in the world. Yamaha PAS bicycles are not only ease-to-use and convenient, they also effectively eliminate the major drawbacks of conventional bicycles (difficulty in riding uphill, against the wind, or when carrying cargo), making them accessible to virtually everyone. Electrically power assisted bicycles are gaining popularity as a new category of commuter vehicles for people of all ages, facilitating various forms of personal transportation—commuting to and from work or school, taking children to kindergarten and back home, and even for making work rounds in the city.



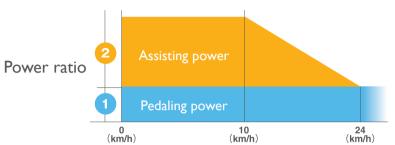
Background of the Business

In the 1980s, a new consciousness emerged around global environmental problems such as energy conservation and societal challenges such as Japan's aging population and low birthrate. This spurred Yamaha Motor's efforts to develop a new vehicle that transcended the boundaries set by conventional product categories. Deploying a new development concept that focused on providing a "people-friendly, environmentally friendly vehicle that puts human sensibilities first," Yamaha Motor launched in 1993 the world's first electrically power assisted bicycles. Since then, the Company has pioneered the market through technological improvements and by driving demand; by the end of 2008, Yamaha Motor had sold over one million units. In addition, control technologies developed in this field are being applied to other Yamaha products in the electric wheelchair and electric motorcycle segments.

Current Business and Market Conditions

Since releasing the first Yamaha PAS in 1993, Yamaha Motor has made various improvements and additions to its lineup without altering its original product concept. At the same time, needs for electrically power assisted bicycles have diversified and the market has expanded together with a growing awareness of health and environmental issues, changes in transportation, and spiraling gasoline prices. Legal standards applied to the use of electrically power assisted bicycles have also changed, including the revision of a law regulating the assist rate of electrically power assisted bicycles in 2008 and the establishment of a safety standard for bicycles with two infant seats in 2009.

Assistance Ratio for Electrically Power Assisted Bicycles (Image)



Up to 10km/h, electric power assists pedaling at a maximum ratio of 1:2*

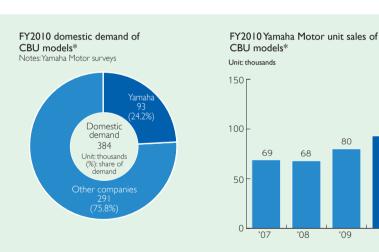
Above 10km/h, electric power assist is moderated to keep the bicycle from going too fast

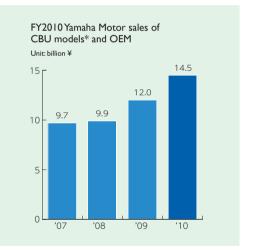
Above 24km/h, electric power assist is cut off

*The maximum ratio set by legal standards

	Name of Company	Location
Power assist units	Yamaha Motor Electronics Co., Ltd. *	Morimachi, Shizuoka, Japan
Vehicle body	Bridgestone Cycle Co., Ltd. *2	Ageo, Saitama, Japan

Notes: *I Group company *2 Contract manufacturer





Notes: * CBU: completely built up

Electric Wheelchairs



Wheelchair electric power units

Lightweight electric wheelchairs

Product Profile

Wheelchairs help disabled and elderly people gain mobility. There are basically two types of wheelchairs: manual and electrically powered models. Yamaha Motor presently markets electric power units for converting manual wheelchairs into electric wheelchairs, electric power assist units for manual wheelchairs for easier mobility and lightweight electric wheelchairs (completely assembled) with electric power units built in.

- Wheelchair Electric Power Units -

These units are used to convert hand-operated wheelchairs into electric wheelchairs. Each unit consists of a joystick for operation, two wheels with a built-in motor and clutch system, and a light, compact battery. Operating a clutch lever allows shifting between manual and electric modes.

