



Company Profile

**Auto Technic Japan Co.,Ltd.**  
Official Company Profile

# Corporate Philosophy

## Statement of Purpose

Contribute to the prosperity of our customers and society through the utilization of our associates' innovative and technical capabilities, and bring happiness to the people who create and support our company.

## Management Philosophy

- Aim to be No.1 in customer reliability by complying with customers' expectation and creating new expectation.
- Achieve stable profit and cash flow upon clarification of responsibilities for the expected results.
- Focus on our employees' motivation and demonstration of their abilities, and aim to be a company that develops people who develop the company.
- Respect each individual's performance through fair evaluation and treat accordingly.

## Principles of Conduct

### 【Professionalism】

Accomplish work with consciousness and responsibility.

### 【Quick action】

Act positively and proactively based on our original ideas and devised plans.

### 【Creation of the lively work area】

Create the environment, free and vigorous open-communication



### **Our mission is to contribute to the prosperity of our customers and society through the utilization of our associates' innovative and technical capabilities.**

Auto Technic Japan (ATJ) has initiated consignment work, test drive and quality control to meet the needs for development operations of Honda R&D since 1971.

As the business grew, ATJ was established in 1982, and started business.

Since then, we have built trusted relationships with our main customers, each automobile manufacturer through supporting their product development.

Presently, we are expanding the range of our services as a Test-engineering Company. We keep contributing to "Monozukuri(craftsmanship)" by providing a wide variety of support for more customers.

To meet customers' various needs, all of us at ATJ, we want to study diligently, improve our skills and abilities, as well as share our joy with our customers all around the world through our accomplishment, and contribute society widely with our work.

President **Takayuki Takada**





# Corporate Profile

|                               |   |                           |
|-------------------------------|---|---------------------------|
| <b>I Name</b>                 | Auto Technic Japan Co.,Ltd.<br>株式会社オートテックジャパン   |                           |
| <b>I Establishment</b>        | July 21, 1982   |                           |
| <b>I Capital</b>              | 40,000,000 JPY  |                           |
| <b>I Annual Sales</b>         | 20,400,000,000 JPY(FY2019)  |                           |
| <b>I Office</b>               | Head Office   | (Haga-gun, Tochigi)       |
|                               | Tochigi Development Center (No1,No2)  | (Haga-gun, Tochigi)       |
|                               | Engineering Solution Center   | (Haga-gun, Tochigi)       |
|                               | Capital Region Division<br>/Asaka Technical Center  | (Asaka-shi, Saitama)      |
|                               | West Japan Division<br>/Hamamatsu Development Center  | (Hamamatsu-shi, Shizuoka) |
|                               | Hokkaido Office   | (Takasu-cho,Hokkaido)     |
|                               | Atsugi Office   | (Atsugi-shi, Kanagawa)    |
| <b>I Our Business</b>         | Suzuka Office   | (Suzuka-shi, Mie)         |
|                               | Tests: driving test/physical property test/parts & components test/strength test etc.<br>Test device fabrication, vehicle maintenance, CAE analysis, cut model fabrication, sensor designing & fabrication, safety class and practical training, jig designing & fabrication, Engineer dispatch, disassembly of automobiles, storing of automobiles and parts, R&D for automobiles/ motorcycles /farming equipment /outboard motors /lawn mowers/ generators, etc., confirmation of function & specification compliance between the designs and product's parts as well we final products, dispatching of experts in compliance with the Man-Power Dispatching Business Law, and other operations related to automobile products. |                           |
| <b>I Employees</b>            | 1,910   | (as of October 1, 2021)   |
| <b>I Stockholder</b>          | NIKKON Holdings Co., Ltd. (First Section of the Tokyo Exchange)   |                           |
| <b>I Associated Companies</b> | Auto Technic Americas, Inc. (U.S.A)   |                           |
|                               | SIAM AUTO TECHNIC CO.,LTD. (Thailand)   |                           |

## I Main customers

### I In Japan

Honda Motor Co.,Ltd.  
Honda R&D Co.,Ltd.  
Honda Access Corporation  
Honda Racing Corporation  
Nissan Motor Co.,Ltd.  
MITSUBISHI MOTORS CORPORATION  
SUZUKI MOTOR CORPORATION  
SUBARU CORPORATION  
Musashi Seimitsu Industry Co., Ltd.  
Hitachi Astemo, Ltd.  
Bosch Corporation / Bosch Engineering K.K.  
Continental Automotive Corporation  
Tier IV, Inc  
Yamada Manufacturing Co., Ltd.  
Magna International Japan Inc.  
AZAPA Co., Ltd.  
ZF Automotive Japan Co., Ltd.  
Valeo Japan Co., Ltd.  
Japan Automobile Research Institute

