



Jatco

JATCO Ltd Corporate Profile



Jatco
The mission is passion.

Excelling on the world stage through engineering prowess

JATCO is aiming to be the No.1 automatic transmission manufacturer in the world.

As a manufacturer specializing in automatic transmissions for automobiles, JATCO features a wide range of products lineup, from step automatic transmissions to environmentally friendly continuously variable transmissions (CVT) and transmissions for hybrid vehicles. In terms of CVTs, we are the only manufacturer in the world to provide CVTs from mini vehicles to large passenger cars, and we are proud of the No.1 market share of roughly 50% in the global market. We believe that this result represents the satisfaction of our customers in the world for JATCO's offered products.

The needs for environmentally friendly cars are growing significantly throughout the world as the needs to limit CO₂ emissions impact on the global environment. Thus, the roles automatic transmission plays in realizing green and fuel-efficient cars are becoming more and more important. Also, the automotive market is expanding from advanced nations to emerging economies. We at JATCO will continue to provide products that create value through being close to our customers throughout the world and listening to their voices so that cars remain a good partner to society as in the past.

We believe that engineering is the key to solving the challenges we face in the automobile society. We continue to develop advanced products that reflect the needs of our customers. Our aim is to further improve our manufacturing technology in order to achieve a level of quality that surpasses that of our global competitors. To win with our technology in the global market, each and every one of our employees will show leadership. I expect JATCO to always uphold these values.

Teruaki Nakatsuka
President and CEO
JATCO Ltd



JATCO's innovative ideas and ability to take on technological challenges have allowed us to continuously produce high-performance automatic transmissions that best meet the needs of our customers and society.

Not only do our products provide people with an enjoyable driving experience, they also contribute to society and are environmentally friendly.

JATCO's mission is to fully use the strength and power of our passion.

Passion is our mission.

The mission is passion. Jatco





Passion for product development

Development

Product Planning
Product Development



Never ending challenges are the driving force of development

“How can automatic transmissions transmit energy more efficiently from the engine and motor?” With the aim of enhancing the performance of its products, JATCO has continued to maintain a stance of taking up bold challenges and has built up its technological prowess over its long years in the business. Today, it has made the transition from the phase of “transmitting” energy to “managing” energy. JATCO will harness its boundless spirit of challenge to bring about the realization of the future envisioned by our automobile-based society.

Product planning that anticipates the needs of the market and the times

Each market around the world demands different types of performance from automobiles, such as driving performance, environmental performance, and comfort. These demands are also undergoing constant changes in tandem with the changing times. As a leader in the field of automatic transmissions, JATCO will continue to plan and provide proposals for the next unique product in anticipation of the needs of the market in order to bring about the realization of a society where automobiles and the environment coexist in harmony.

Technology and product development to realize excellent ideas

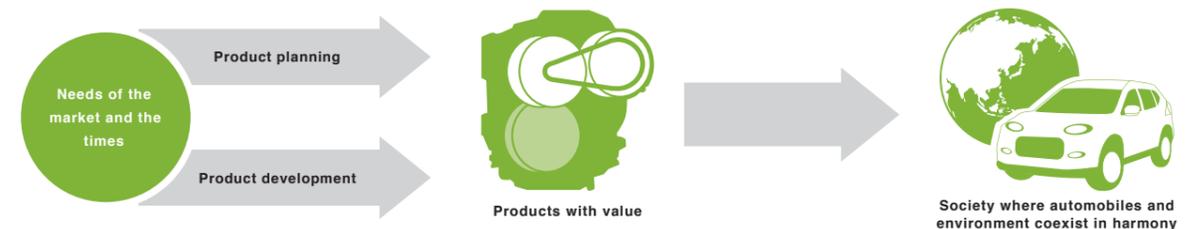
Technological breakthroughs are necessary in order to commercialize excellent ideas. Speed is also important, as the needs of the times do not wait for technological development to catch up. JATCO is keeping up with its research activities on elemental technology and control technology that constantly look ahead to the next generation to wait for the moment when the market requires them. JATCO is able to successively offer the “world’s first” products because it has successfully maintained its technology and product development capabilities that transform ideas into more than just ideas.