- Wheelchair Electric Power Units (Assist type) -

These units are used to convert hand-operated wheelchairs into electric power assisted wheelchairs. This system features an electric motor that supplies power assistance when the wheelchair user turns the wheel handrims—the same technology employed in electrically power assisted bicycles (PAS). Each unit consists of two wheels with a motor and clutch system built into the hub, and a light, compact battery.

- Lightweight Electric Wheelchairs -

These wheelchairs come completely constructed with an electric power unit built in. Yamaha's wheelchairs feature a slim, lightweight, and collapsible design, and can be shifted between electric and manual modes.

Background of the Business

Hoping to advance public welfare and offer solutions to the challenges faced by Japan's aging population, Yamaha Motor started work in the early 1990s applying its original electronic control and drive technologies to the development of electric power units for manual wheelchairs, and in 1995 began limited-area marketing of its first product (nationwide marketing in 1996).

Soon after, in 1996, the Company utilized its proprietary technologies for electrically power assisted bicycles to release its first electric power assist unit for helping wheelchair users go places with less effort, and in 2001 it released its first electric wheelchair for electrically assisting caregivers when pushing wheelchairs. As these examples suggest, Yamaha Motor has consistently expanded and improved its product lineup to provide wheelchair users with enhanced comfort and convenience and to lighten the load borne by caregivers.

Current Business and Market Conditions

In Japan, most electric wheelchairs are used by disabled people as certified prosthetic appliances. Combined with the increasing number of elderly people who use rental wheelchairs under the long-term care insurance system, the number of electric wheelchair users is slowly growing.

Outside Japan, Yamaha Motor supplies products as an OEM to value-added resellers in the U.S., Europe and other regions.

Production

Name of Company	Location
Yamaha Motor Co., Ltd. (Hamamatsu IM Site)	Hamamatsu, Shizuoka, Japan

Surface Mounters & Industrial Robots



YG300 Surface mounter



Cartesian robots



SCARA robots

Product Profile

Surface mounters are industrial robots that are designed to mount electronic components onto printed circuit boards used in the electrical components for mobile phones, automobiles, and other electronic products. These devices can be classified into high-speed and general-purpose machines. Yamaha Motor's core products in this field are general-purpose, medium-size surface mounters.

Industrial robots are used for a variety of production-related tasks and can be divided into three categories: single-axis robots used for parts transport and assembly, cartesian robots designed to perform advanced tasks, and horizontal multi-joint (SCARA) robots, which can perform bolt/screw tightening and other complex tasks.

Background of the Business

Yamaha Motor began research and development of industrial robots in 1974 to streamline the production of its motorcycles and improve manufacturing precision. In 1976, the Company introduced SCARA robots in-house to assemble parts on its motorcycle production lines, and in 1981 entered the industrial robot business. In 1987, the Company began marketing surface mounters, the cumulative sales of which had reached 20.000 units by 2007.

Current Business and Market Conditions

Surface mounters, Yamaha Motor's core product in this business segment, are high-speed modular units that boast superior mounting speed in both standalone applications and multiple-unit configurations. Yamaha Motor commands the largest market share for general-purpose surface mounters. In 2006, the Company moved into the high-speed mounter segment when it developed the YG300 surface mounter, which has achieved the industry's highest throughput, at 105 thousand chips per hour. Meanwhile, the Company has also evolved into a comprehensive manufacturer of chip mounting equipment, expanding its business by adding screen printers, testers and other products.

Production

Name of Company (Site)	Location
Yamaha Motor Co., Ltd. (Hamamatsu IM* ¹ Site)	Hamamatsu, Shizuoka, Japan
i-PULSE Co., Ltd. *2	Hamamatsu, Shizuoka, Japan

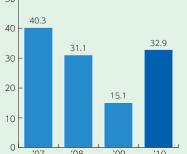
Notes: *I IM: Intelligent Machinery *2 Group company

FY2010 regional breakdown of worldwide demand for surface mounters * *Yamaha Motor surveys Europe and America 2,000 (14.2%) Worldwide demand 14,100 units (%): share of demand 11,500 (81.6%) Yamaha Motor unit sales of surface mounters Units