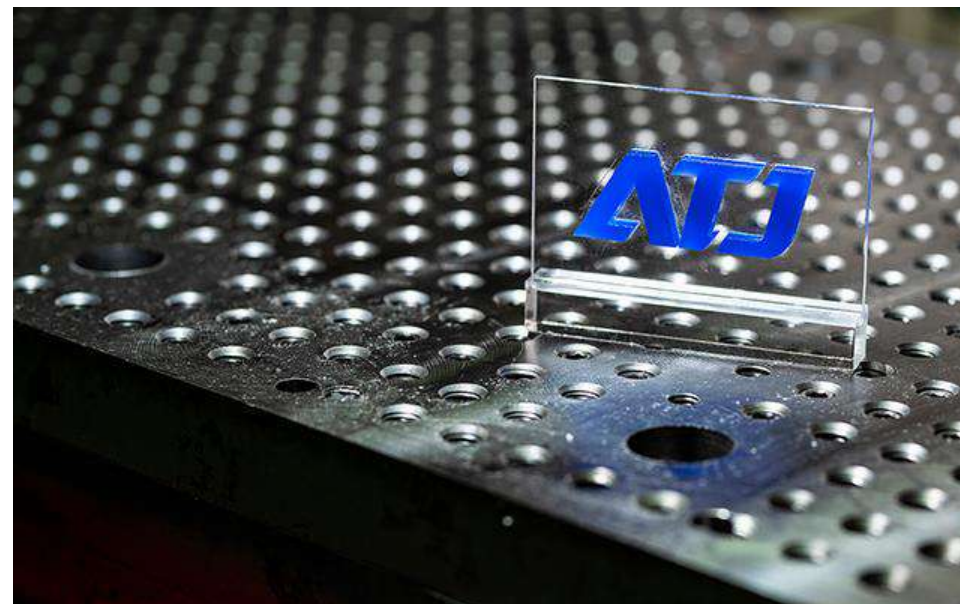
### I Overseas

Honda R&D Asia Pacific Co., Ltd.  
Honda R&D Southeast Asia Co., Ltd.  
Honda Cars India Limited  
Honda R&D (India) Pvt. Ltd.  
本田技研科技（中国）有限公司  
Honda R&D Americas,Inc.



# I HISTORY

|           |  |
|-----------|--|
| JUL, 1971 | Established Nikkon promotion corp. by Honda R&D' request, and started undertaking driving tests and quality control of automobiles / motorcycles     |
| MAY, 1973 | Changed name to Auto Technic Co.,Ltd. in Asaka-shi, Saitama  |
| APR, 1979 | Established Auto Technic Co.,Ltd. Tochigi Office, and started undertaking durability driving tests at requests of Honda R&D Co., Ltd. Tochigi Center |
| JUL, 1982 | Established Auto Technic Tochigi Co.,Ltd. as a spin-off from Auto Technic Co., Ltd. Tochigi Office in order to specialize testing operations         |
| APR, 1983 | Completed the new office building for Auto Technic Co., Ltd. in Haga-gun, Tochigi  |
| MAY, 1989 | Changed name to Auto Technic Japan Co., Ltd.   |
| OCT, 1989 | Established Tochigi Technical Center   |
| JUN, 2006 | Established Asaka Technical Center in Saitama  |
| MAY, 2012 | Established Atsugi Business Office in Kanagawa   |
| OCT, 2013 | Established Auto Technic Americas, Inc. in the U.S.A.  |
| APR, 2014 | Established Suzuka Business Office in Mie  |
| APR, 2014 | Established ATJ Development Center No1 in Tochigi  |
| DEC, 2015 | Established SIAM AUTO TECHNIC CO., LTD in Thailand   |
| APR, 2019 | Established Hamamatsu Development Center(including Hamamatsu Technical Center)   |
| APR, 2020 | Established ATJ Development Center No2 in Tochigi  |