Skeleton model for checking oil duct details



Never miss the slightest changes in data



Next-generation transmissions and technological innovations that look ahead to the future

According to forecasts, electric vehicles such as hybrid vehicles (HEV), electric vehicles (EV), and fuel cell vehicles (FCV) will make up more than 50% of all vehicles by 2030. JATCO is poised to create innovative technology by anticipating future mobility. For example, to utilize multi-power sources such as HEV, EV, and FCV, next generation transmissions are aiming for a smaller size, lighter weight, excellent loading performance, and high energy transmission efficiency.

GLOBAL JATCO



Technological development capability expanding globally

Headquartered in Japan, JATCO has established research and development centers in countries across the world, including the United States, South Korea, France, and China.

JATCO’s global development capabilities close to global customers realize products which meet real driving needs in various markets — for instance, cities with many slopes as well as high-altitude countries.



Carefully check prototypes installed into cars



Develop new technological ideas in drawings

Production

Production



Aiming for the highest monozukuri excellence in the world with JATCO's unique production system

“To provide JATCO's valuable products to global customers”

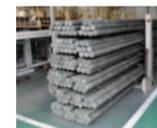
JATCO's mission is to supply high quality products continuously and stably in our manufacturing bases around the world.

To accomplish the mission, we have developed a unique production system known as the JATCO Excellent Production System (JEPS).

Our efforts for improvement and innovation never end in aiming for the highest level of monozukuri excellence in the world.

JEPS (JATCO Excellent Production System)

JATCO's unique production system, JEPS, responds flexibly to changing market needs and achieves the highest level of monozukuri excellence in the world in all aspects of quality, cost, and delivery. JEPS eliminates the waste completely by synchronizing the operations in each process—from the procurement of materials, machining, assembly, inspection, to shipment—as if they were carried out on a single line.



Material procurement



Machining



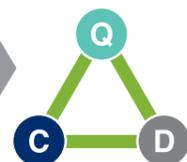
Assembly



Inspection



Shipment



Aiming for the highest level in the world in **Quality, Cost, and Delivery**



Carefully operated for each and every customer



“Pulley” — the key component of CVT



High quality and stable production in every country around the world



Final check with human eyes



Work on parts that require particular precision in the clean room to keep out minute contaminants

Two “never ending” initiatives

The objective of JEPS is to realize two “never endings” across the entire supply chain. The first is “never ending” synchronization of manufacturing with customers. We make our cost and delivery target as close to customers' requirements as possible. The second is “never ending” quests to identify problems and put solutions in place. JATCO seriously faces the gap between the goal to be global No.1 in monozukuri and the current situation. At the same time, we commit to never ending improvement and reformation and to continuously improving our manufacturing systems.

Inheriting monozukuri excellence

JATCO places great importance on the development of human resources, with the aim of inheriting its monozukuri excellence. Employees armed with skills and knowhow acquired at JATCO's skills training facility take on mentoring roles and help to develop outstanding human resources to provide support for each production base. The establishment of these human development systems enables JATCO to launch new production bases within a short period of time.

GLOBAL JATCO



Global network for mass production technology

JATCO has expanded its global production network across the world, from Japan to Mexico, China, and Thailand. The JEPS has been fully implemented in each of these production facilities, and high quality products are being manufactured in a stable manner. The flagship products, Jatco CVT7 and Jatco CVT8, are produced at production lines in multiple plants around the world. The ability to maintain the same level of quality at any production plants enables us to respond flexibly to changing market demands and to provide JATCO's valuable products without having customers wait.

Products

Products offered by JATCO

JATCO's continuously evolving automatic transmission

"To transmit power from the engine and motor to the tires in the most optimal way and to create the ideal response to drivers"

For this purpose, the automatic transmission automatically controls the shift changes.

JATCO has produced a number of pioneering world's first products, such as the 5-speed electric controls automatic transmission in 1989 and the steel belt CVT for 2L class in 1997.

JATCO, as a specialized automatic transmission manufacturer, continuously tackles new challenges and pioneers for the future.

