



SHIN TAE YANG CORP.



SHIN TAE YANG CORP.

World Best Quality!

—
A leader in precision machining of automotive parts,
preparing to become a key strategic business for the
industry of the future.



—
Cheonan Factory

154-14 Seonjin-ro, Jiksan-eup, Seobuk-gu, Cheonan-si, Chungnam, Korea
TEL 041-585-9571~2 | FAX 041-585-9570

Hwaseong Factory 1

39 Sinyang-1gil, Paltan-myeon, Hwaseong-city, Gyeonggi-do, Korea
TEL 031-353-9571~2 | FAX 031-353-9570

Hwaseong Factory 2

899-159, Beodeul-ro, Ujeong-eup, Hwaseong-si, Gyeonggi-do
TEL 031-353-9523 | FAX 070-8220-0235

World Best Quality!

Greetings from the CEO

Succeed together with Shin Tae Yang Corp., a global leader in the 21st century automotive precision machining industry that encompasses the present and the future. As “a company that is changing the future with its creative thinking,” Shin Tae Yang Corp. is there for you.

Since its establishment in 1987, Shin Tae Yang Corp. has contributed greatly to the development of the domestic and overseas automobile industries through ceaseless research and investment to produce the best precision machined parts for automobiles.

01. A company dedicated to continuous research and development

Since the establishment of our company under the name of Shin Tae Yang Corp., we have been contributing to the development of the auto parts industry through our unceasing research/development and investment in the field of precision machining of auto parts and our use of the best precision machining technology found in Korea.

02. A company that puts the greatest priority to be customer-centric.

Shin Tae Yang Corp. is continuing to develop and grow day by day with the trust and confidence of its customers by using the best precision machining technology to produce products suited to the customer's needs.

03. A company that contributes to the development of human society

All employees at Shin Tae Yang Corp. will faithfully practice the management ideology of contributing to the development of human society as well as improving the welfare of all stakeholders.

Park Yong-bok, CEO of Shin Tae Yang Co. Ltd

Business Philosophy



Challenges and Pioneering

Creating a world-class product built on talent and technology



Contribution

Creating values that contribute to the development of human society



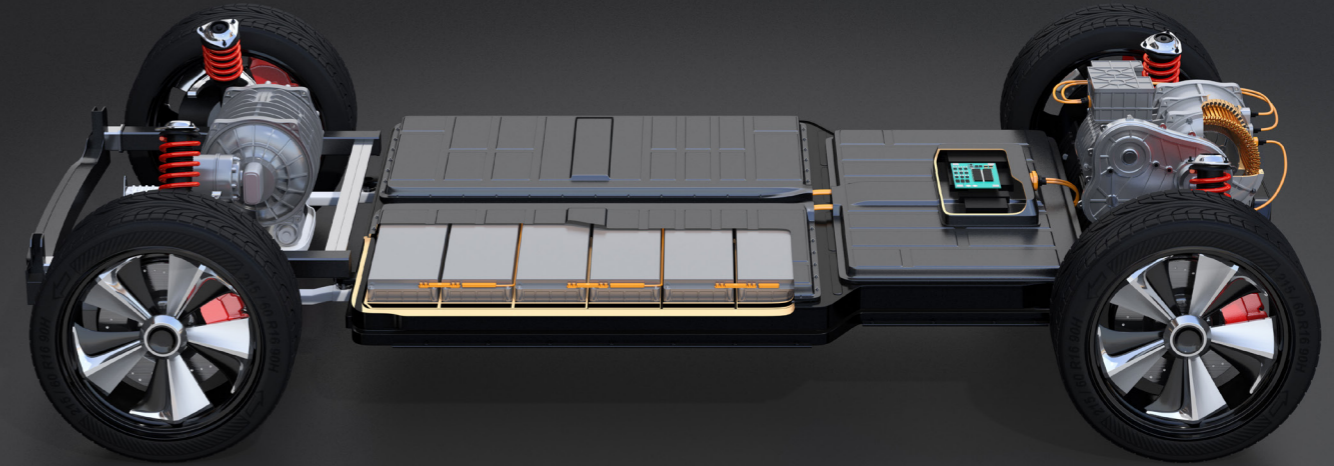
Happiness

Creating values that satisfy employees and customers.