# Offices

Head Office



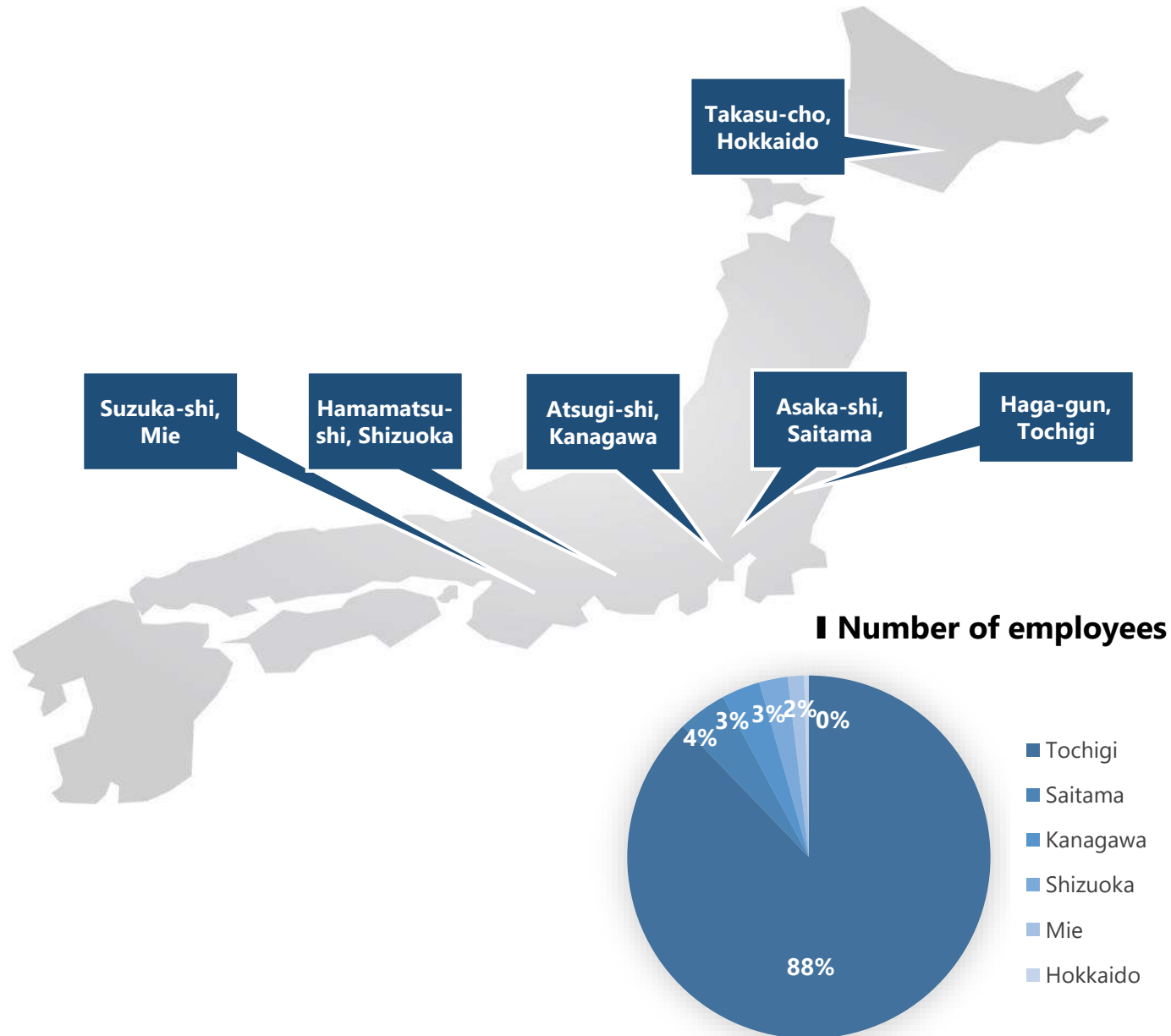
Tochigi Development Center  
(No1, 2)



Tochigi Technical Center



Hokkaido Office



Asaka Technical Center



Atsugi Office



Hamamatsu Development Center



Suzuka Office







## Tochigi Development Center



### Main equipment/facility

- Durability dynamo meter: intake air temperature (from 20℃ to 30℃)
- Dynamo meters for engine: intake air temperature (from 20℃ to 30℃) / (from -30℃ to 80℃)
- Hub-coupled 4WD chassis dynamo meter for vehicle: room temperature (from 20℃ to 30℃)
- Environmental-type 4WD chassis dynamo meter with insulation device: room temperature (from -30℃ to 50℃), Wind tunnel (opening: W2000\*H1000)
- Emission 4WD chassis dynamo meter with insulation device: room temperature (from -10℃ to 40℃)

### Main chamber/room

Test chamber: 13 (for vehicles: 3 / for components: 10) / vehicle maintenance area / disassembly & assembly, washing chamber / machining chamber

## Hamamatsu Development Center



### Main equipment/facility

- Test chamber: PTS (Equipment that evaluates performance/durability of transmission & e-Axle from engine drive)
- Battery simulator/intercooler cooling-system/ water temperature regulator for engine / temperature regulator for intake air (auxiliary equipment of PTS)
- MTS (Equipment that evaluates performance/durability of transmission from motor drive) Early detection system for failure (auxiliary equipment of MTS)
- Deflection tester that evaluates drive-system assembly and deflection force of parts using HYD servo
- Measurement chamber: high-precision measuring machine for surface roughness
- Vehicle maintenance area: in-ground lift/alignment lift/alignment tester/tire changer/wheel balancer