CVT (Continuously Variable Transmission), new-generation transmissions

Among the various types of automatic transmissions, the CVT, which enables non-step, continuous changes in gear ratios through a system of belts and pulleys, has drawn particular attention. The CVT is an innovative transmission that is able to shift transmission by constantly using the efficient range of the engine and to achieve a balance between a powerful drive and smooth gearshift, while providing excellent fuel performance. JATCO is the leading company with No.1 market share in the global market of CVTs for automobiles.

Transmissions for hybrid vehicles that meet market needs

JATCO is also putting effort into the design and development of transmissions for hybrid vehicles to match the needs of the market. With a high level of control technology built upon years of experience, a transmission optimizing the features of hybrid vehicles has been jointly developed with automobile manufactures. Both step AT and CVT-based hybrid transmissions realize efficient energy regeneration and motor driving as well as hybrid driving. They balance between driving performance and environmental performance at a high level.

Lineup

Product lineup applied for a variety of vehicles

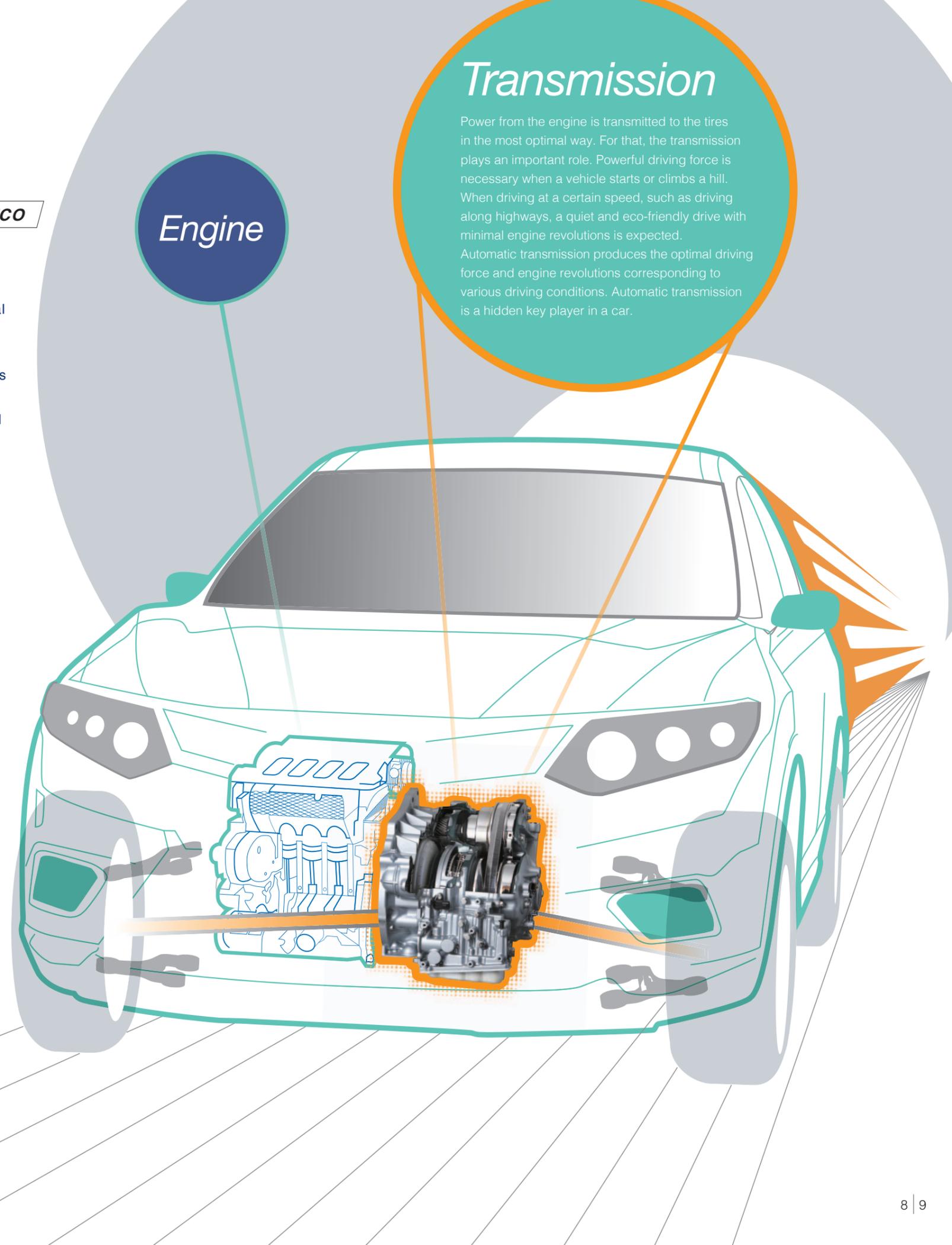
JATCO is the only manufacturer in the world offering a wide range of products that can be mounted in various vehicles. These include a lineup of CVTs that covers mini vehicles to large passenger cars, as well as step ATs and transmissions for hybrid vehicles. JATCO's products are used by many automobile manufacturers and are well received by customers around the world.

