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Overseas Factory : Tianjin Youngwan Auto Parts Co., Ltd.
(天津永焕汽车配件有限公司)
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www.youngwan.com



A Cold-Forged Product Specialist



Welcome to Youngwan

As an automobile part specialist, Youngwan offers its best efforts, even to the smallest component, to bring customer satisfaction to fruition.

We product machine parts and special cold-forged products for automobiles.

Since founded in 1985, Youngwan has continued to grow in the automobile industry as a cold-forged product specialist over the past 30 years.

Focusing on automobile braking and steering components, Youngwan, with its innovative and pioneering spirit, has contributed to the technological development of precision asymmetric cold forging industry.

Notable products include key functional components for the brake system such as Ball in Ramp (BIR) Caliper components and Motor on Caliper (MOC), and key components of the steering column system, which all are manufactured through a cold-forging process.

Youngwan will continue its journey by focusing its resources to develop future core components with its outstanding original technology accumulated over the 35 years of experience in the cold-forging industry, and its differentiated integration of precision forging, machining and assembly processes.

From cold-forging products to automobile components, Youngwan demands itself to provide only the best products, and will continue to provide only the best products through restless technological development and ruthless quality management. It is time for you to meet your partner for success, Youngwan.



Business Philosophy and Core Value



Business Philosophy

Culminating with the balance between stability and growth



Business Principle

Customer respect, Technological independence, Fundamental-oriented, Thrive for Change



Business Philosophy

Youngwan offers opportunities and motivation to its employees fulfill each individual "Dream", where the accumulative dreams of each member culminates in achieving the goal of the company

◎ Korea HQ



◎ Overseas Factory (Tianjin, China)



Youngwan, we give our best efforts as
your partner for growth



Company History

- Oct. 1985** Founded as "Youngwan Precision"
- Jul. 2002** Incorporated to Youngwan Co., Ltd.
- Jul. 2003** Certified for ISO/TS 16949 Quality Management Systems
- Dec. 2006** Relocated to new facility in Sihwa industrial complex
- Jul. 2007** Founded R&D Center
- Nov. 2008** Certified for ISO 14001 Environmental Management Systems
- Jan. 2011** Commissioned dedicated assembly line for MOC
- Apr. 2013** Obtained "Superior" Grade of HKMC SQ-Mark [Hardware Forging]
- Jun. 2013** Selected as Excellent SQ Partner of HKMC
- Jan. 2014** Won Best Partner Prize from Namyang Nexmo
- Sep. 2014** Certified for OHSAS 18001 Health & Safety Management System
- Jan. 2015** Selected as Excellent Innovative Partner from Mando Corporation
- May. 2015** Selected as Global Leading Company by Korea Industrial Complex Corporation
- May. 2016** Selected as Solid Company by Mando Corporation
- Sep. 2016** Founded China corporation [Tianjin Youngwan Auto Parts Co., Ltd.]
- Sep. 2016** Selected as Root Technology Specialist by Korea National Ppuri Industry Center
- Nov. 2017** Won KCCI Chairman's Award at Innovation Winners Award [Korea Chamber of Commerce and Industry]
- Nov. 2017** Recognized for contribution in material / components developments by Minister of Trade, Industry and Energy
- Dec. 2017** \$5 Million Export Tower / Prime Minister Award for contribution in trade promotion
- Oct. 2018** Selected as friendly ppuri company by Korea National Ppuri Industry Center
- Oct. 2018** Certified for IATF 16949 Quality Management Systems
- Jan. 2019** Selected as Youth-friendly Strong and Small Company by Ministry of Employment and Labor
- May. 2019** Selected as Global Strong and Small Company by Ministry of SMEs and Startups
- Sep. 2019** Commissioned mass production in China [Tianjin Youngwan Auto Parts Co., Ltd.]