### Main chamber/room

Test chamber: 9 (3 chambers are used for fuel) vehicle maintenance area / thermo-hygrostat chamber / disassembly & assembly / washing chamber / inspection room / machining chamber / multi-purpose working chamber



# ■ Technical Center

## ■ Head Office Tochigi Technical Center (TTC)



### ■ Business /activities

- Disassembly / assembly of vehicles, engines, transmissions
- Disassembly /assembly of motors for automobiles
- Design / produce Jigs and other various products
- Create Cut models
- Plating & welding



## ■ Capital Region Division Asaka Technical Center (ATC)

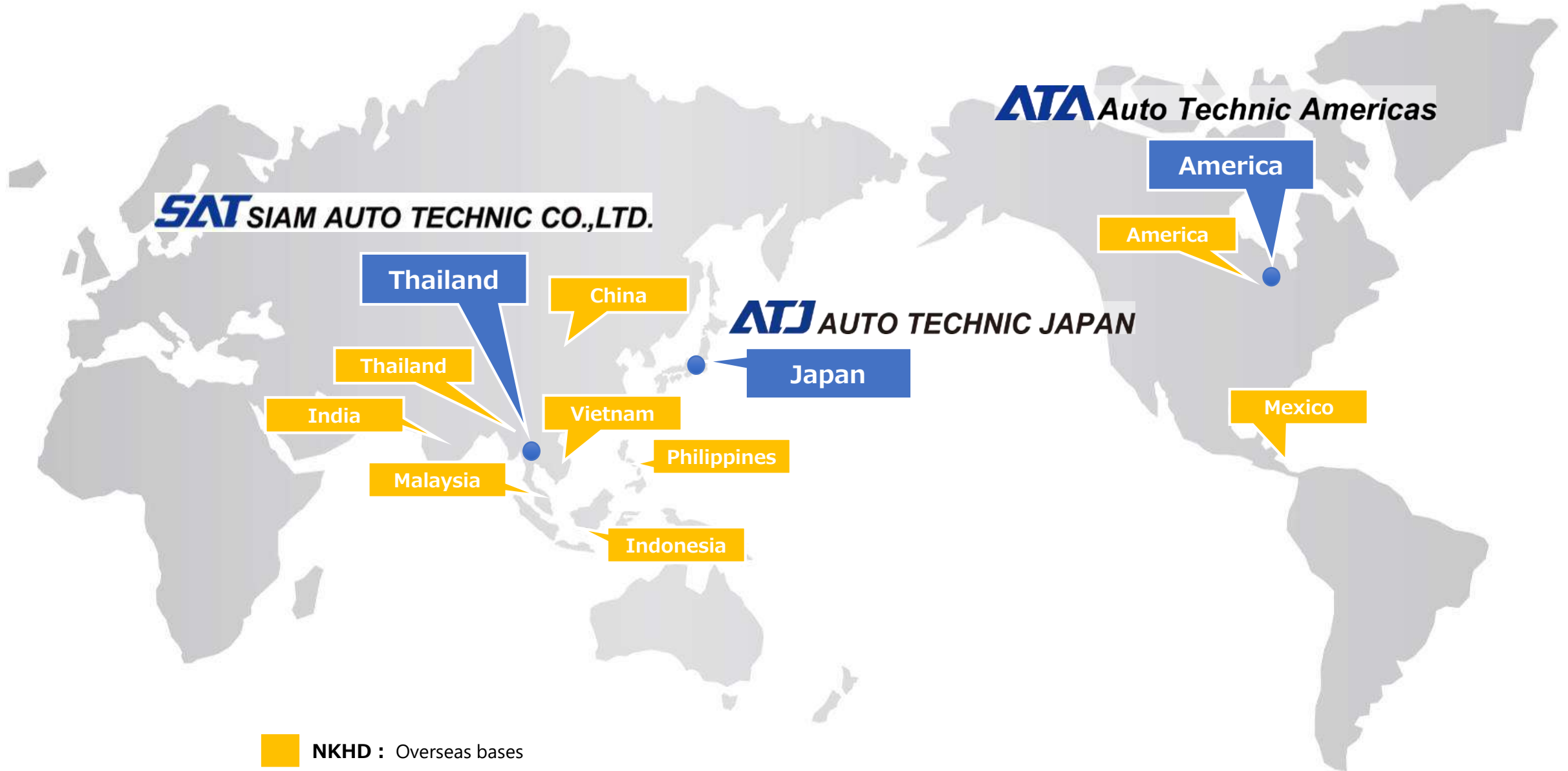


### ■ Business /activities

- Support modification of motorcycles & general-purpose machines
- Disassembly /assembly of motorcycles & general-purpose machines
- Analysis for motorcycles & general-purpose machines
- Conducting various tests