HYBRID	 FWD RWD
CVT	 FWD
AT	 FWD RWD

Engine

Transmission

Power from the engine is transmitted to the tires in the most optimal way. For that, the transmission plays an important role. Powerful driving force is necessary when a vehicle starts or climbs a hill. When driving at a certain speed, such as driving along highways, a quiet and eco-friendly drive with minimal engine revolutions is expected. Automatic transmission produces the optimal driving force and engine revolutions corresponding to various driving conditions. Automatic transmission is a hidden key player in a car.



Global Expansion

Global Structure

Looking out at the global market with the spirit of monozukuri excellence

JATCO is expanding its development and production facilities around the world in locations close to customers. Products incorporating customer needs are planned, designed, and manufactured in a timely manner. There are as many as 13 facilities in eight countries outside of Japan. Production engineering in each production facility is designed with a global scope, and the same level high quality products are produced at any production plant in the world. Development facilities in the world closely cooperate with each other and transform market information into product development.

JATCO France SAS / Paris, France, and Barcelona, Spain

JATCO France SAS, established in 2003, serves functions including development, testing, market research, quality assurance services, and sales. It collects road information that is unique to Europe as well as customer opinions and feeds these back into the product planning and development processes. Along with JATCO's Russia offices, JATCO France SAS serves as an important base for capturing the needs of European markets.

Moscow representative office / Moscow Togliatti representative office / Togliatti

The Togliatti representative office established in 2012 and the Moscow representative office established in 2013 mainly serve the functions of market research, quality assurance, and sales. In addition to the Russian market, they also capture customer needs in the wide European market, and respond to those needs in a timely manner.

JATCO (Thailand) Co., Ltd. / Chonburi

JATCO (Thailand) Co., Ltd., established in 2011, is a production facility that seeks to respond to the needs of the ASEAN market, which is experiencing dramatic growth. Production operations commenced in 2013. The production plant has an annual production capacity of 500,000 units, and it will continue to increase this capacity in the future.

JATCO (Guangzhou) Automatic Transmission Ltd. / Guangzhou, Shanghai

JATCO (Guangzhou) Automatic Transmission Ltd., established in 2007, commenced production in 2009 with the aim of supplying products to the Chinese market, one of the largest markets in the world. It has strengthened production capability rapidly to match the growth of the Chinese market, and today, has grown to become a production plant with a capacity of 1 million units per year. In addition to production, it also serves functions including development, market research, quality assurance, and sales and has developed systems that enable it to respond promptly to the needs of the Chinese market.

JATCO Ltd JATCO Engineering Ltd

JATCO Engineering Ltd, established in 1989, serves functions such as development, production, and quality inspections and provides support for JATCO's product development amidst an environment of diversifying market needs.

JATCO Tool Ltd

JATCO Tool Ltd, established in 1995, provides support for JATCO production sites around the world in the area of polishing cutting tools.

JATCO Plant Tec Ltd

JATCO Plant Tec Ltd was established in 1995, and provides JATCO with support in the areas of power equipment operation and maintenance, machine tools, and telecommunications.

