

History

- 1990. 7 Established Daeji Metal Co., Ltd.
- 1991. 4 Developed and started supply of Exhaust System for Daewoo light passenger cars (Technical Support from Sankei Giken Kogyo, Japan)
- 1992.12 Developed and started the supply of Air Cleaner Assembly for Daewoo light passenger cars
- 1995. 7 Developed and started the supply of Air Filter Element for Daewoo 1,500-2,000cc passenger cars
- 1998. 2 Developed and started the supply of Exhaust System & Air Induction System for Daewoo Matiz
- 2000. 7 Developed and started supply of Exhaust System & Air Induction System for Daewoo Matiz II
- 2002. 7 Established the #2 plant in Gimhae City
- 2005. 4 Moved to New R&D Center in Songdo Techno Park, Incheon City
- 2005. 6 Developed and started supply of DPF (Diesel Particulate Filter) to SK Corporation
- 2005. 11 Technical Assistance Agreement for Air Induction System with Toyo Roki, Japan
- 2006. 5 Developed and started of the supply of 3.2L Pup Converter for GMDAT WINSTORM
- 2007. 3 Established the second plant in Eumseong
- 2008. 1 Developed and supplied SCR muffler to TATA Daewoo/Daewoo Bus (The first in Asia)
- 2008. 4 Developed and started supply of Exhaust System for GMDAT Damas and Labo
- 2008. 9 Started development of CEM for LNG and Diesel bi-fuel commercial truck
- 2008.10 Started development of Partial DPF for commercial truck
- 2008.11 Developed and started supply of FUCHINO 2 class P-DPF After-treatment Device
- 2009. 3 Development Diesel LNG bi-fuel Engine remodeling CEM System of TEMS
- 2010. 6 Awarded for US EPA TIER-4 FINAL G2(1.8L) DPF Project for Bobcat Construction Equipment
- 2010.12 Awarded for US EPA TIER-4 FINAL G2(3.4L) Project DPF+SCR for Bobcat Construction Equipment
- 2011.11 Awarded as supplier of Air Induction System for GM Korea SUV Vehicle (D2lux project)
- 2012. 4 Developed and started supply of B10 GenII (M350) Maniverter to GM Korea
- 2012.5 Developed and started supply of LB-B (Mini bus 3,800cc) Air Induction System to Daewoo Bus
- 2012. 7 Awarded as supplier of EURO-6 CNG After-treatment [OC+SCR] for Doosan Infracore
- 2012.10 Awarded as supplier of aftermarket muffler for ACDeIco
- 2013.1 Awarded as supplier of EURO-6 CNG After-treatment agricultural vehicle for Doosan Infracore



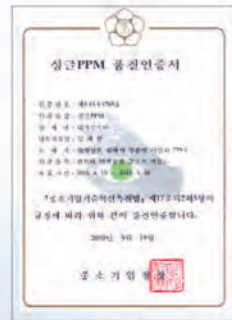
ISO 14001



TS 16949



TS 16949



Single PPM





Daeji Metal Co., Ltd.

Daeji Metal Co., Ltd. (Head Office & Factories)

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A photograph of an industrial welding process. A robotic arm is positioned at the top, with a bright light and a shower of orange sparks emanating from the point of contact between the welding torch and the metal workpiece. The background is a dark, industrial setting with some structural elements visible.

www.daeji.co.kr

Daeji Metal

Automotive Exhaust Systems
Air Induction Systems
Catalogue



Daeji Metal Co., Ltd.

CEO's Greetings

Daeji Metal has been creating customers' value continuously since its establishment in 1990 with the specialized production of eco-friendly automotive parts, air induction & exhaust system products.

Today, we have succeeded in developing and commercializing of air induction system and diesel exhaust gas after-treatment devices(DPF, DOC, SCR) applicable for the mid and large sized commercial vehicles as well as heavy construction and agricultural equipment through continuous R&D and quality innovation activities besides to the air induction & exhaust system for passenger cars. We are making every effort in diversifying business field as eco-friendly corporate by enlarging diesel and natural gas after-treatment systems to meet global environmental standards and developing markets for the new products.

All of Daeji Metal's employees give their words to make continuous efforts for customer's satisfaction using the best quality and advanced technology. We will do our best to be the world-class company that can get trust from our customers by developing and supplying eco-friendly technologies and products.

Thank you.

Chairman & CEO *Hea-samKim*



01 Manufacturing Facilities



• Eumseong Plant #1

DAEJI METAL is operating three sites of manufacturing facilities in Eumseong & Gimhae, including an affiliate company, Daeji Corporation, to produce air induction systems as well as automotive exhaust and emission control products and solutions of various types of passenger cars, commercial vehicles and construction equipment to serve for the customers worldwide.