■ Company

**Auto Technic Americas, Inc. (ATA)**

■ Founding

November 1, 2013

■ Capital

200,000 USD

■ Investment ratio

NK Parts Industries, Inc. (80%)

AUTO TECHNIC JAPAN CO.,LTD.(20%)

■ Location

777 South Kuther Road Sidney, Ohio 45365(NK Parts Industries, Inc)

■ Business summary

R & D of automobiles, motorcycles, general-purpose products,  
commissioned services incidental to quality assurance

■ Number of employees

Expat: 1 / Locally hired employees: 17

■ Key customers

Honda R&D Americas Inc.





■ Company

**SIAM AUTO TECHNIC CO.,LTD. (SAT)**

■ Founding

November 2, 2015 (Business started from January 1, 2016)

■ Capital

Baht 30,000,000

■ Investment ratio

NIPPON KONPO (THAILAND) CO.,LTD (52%)

AUTO TECHNIC JAPAN CO.,LTD. (48%)

■ location

ROJANA INDUSTRIAL PARK 50 Moo 9 Tambol Thanu Amphur U-Thai,  
Ayutthaya 13210(ANI LOGISTICS,LTD. )

■ Business summary

Automobile · motorcycle · general-purpose research and development  
support and test course management, storage business related to vehicle /  
parts and incidental logistics business

■ Number of employees

Expats: 4 / Locally hired employees: 35

■ Key customers

Honda R&D Asia Pacific Co., Ltd.



# Summary of Business

## Our Services

### Category

#### Automobiles/Motorcycles and related products

Able to provide our services widely including marketed vehicles or racing car/motorcycle  
Contribute to solve our customers' problems by collecting our skills and knowledges of each division

#### Power Products

Many engineers experienced various tests(land, sea, cold/hot region) are available  
Able to solve the problems by combining driving/bench/marketability verification tests

#### Others

For the other categories/needs such as providing other tests or creating measurement devices,  
propose ideas using ATJ's own skills, technics and knowledge.