JATCO Korea Engineering Corp. / Seoul, Korea

JATCO Korea Engineering Corp., established in 1998, serves functions that facilitate all development work, from design to testing. In particular, it plays an indispensable and important role in JATCO's product development in the area of computer analysis, which it has expertise in.

JATCO Korea Service Corp. / Seoul and Busan, Korea

JATCO Korea Service Corp., established in 2004, serves sales and quality assurance service functions in the Korea market. It plays a part in responding to the needs of customers in the Korea market in a timely manner, from a location that is close to them.

JATCO USA, Inc. / Michigan, Tennessee

JATCO USA, Inc., established in 1997, serves functions such as development, testing, and quality assurance services. It is active in the North American arena, which is the largest market in the sector. From the bitter cold of Alaska to the scorching heat of Arizona, it provides support for development aimed at offering the best transmission systems to the massive North American market.

JATCO Mexico, S.A. de C.V. / Aguascalientes

JATCO Mexico, S.A. de C.V., was established in 2003 and commenced production in 2005 as a production facility that supplies products to the North American market. Alongside with the growth in automotive demand in the North American market as well as globally, the facility has expanded its production scale. In 2014, the second plant commenced production. Together with the first plant, the facility now produces 1.7 million units per year.

Social Responsibility

Responsibility toward society

All activities aimed at creating a society where automobiles and the environment coexist in harmony

In addition to abiding by the law, protecting human rights, and maintaining a sense of fairness at all times, JATCO also believes in actively fulfilling its social responsibility by providing social values through its business and products. With the slogan of being a good corporate citizen, it has taken voluntary initiatives to promote social contribution activities with a focus on the three areas of environment, education, and welfare and to solve social issues with the aim of creating a JATCO that is well loved by the local community.

Provision of products that can meet the needs of customers

JATCO offers drivers a safe driving experience and enables them to drive as they please in places of extreme cold or in scorching hot deserts. It will continue to provide products that are tailored to the different uses of cars, which exceed the expectations of customers and which meet the needs of automobile users around the world.

Reducing the burden on the environment through JATCO's products

JATCO aims to improve the fuel efficiency of automobiles around the world by 5% to 10% and beyond through the evolution of transmission systems. By supplying products with outstanding environmental performance, JATCO will continue to contribute to the protection of the earth's environment and to develop products with a view to the future of the automobile-based society.



Creating an environment where employees can work with vitality and energy

In order to bring about the realization of a vibrant organization and creative thinking, JATCO actively promotes employee diversity by accepting all forms of diversity, including gender, nationality, and career. In Japan, it has been highly appraised for its initiatives in developing an environment to help employees strike a balance between childcare and work and was the first company in Shizuoka Prefecture to be recognized as a *Platinum Kurumin* company in August 2015.

Complying with rules and engaging in fair corporate activities

JATCO puts company-wide effort into complying with laws and regulations and always acting in line with a high level of ethics through organizations that straddle the boundaries of divisions and departments. These organizations include the Compliance Committee and the Information Security Committee.

Cooperation with partner companies

JATCO has drawn up the Supplier CSR Guidelines for its business partners of component parts. For example, it has set out the rejection of involvement in child labor, ensuring the appropriate management of hazardous substances and other items as the premise for its trading activities. Together with its business partners, it has established the clear stance of promoting business fairly and transparently.

Preserving our precious environment for future generations

As a good corporate citizen, JATCO is putting effort into environmental activities. In its locations around the world, it is engaged in activities that aim to preserve our rich natural environment for the children of the future and in those which contribute to the local community. These activities include tree-planting and cleanup activities, releasing young fish, and maintaining pedestrian promenades.

Communicating the wonders of monozukuri

As part of its educational initiatives, JATCO organizes job experience activities and accepts elementary, junior high, high school, and university students in the neighborhoods of its respective locations to plan tours corresponding to their respective age groups. It has also visited areas affected by the Great East Japan Earthquake and conducted visiting lessons to convey the enjoyment of monozukuri.