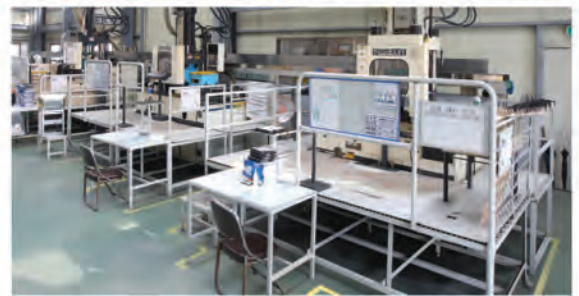


• Gimhae Plant



• Eumseong Plant #2 (Daeji Corporation)

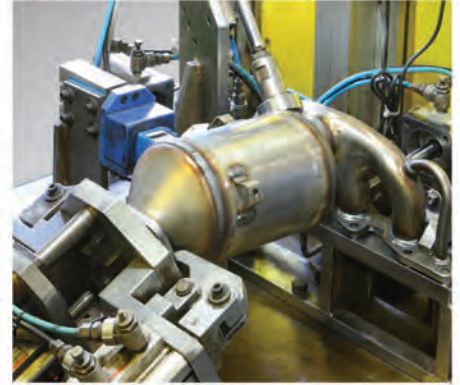
02 Manufacturing Technology



Daeji Metal's manufacturing technology is focused on a comprehensive quality management system which runs right through all relevant operational workflows and procedures, to ensure the highest standards of quality on all levels. Simultaneously, our priority is set on ensuring our Customers stay competitive in today's fierce market environment through continuous VA/VE activities.

Our core competencies are stretched over canning & integrated assembly sequences, forming technology and joining technology. We are the only manufacturer in Korea, certified & accredited by General Motors with our advanced technology of MCS(Measuring Calibration System) in post sizing.

03 Catalytic Converter Assembly



Daeji Metal's catalytic converter assemblies are developed to purify exhaust gas according to the exhaust regulations of each target market, while satisfying durability & corrosion, and warranty target of the customers. The key characteristics of Daeji Metal's solutions are including maximum catalyst performance with the unique design considering flow uniformity and back pressure which mitigates thermal expansion and stress, mat erosion preventive design, and stuffing and inserting technology for canning.

04 Exhaust Pipe & Muffler Assembly



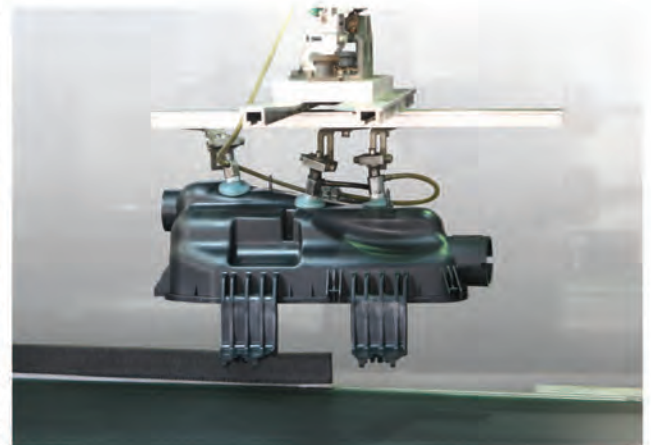
Daeji Metal's exhaust pipe and muffler assemblies are designed and optimized to satisfy pass-by noise & tail pipe noise regulations as well as durability requirements and corrosion target of the customers with reduced vibration, indoor noise generated from the exhaust system, and no deterioration of engine performance.

05 Diesel Exhaust Gas After-Treatment Systems



Daeji Metal's diesel exhaust gas after-treatment systems are designed to maximize catalyst performance and conforming to the international exhaust-emission standards and noise regulations, while satisfying durability & corrosion, and warranty target of the customers. Daeji Metal is one of the most innovative and experienced manufacturers, providing advanced canning technology of DOC, DPF and SCR, applicable to various range of light commercial vehicle and heavy duty on & off-road vehicles.

06 Air Filter Element & Air Induction Systems



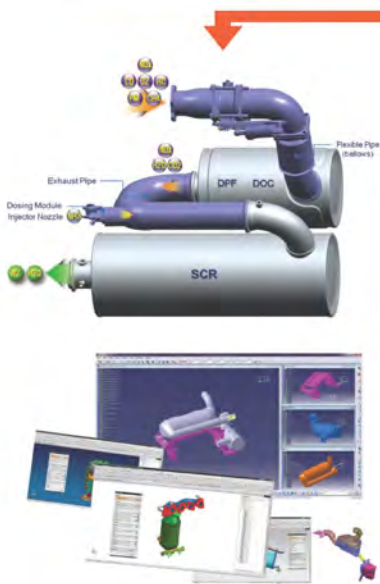
Daeji Metal's air filter element and air induction systems are designed and optimized to guarantee flow uniformity, velocity and pressure distribution for the air filter and to reduce air-induction noise, while securing sufficient filtration efficiency & filtration area, and maximizing the filter performance linking air induction system.



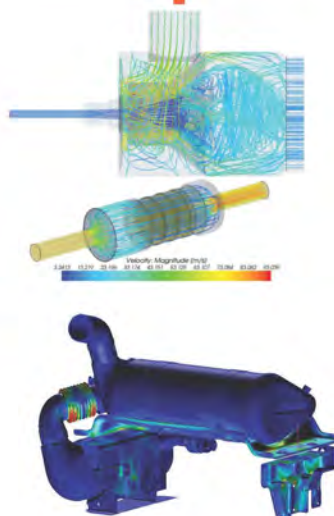
Daeji Metal's R&D Competencies

- Light weight and low noise product design
- Eco-friendly product development
- Optimal design-based cost-effective product development
- Durability-based product development

Design



Analysis



Test



CAD & CAE

- UG, Catia
- MSC Nastran, Patran
- Hypermesh
- Star CCM+

Validation Test

- Noise Reduction Test
- Thermal Cycling Test
- Air Cleaner Performance Test
- Cold Vibration Test
- Fatigue Test
- Leak Test
- Thermal Quenching Test
- Road Load Data Acquisition Test