### Types of service contract

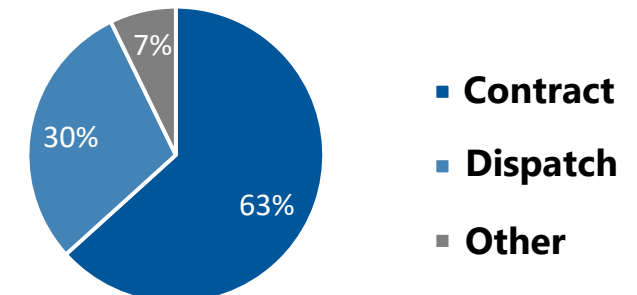
【 Outsourcing 】

Contract / Mandate

【 Dispatch 】

Worker dispatch

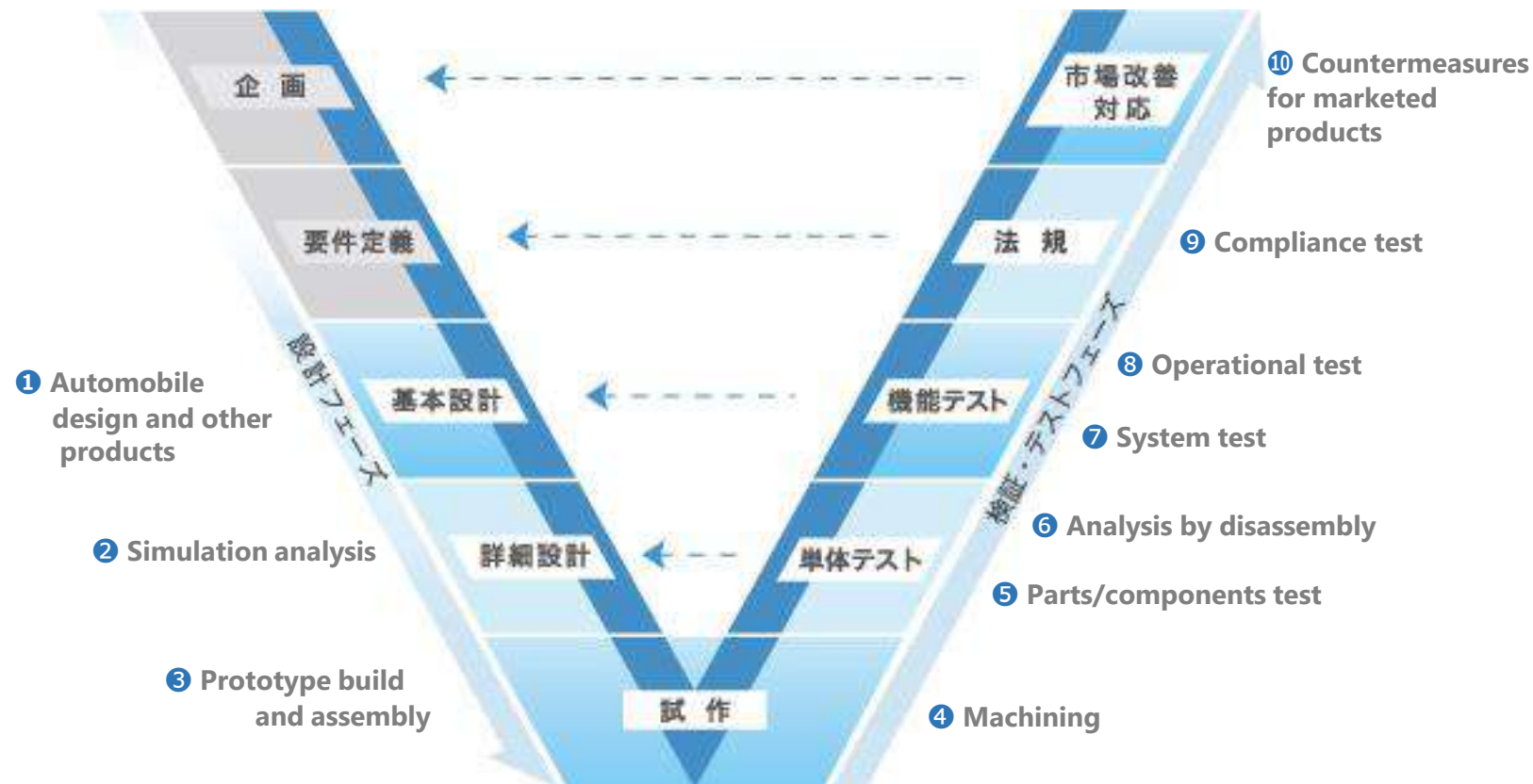
### Ratio of contract types





## Service Category

ATJ's strength is to meet all needs flexibly by combining our experienced engineers, service branches in the world, and various test equipment.