Creating a kind society that gives consideration to the socially vulnerable

In Japan, JATCO is putting effort into welfare activities, including organizing the JATCO x Yokohama F. Marinos Futuro Cup that involves soccer players with intellectual disabilities. In the United States, it is also putting active effort into activities that give consideration to the socially vulnerable, including participation in the Food Bank.

Corporate Profile

Corporate Profile

Company name: JATCO Ltd
Established: June 28, 1999
Head office: 700-1, Imaizumi, Fuji City, Shizuoka, Japan
Main businesses: Development, manufacturing, and sale of transmissions and automobile components
Paid-in capital: ¥29,935.3 million
Shareholders: Nissan Motor Co., Ltd. 75%
 Mitsubishi Motors Corporation 15%
 Suzuki Motor Corporation 10%
Main customers: Nissan Motor Co., Ltd.
 Mitsubishi Motors Corporation
 Suzuki Motor Corporation
 Dongfeng Motor Co., Ltd.
 Renault S.A.S.

Locations

- Head Office and Fuji Area
- Shin-Yokohama Office
- Kambara Area
- Fujinomiya Area
- Kakegawa Area
- Kyoto Area
- Yagi Area
- Atsugi R&D Center
- Okazaki R&D Center
- Motegi Proving Ground

Affiliated companies in Japan

- JATCO Engineering Ltd
- JATCO Tool Ltd
- JATCO Plant Tec Ltd

Affiliated companies overseas

- JATCO USA, Inc.
- JATCO Mexico, S.A. de C.V.
- JATCO Korea Engineering Corp.
- JATCO Korea Service Corp.
- JATCO (Guangzhou) Automatic Transmission Ltd.
- JATCO France SAS
- JATCO (Thailand) Co., Ltd.

JATCO's History

World's First

1943 August Establishes Yoshiwara Plant of Nissan Motor Co., Ltd. (Current Fuji Area No.1)

1970 January Japan Automatic Transmission Co., Ltd. established through merger of Nissan Motor Co., Ltd., Mazda Motor Corporation (then: Toyo Kogyo Co., Ltd.), and Ford Motor Company



JR502E
World's first 5-speed electric controls automatic transmission

1989 April

1989 October Japan Automatic Transmission Co., Ltd. changes name to JATCO Corporation



F06A
World's first steel belt CVT for 2L class

1997 August

1999 June AT/CVT division of Nissan Motor Co., Ltd. splits off to become TransTechnology Ltd.

1999 October TransTechnology Ltd. and JATCO Corporation merge to form JATCO TransTechnology Ltd.



JR006E
Mass Production of an ultimate "Toroidal CVT" for the first time in the world.

1999 October

2002 April JATCO TransTechnology Ltd. changes name to JATCO Ltd AT/CVT division of Mitsubishi Motors Corporation splits off to become Diamondmatic Co., Ltd.



JF010E
World's first steel belt CVT for 3.5L class

2002 November

2003 April JATCO Ltd merges with Diamondmatic Co., Ltd.



Jatco CVT7 (JF015E)
World's first CVT with an auxiliary gearbox

2009 September



JR712E
World's first 1-motor, 2-clutches type transmission without a torque converter for hybrid vehicles

2010 November



Corporate profile

Company name:	JATCO Ltd
Established:	June 28, 1999
Head office:	700-1, Imaizumi, Fuji City, Shizuoka, Japan
Main businesses:	Development, manufacturing, and sale of transmissions and automobile components
Paid-in capital:	¥29,935.3 million
Number of employees (consolidated):	14,800 (as of March 31, 2015)
Shareholders:	Nissan Motor Co., Ltd. 75% Mitsubishi Motors Corporation 15% Suzuki Motor Corporation 10%

Financial results (consolidated)

	FY 2012	FY 2013	FY 2014
Net revenues:	592.5	710.9	740.1
Operating income:	34.0	46.9	46.4
Net income:	20.7	19.1	23.1

billion yen
(Reference)

Locations

● Head Office and Fuji Area

700-1, Imaizumi, Fuji City, Shizuoka 417-8585, Japan
TEL: +81-545-51-0047 FAX: +81-545-51-5976

● Shin-Yokohama Office

2-8-12, Shin-Yokohama, Kohoku-ku, Yokohama City, Kanagawa 222-0033, Japan
TEL: +81-45-285-0200 FAX: +81-45-473-8107