Automobile Engines



Automobile engines



Performance dampers

Product Profile

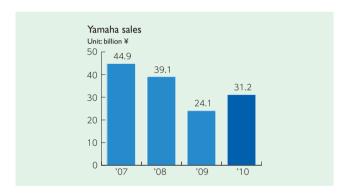
Yamaha Motor's automobile engines feature high revolution speeds and high power, reflecting engine technologies the Company has acquired over the years through manufacturing motorcycles. The engine mounted on the Lexus LFA sports car (developed jointly with Toyota Motor Corporation) is the most recent example of these products. Yamaha Motor also develops and manufactures suspension systems and other products using related technologies. The Company's Performance Damper, which enhances car performance by creating a smoother, more comfortable ride, is used in the Lexus CT200h, a luxury hybrid car. These and other Yamaha Motor technologies enjoy a high reputation in the industry.

Background of the Business

Ever since its founding, Yamaha Motor has amassed various technologies through its motorcycle development activities. Meanwhile, the Company has also conducted research and development of enginerelated technologies for automobiles. In 1967, the Company entered a development and manufacturing venture for the Toyota 2000GT sports car together with Toyota Motor Corporation (then known as Toyota Motor Co., Ltd.). This had the effect of spurring further collaborative work with automobile makers; in 1989, Yamaha Motor also started participating in the Formula One, the world's premier car racing series. In these ways, the Company has been a perpetual agent of innovation in automobile engine technologies.

Production

	Name of Company (Factory)	Location
Assembly	Yamaha Motor Co., Ltd. (Iwata Main Factory)	lwata, Shizuoka, Japan
Processing	Yamaha Motor Co., Ltd. (Fukuroi Factory)	Fukuroi, Shizuoka, Japan



Industrial-use Unmanned Helicopters



RMAX Type II G

Product Profile

For its industrial-use unmanned helicopters, Yamaha Motor has developed support systems that incorporate a GPS-based speed control function for more stable operation, as well as altitude control systems that enable unmatched ease of operation and flying stability. These achievements bring to bear the various control technologies that are one of the core competencies of Yamaha Motor.

- Agricultural Applications -

Major users include municipalities, National Federation of Agricultural Cooperative Associations, agricultural cooperatives, crop-dusting organizations and individual farmers. Their primary application is spraying agricultural chemicals. Yamaha industrial-use unmanned helicopters used in agriculture make jobs more efficient and thus help to improve productivity and reduce labor.

- Observational and Surveying Applications -

Yamaha Motor provides municipalities, university research institutions, and other organizations with services for using industrial-use unmanned helicopters to conduct observations, surveys and other related applications.

Background of the Business

In the early 1980s, Yamaha Motor was commissioned by a government organization to develop an industrial-use unmanned helicopter that could easily perform agricultural crop dusting operations. In 1987, the Company commercialized the world's first industrial-use unmanned helicopter for industrial use—the R-50—and commenced full-scale marketing of the product in 1989.

Since then, Yamaha Motor has contributed to the advancement of modern agriculture as the leading manufacturer of industrial-use unmanned helicopters in Japan.

Production

	Name of Company	Location
Engines, transmissions, etc.	Yamaha Motor Powered Products Co., Ltd. *	Kakegawa, Shizuoka, Japan
Control, electric related	Yamaha Motor Electronics Co., Ltd. *	Morimachi, Shizuoka, Japan

Notes: * Group company

Other Products

Parts and Accessories







Yamaha Motor sells replacement parts for its motorcycles, marine and other products, as well as accessories such as helmets and apparel.

Pleasure-use Boat Mooring Equipment



Yamaha Motor sells equipment used in marina applications, such as pontoons

Water Purifiers



Yamaha Motor manufactures and markets water purifiers to improve the quality of living in Southeast Asia and other regions where access to potable water is limited.

Racing Kart Engines



Yamaha Motor manufactures and sells engines for racing karts, entry-level machines often used to gain access to more challenging four-wheel motor sports.





Japanese: www.yamaha-motor.co.jp/
English: www.yamaha-motor.co.jp/global/