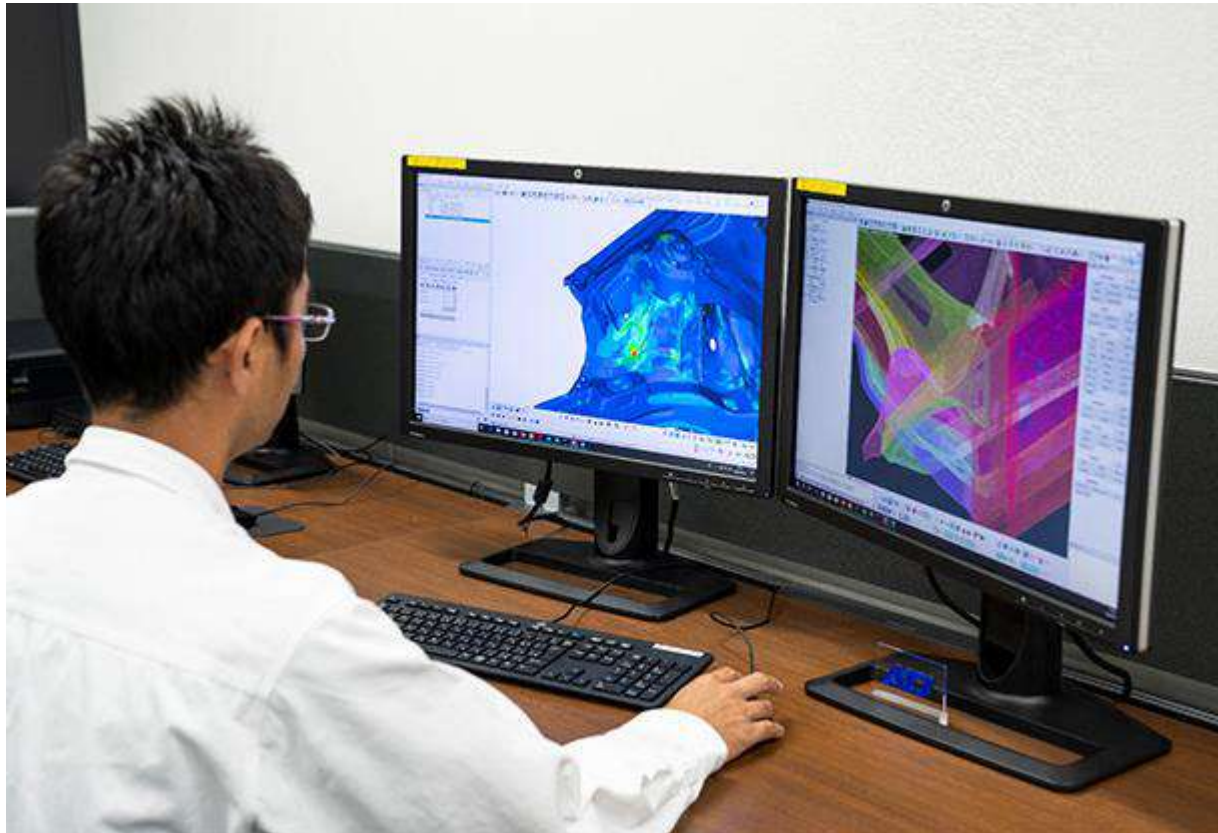


- ① Automobile design and other products
- ② Simulation analysis
- ③ Prototype build and assembly
- ④ Machining
- ⑤ Parts/components test
- ⑥ Analysis by disassembly
- ⑦ System test
- ⑧ Operational test
- ⑨ Compliance test
- ⑩ Countermeasures for marketed products

## Summary of Business

### Automobile design and other products

### Simulation analysis



### Automobile design and other products

#### Parts for mass production/proto-type/testing, fixtures for mold, piping, wiring, body, chassis

We design high-functioning components of the power-train, engine, transmission, exterior and interior. We also design special testing jigs. Our Design & Analysis team aims to create the optimum result for our customers including visual appearance and weigh/cost reduction.

### Simulation analysis

#### Analysis of static/eigenvalue/response/fluid

Using cutting-edge technology, we provide high-precision operational analyses such as strength, vibration, mechanism, etc. We work diligently to provide timely results and validate our results are meeting our customers' needs.



## Summary of Business

### Prototype build and assembly

### Machining



### Prototype build and assembly

#### Vehicle body/engine/transmission/motor

We build prototypes of engines, transmissions and other structures of motors and vehicle bodies. Our engineers' wide base of skills and experience allows them to assemble these prototypes with meticulous precision.

### Machining

#### Modifying parts & components/creating fixtures and cutaway model

We support creation ("Monozukuri"), the spirit to produce not only excellent products but to constantly improve the production system and its processes. We listen to our customers' requests and ensure we focus on the creation ("Monozukuri") when rendering drawings, fabricating parts and machining final products. We recognize machining requires strict standards and precision to meet our quality assurance. ATJ's experienced engineers deliver that level of quality.

## ■ Summary of Business

### ■ Parts/components test

### ■ Analysis by disassembly



### ■ Parts/components test

■ Functional tests, performance evaluation, durability tests, fatigue tests, measuring noise & vibration for engine/transmission/motor/gear/suspension

We implement tests that include: numerous measurements, durability/strength engine checks, driving alignment or steering alignment, suspension and braking, etc. At the ATJ Development Center, we utilize exclusive transmission tests and analyze our results to contribute to higher quality products.

### ■ Analysis by disassembly

■ Analysis by disassembly for engine/transmission/motor/gear/suspension

We disassemble test products, test parts and mass-production products to study the longevity of the part as well as any failure modes. If a failure does occur, our experienced engineers thoroughly review the product to determine the root cause.



## Summary of Business

### System test

### Operational test



### System test

**Performance tests for brake/operation stability/power/air conditioning, and benchmark tests for drive-system/noise & vibration/electric parts, disassembly and reassembly**

We execute many high precision tests to ensure environmental, safety and efficiency meet both our standards and our customers' standards. By doing so, we not only meet our customers' needs, but we also apply our research & development experience to provide added value to the product. Environmental-type chassis dynamo was equipped in ATJ development center, and it is used various bench test using actual vehicles.

### Operational test

**Driving/riding/traveling tests(verifying performance, compliance/durability tests)**

**Verification for ADAS/automated vehicle operation/public road drive**

Our drivers/riders complete multiple test drives under various conditions to verify the vehicle's performance and operation. The acquired data is promptly delivered to our customers' R&D program.



## Summary of Business

### Compliance Test

### Countermeasures for marketed products



#### Compliance tests

Compliance tests(emission/fuel consumption), support for the exam by certification authority(CBU/components)

Regulation values of compliance exam are getting strict and updated frequently. Our engineers, who have highly skills and knowledges implement hi-precision tests and provide reliable data.

#### Countermeasures for marketed products

Analyzing problems of marketed products/rebuild

For the problems occurred with marketed products, our experienced engineers analyze using our skills/viewpoints, and provide countermeasures. We can provide rebuilding for transmission.



## consignment business

### Consignment of low and high temperature vehicle environment tests

At Tochigi development center, we introduced an environment type equipment that is adaptable for low and high temperature and enables various types of tests such as tests for power train conformity and durability tests.