Company History

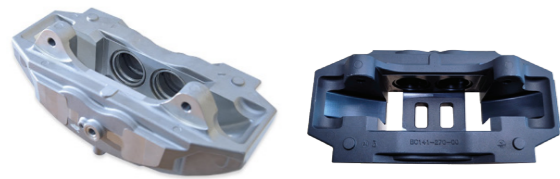
- 1987.03.** Company established as Taeyang Machinery → Name changed to Shin Tae Yang Co. Ltd. (Hwaseong-si, Gyeonggi-do – Corporation Registration)
- 1999.05.** Supplied compressor CRANK SHAFT to Denso Bus (formerly Poongseong Electric)
- 2001.05.** Supplied bus compressor CRANK SHAFT to Doowon Heavy Industries & Construction
- 2001.10.** QS9000 Certification (DAS Certification)
- 2005.12.** TS/ISO 16949 Certification
- 2008.03.** First mass production of NS COMP ASSY (exported to China)
- 2009.07.** Approved delivery of NS COMP ASSY, Donghwan Industrial Supply (Daewoo Bus Application)
- 2010.02.** Construction of Cheonan Plant
- 2010.06.** Developed and mass-produced Metaldyne BALANCE SHAFT
- 2010.08.** Mass production of Myunghwa Industrial 6-speed O/P housing and 7-speed RXO housing (JATCO)
- 2013.06.** Expansion of Cheonan Plant
- 2013.10.** Mass production supplied to Myeonghwa Industrial for their proprietary BALANCE SHAFT
- 2015.09.** Inno-Biz Certification
- 2015.12.** Certified as a venture business
- 2015.12.** Mass production of AAM GM BSM ASSY
- 2017.12.** Mass production of GAMMA IVT SUPT I/SHAFT COVER supplied to Myunghwa Industrial
- 2018.08.** BSM B/SHAFT Line 1 and Line 2 Grinding Process
Establishment of logistics automation system between machining processes that utilize gantry-type robot system
- 2019.04.** Mass production of Theta-3 BSA BALANCE SHAFT supplied to Myunghwa Industrial (800,000 units)
- 2019.07.** BSM B/SHAFT Line 3 and Line 4 Grinding Process
Establishment of logistics automation system between machining processes that utilize gantry type robot system (selected as a government-supported project)
- 2019.10.** GAMMA IVT SUPT I/SHAFT COVER
- 2020.02.** Mass production of front wheel 8-speed wet DCT HP EOP (Electric Oil Pump)
- 2021.01.** Obtained an order to mass produce four types of CVVD parts for the G1.6 T-Gdi engine (600,000 units)
- 2021.02.** Background for the Construction of the Automated System
Created a ROBOT LOADER automation system between the processing and production processes
- 2021.10.** CVVD LIFTER HOUSING Honing Process
Created a ROBOT LOADER automation system between the processing and production processes (selected as a government-supported project)
- 2021.11.** Utilization of a grinding process gantry type robot system on CVVD GUIDE SHAFT Line 1 to create the logistics automation system between machining processes
- 2021.11.** BSM B/SHAFT Line 1 and Line 3 Cutting Process
Establishment of logistics automation system between machining processes that utilize gantry type robot system (selected as a government-supported project)
- 2021.12.** BSM B/SHAFT Line 4 Cutting Process
Establishment of logistics automation system between machining processes that utilize gantry-type robot system
- 2022.02.** CVVD GUIDE SHAFT Line 2 Grinding Process
Establishment of logistics automation system between machining processes that utilize gantry-type robot system
- 2022.03.** Issuance of a certificate of designation that recognizes companies specializing in ppuri technology (ultra-precise machining technology based on 5-axis machining center)
- 2022.04.** BSM B/SHAFT MCT Process
Establishment of an unmanned processing system that uses a 7-axis multi-joint robot (selected as a government-supported project)
Government support: The Smart Factory and Korea Robot Industry Promotion Agency has completed the establishment of LINE, a process automation system for selecting manufacturing innovation projects that utilizes robots.
- 2022.04.** Government Support: The Korea Robot Industry Promotion Agency has completed the establishment of LINE, a process automation system for selecting manufacturing innovation projects that utilizes robots. (Selected as a government-supported project)
- 2022.08.** Obtained an order to mass produce one million units of Mando IDB2 Mounting Block (electric vehicle)
- 2022.08.** Certified as a company that specializes in material parts and equipment by the Korea Institute of Industrial Technology Evaluation and Management



Braking Parts

Monoblock Housing M/C (4 Piston)

Capable of storing and transferring hydraulic pressure.



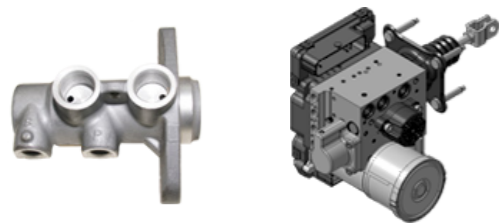
IDB2 MOUNTING BLOCK (Electric Vehicle)

A cylinder that initially produces hydraulic pressure by pressing on the pedal of the braking device (which creates pressure on each brake circuit) and quickly cutting the circuit pressure when released.