● Kambara Area

4905-11, Kambara, Shimizu-ku, Shizuoka City, Shizuoka 421-3203, Japan
TEL: +81-54-388-3486 FAX: +81-54-388-2318

● Fujinomiya Area

3507-16, Yamamiya, Fujinomiya City, Shizuoka 418-0111, Japan
TEL: +81-544-58-0200 FAX: +81-544-58-5549

● Kakegawa Area

16, Tanyo, Kakegawa City, Shizuoka 436-0082, Japan
TEL: +81-537-24-9661 FAX: +81-537-24-9627

● Kyoto Area

1, Araki-cho, Uzumasa, Ukyo-ku, Kyoto City, Kyoto 616-8501, Japan
TEL: +81-75-864-8060 FAX: +81-75-861-6693

● Yagi Area

10-1, Yamada, Murohashi, Yagi-cho, Nantan City, Kyoto 629-0102, Japan
TEL: +81-771-43-2200 FAX: +81-771-43-2216

● Atsugi R&D Center

560-2, Okatsukoku, Atsugi City, Kanagawa 243-0126, Japan
TEL: +81-46-270-1458 FAX: +81-46-270-1751

● Okazaki R&D Center

1, Nakashinkiri, Hashime-cho, Okazaki City, Aichi 444-8501, Japan
TEL: +81-564-32-5255 FAX: +81-564-31-2104

● Motegi Proving Ground

555, Aida, Motegi-machi, Haga-gun, Tochigi 321-3535, Japan
TEL: +81-285-64-1335 FAX: +81-285-64-1340

Affiliated companies in Japan

● JATCO Engineering Ltd

125-1, Yodabashi, Fuji City, Shizuoka 417-0002, Japan
TEL: +81-545-51-5777 FAX: +81-545-51-5494

● JATCO Tool Ltd

1-1, Yoshiwaratakara-cho, Fuji City, Shizuoka 417-0023, Japan
TEL: +81-545-54-2221 FAX: +81-545-54-1160

● JATCO Plant Tec Ltd

1-1, Yoshiwaratakara-cho, Fuji City, Shizuoka 417-0023, Japan
TEL: +81-545-57-5510 FAX: +81-545-57-5515

Affiliated companies overseas

● JATCO USA, Inc.

38700 Country Club Drive, Farmington Hills, MI 48331, USA
TEL: +1-248-306-9200 FAX: +1-248-306-9201

● JATCO Mexico, S.A. de C.V.

Carretera Panamericana Km 75, Col. Los Arellano, C.P. 20340. Aguascalientes, AGS., Mexico
TEL: +52-449-929-5064 FAX: +52-449-971-1081

● JATCO Korea Engineering Corp.

IT Castle 2-4F, 98, Gasan digital 2-ro, Geumcheon-gu, Seoul 153-768, Korea
TEL: +82-2-2082-7000 FAX: +82-2-2082-7003

● JATCO Korea Service Corp.

IT Castle 2-412, 98, Gasan digital 2-ro, Geumcheon-gu, Seoul 153-768, Korea
TEL: +82-2-2082-7133 FAX: +82-2-2082-7130

● JATCO (Guangzhou) Automatic Transmission Ltd.

NO.8, Lihong 2 Road, Science City, Guangzhou Hi-Tech Industrial Development Zone, Guangzhou, Guangdong, 510530, China
TEL: +86-20-8226-7338 FAX: +86-20-8226-7002

● JATCO France SAS

ZAC des Godets - Batiment C, 1-4 Impasse de la noisette, 91370 Verrières le Buisson, France
TEL: +33-1-69-32-71-50 FAX: +33-1-69-41-83-35

● JATCO (Thailand) Co., Ltd.

700/999 Moo 3, Amata Nakorn Industrial Estate, Thumbon Nongkakhha, Amphur Phanthong, Chonburi 20160, Thailand
TEL: +66-38-930-000 FAX: +66-38-930-051

Please refer to our website for information on our representative offices, etc.

(as of October 1, 2015)