Certificates & Accolades



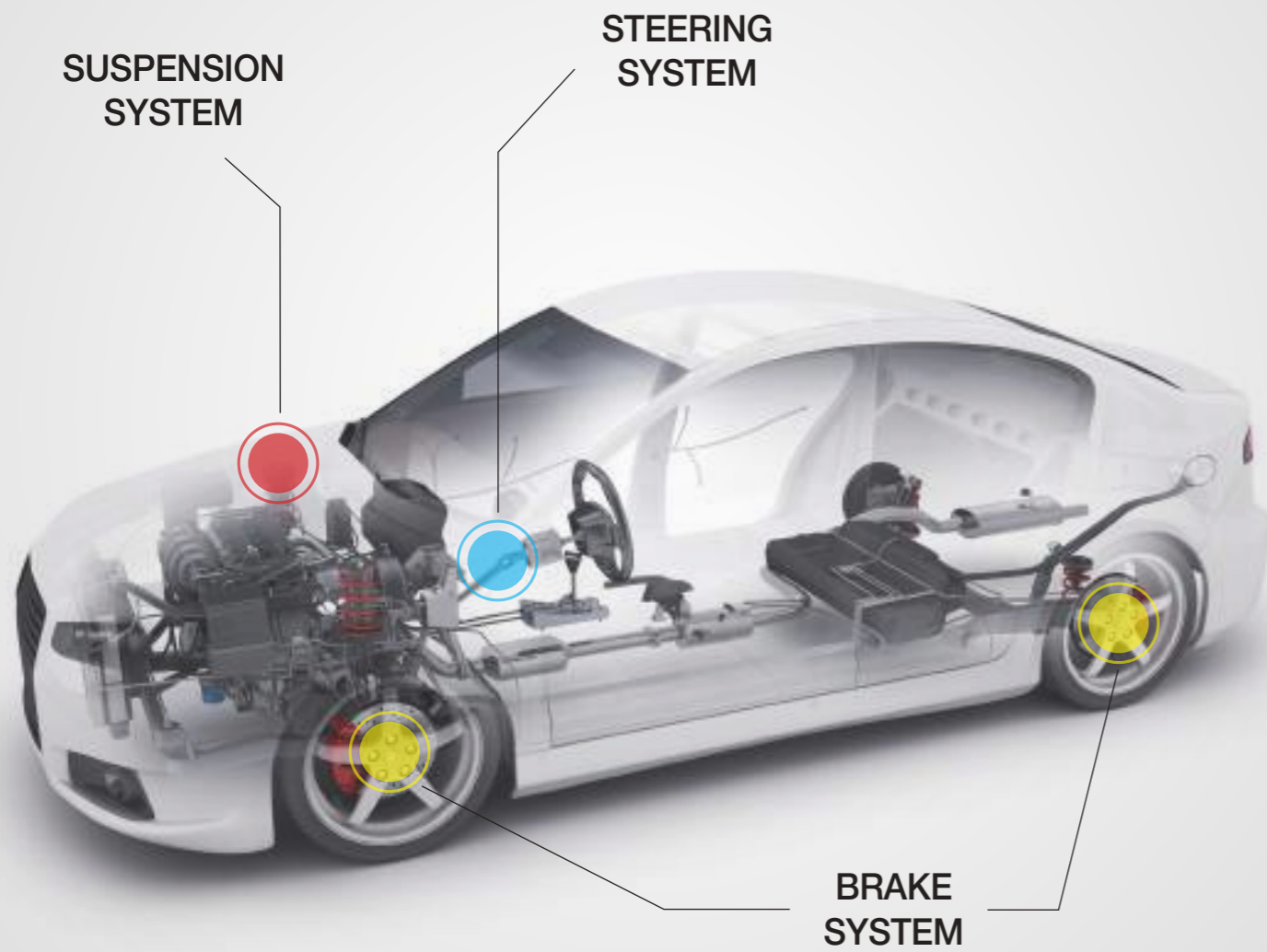
Global Strong and Small Company [MSS] Certificate of Material & Component Specialist [MOTIE] Certificate for Technological Innovation Oriented SME (Inno-Biz) Certificate for Management Innovation Oriented SME (Main-Biz) Certificate for Company Affiliated Research Institute



Prime Minister Award Minister Award \$5 Million Export Tower Mando Excellent Cost-Competitiveness Partner Best Partner Prize from Namyang Nexmo

BRAKE SYSTEM & STEERING SYSTEM

Key Products



BRAKE SYSTEM

M.O.C (Motor On Caliper)



© Nut Spindle



© Spindle



© Sub-Assembly



B.I.R (Ball In Ramp Caliper)