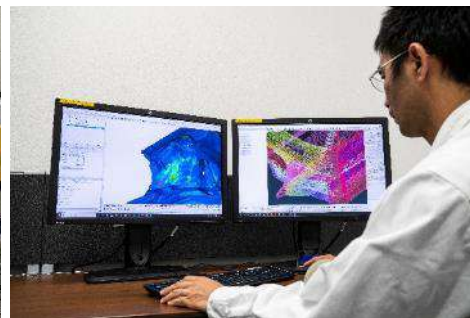
With our experience and knowledge on engine research and development, we can propose the most suitable engineering service for our customers.

### Consignment of e-Axle tests

At Hamamatsu development center, we have a high capacity battery simulator that can be controlled from low pressure to high pressure, that enable us to meet various needs on electric drive unit development field.

### Consignment of CAE analysis

We can provide proposals and verifications for evaluation methods by CAE, and analysis trials with the softwarers that we own. We can consign anlysis according to specified requirements when resource is lacking.





## Summary of Business

## Manufacture and sales



### Test equipment design / production

We propose / create custom-made jigs and equipment based on the customer's request for testing.

Also we produce / sell general-purpose testing equipment, sensors and measurement devices as well as general equipment /sensors related to testing.

### Simple accelerometer "G-meter"

Easy-attaching/operating. For the test driving, no complicated setting are needed to use.

### Wheel rotation measuring instrument "Pulse Sensor"

Easy-installation by using our original development, "COLLET CHUCK system" and "PCD MULTI-PLATE function".

### GPS Speed Meter

Easy-to-check vehicle measuring product with output with "cigar socket" and "analog voltage".





## Motor Sports

### SUPER GT GT500class

Machine maintenance / engineering / management

ATJ challenges Motor Sports which have severe competition of technology development aiming at improving our skills as well as creation of new corporate culture.  
The source of our skills come from ourselves.  
Improving challenging spirit and necessity of teamwork through Motor sports, we develop well-balanced engineers.







## Motor Sports

### Team ATJ

**MFJ SUPERBIKE JSB1000**

**SUZUKA 8HOURS**

**ENDURANCE WORLD CHAMPIONSHIP**

Managing racing team

Machine maintenance

ATJ challenges Motor Sports which have severe competition of technology development aiming at improving our skills as well as creation of new corporate culture.

The source of our skills come from ourselves.

Improving challenging spirit and necessity of teamwork through Motor sports, we develop well-balanced engineers.





### Contribute to our local community



### Trial Demonstration Run

Trial demonstration run for the events at our local community

### Training Courses for Safety Driving Skill

For Safe driving / traffic safety driving skills as well as dispatching instructors



# Summary of Club Activities



ATS (Auto Technic Sport)



Suzuka Motor Sport Club



Jet Sports Club



Atsugi Racing



ATS Asaka



Eco-Run Club



Mini 4WD Club



Music Style



Baseball Club



Golf Competition



RUN! Club



Futsal Club



Social gathering/Pottery



Social gathering/Sports meet

Motor Sports

Mecha(mechanism) + α club

Culture Club

Sports club

Support our employees' activities to fulfill their potential focus on their capabilities.  
All employees share joy and happiness through club activities established by employees themselves.

# Corporate Social Responsibility

## I 01. NIKKON Holdings Co., Ltd. Basic principles of NIKKON group

We create "Share the environment", "Share the worth" and "Share the joy" in advance through business logistics with global viewpoint, and we all contribute to the prosperity of society.

## I 02. Compliance

We comply with our internal rules and social ethics, laws and regulations in our business.

## I 03. Internal controls

Based on our basic policies, business ethics and law observance, we design and operate the internal systems aimed to ensure business transparency and health.

## I 04. Occupational safety and health

Our first priority is human life. We introduce the occupational safety and health management system (OSHMS) and risk assessment in order to keep our work place safe and comfortable. We work positively for the safety health activities by continuous improvement.

## I 05. Environmental policy

We think "Global environment maintenance " through healthy business activities is an extremely important. We work for the environment at improvement activities continuously in order to realize the society in harmony with the environment.

## I 06. Our diversity

We are working together with diversity of people who can work by using their abilities and characteristics.

## I 07. Contribute to our local community

We are diligently working on the activities to contribute to our local community aiming at living/prospering together with our local community.



## I Efforts to achieve SDGs

We contribute to achieve SDGs through our various corporate activities.

- For the environment
- For health and safety
- Human resource development
- Job satisfaction

Notes: Please refer to our website for the details of our efforts.

SUSTAINABLE DEVELOPMENT GOALS





## ■ Inquiry

If you have any questions or concerns, please contact us.

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