Master Cylinder M/C

It is a cylinder that first produces hydraulic pressure by pressing the pedal of the braking device, forming pressure on each brake circuit and quickly extinguishing the circuit pressure when it is released.



Housing M/C (1 Piston)

Capable of storing and transferring hydraulic pressure.



Mounting Plate M/C

Capable of supporting the torque of the brake shoe and preventing lifting.



FRT CYLINDER Housing M/C (1POT, 2POT - Commercial Use)

A brake device that stops the vehicle by using the friction between the disc and the pad.



W/CYL BODY (Commercial Use)

Capable of storing and transferring hydraulic pressure.



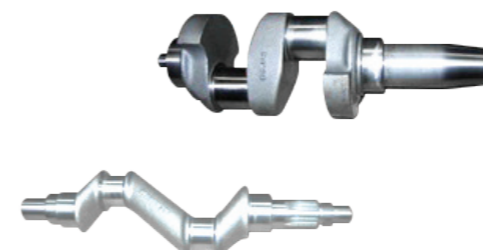
BRIDGE M/C

Capable of supporting the pad by mounting it on a detachable housing.



CRANK SHAFT

A device that converts reciprocating motion into rotational motion (Accessories that penetrate the center of the front gear. When fixed directly, it become shafts that penetrate the frame to secure the left and right cranks.)



CRANK CASE

A case that contains the crankshaft of a reciprocating cooler (Made out of high-grade cast iron, it stores lubricating oil and is equipped with an oil level gauge.)

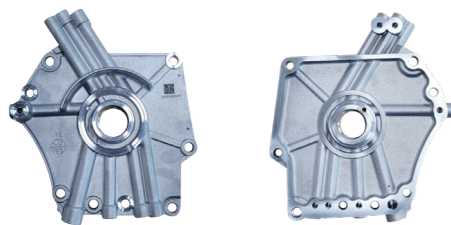




Engine Parts

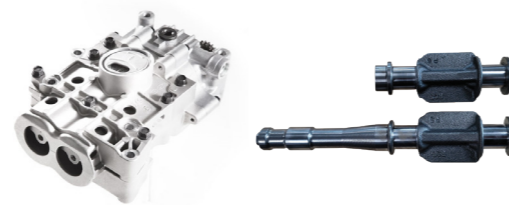
GAMMA IVT INPUT SHAFT COVER

Engine part for continuously variable transmission that increases efficiency by expanding the damper's direct hit area for torque converters equipped with a low-rigidity damper. (Utilizes a high-precision direct solenoid to achieve clutch precision control while simultaneously using the ISE (IDLESTOP&GO) function to improve fuel efficiency)



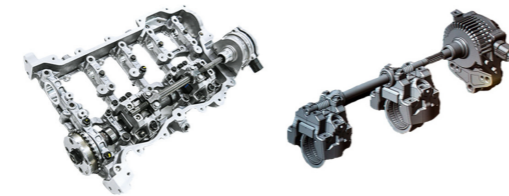
BSA BALANCE SHAFT

Not only does this oil pump minimize the vibrations resulting from the unbalanced rotational and reciprocating forces in the engine, but it is also capable of being integrated into the oil pump.



3 Types of Pars for the CVVD Lifter Housing Assembly

By freely controlling the opening time (duration) of the intake valve, engine performance and fuel efficiency can be simultaneously improve while reducing emissions.



Gearbox Parts

OIL PUMP Housing

As a source of hydraulic operation within the transmission, it is capable of lubricating and supplying oil to the automatic transmission through the rotation of the internal gear.



Automotive Electronics

4 Types of Parts for the Front Wheel

8-Speed Wet DCT EOP (Electric Oil Pump)

As an oil pump powered by an electric motor, it is capable of providing pressure and flow to the system as needed.



BUS AIRCON COMPRESSOR ASS'Y

NS Compressor

- For air conditioners in buses (city bus, tour bus)
- Power Pack Type / Sub Engine Type (Standalone air conditions are equipped for use in the Middle East, South America, South Africa)
- Refrigerators for refrigeration trucks (for medium to large trucks weighing between 2.5 to 11 tons)
- Cold storage (freezer, refrigeration)



Miscellaneous Parts

Archery Bow - Plate Handle (Carbon Rim)



GOLF CLUB_Putter head



BD PJT: 2 Types of Parts for Hyundai Motor's Robot Dog, "Spot"