© Ramp/Op Ramp



© Adjuster / Push Rod



© Sub-Assembly



BRAKE SYSTEM

ABS Brake Parts



© Mounting Bush



© Armature



© Magnet Core



Master Cylinder & Booster Parts



© Output Rod / Adjusting Screw



© Input Rod



BRAKE SYSTEM

Drum Brake Parts



© Anchor Pin



© Sensor Bracket



© Shoe Hold Down Pin



Hybrid Parts



© Holder



© Spring Retainers



STEERING SYSTEM

Column Assembly



◎ Lever Tilt Assembly



◎ Shaft Tilt



◎ Key Lock



◎ Inner Shaft



Steering Column Parts



◎ Input / Output Shaft



◎ Ball Stud



SPECIAL FORGING

Special Forging Parts & Others



◎ Gear & Tilt Bolt Parts



◎ Shaft Parts



◎ Special Forging Parts



◎ Bolts & Nuts



◎ Bearing Parts



Local & Overseas Facilities

Korea HQ (Siheung, Gyeonggi)



Overseas Factory (Tianjin, China)



Patents & Quality Certificates



Method of Manufacturing Nut Spindle of Electric Parking Brake System



Apparatus for Measuring Operating Ramp and Ramp of BIR Type Brake for Vehicle



Method of Manufacturing Push Rods for Automobile Brake System



Integrated Anchor Pin of Drum Brake



Steering Wheel Lock Ring and Manufacturing Method Thereof



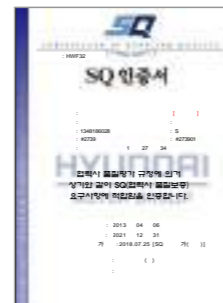
IATF 16949



ISO 14001



OHSAS 18001



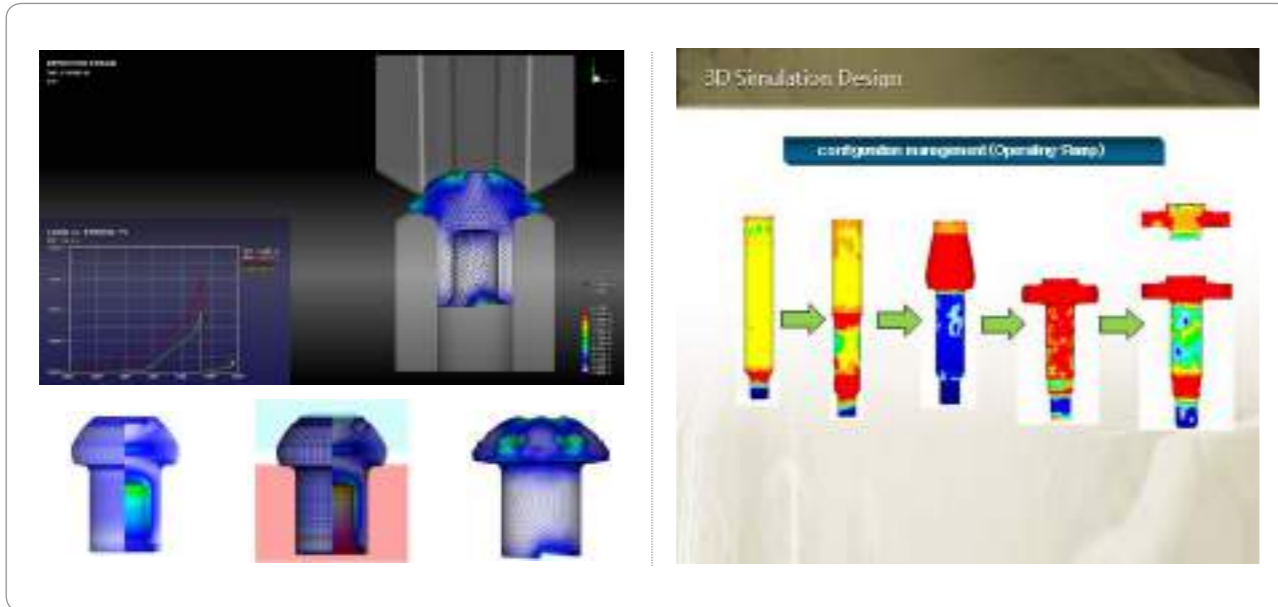
SQ Certificate



Excellent SQ Partner

R&D

The R&D department verifies the engineering quality through engineering simulations, which allows Youngwan to obtain the best forging technology in the world.



Measuring Devices

The laboratory of Youngwan is equipped with reliability testing devices and shape measuring devices, that offers an in-house system to verify quality of every product.



UTM



Plating Thickness Tester



Micro Vickers Hardness Tester



Rockwell Hardness Tester



BIR Inspection Machine



Coordinate Measurement Machine



Non-contact Contracer



Contracer



Projector



Surface Roughness Tester