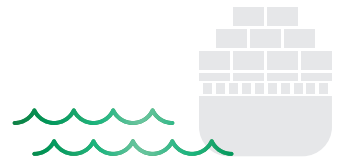


A Global Marine Engine Parts Specialist Putting Nature and People First

DAEHYUN



The Powerful Pulse of the Sea, Together with Daehyun Industry

Daehyun Industry Co., Ltd. specializes in manufacturing Air Receivers and Exhaust Receivers tailored to various types of world-class marine engines. Recently, the company has focused on producing nitrogen oxide reduction devices, such as HP SCR Chambers and EGR Units, in compliance with the Tier III regulations initiated by the IMO.

Particularly, we focus on the production of large-scale engines, managing the entire process in-house from raw material cutting, welding, machining, painting, to insulation, ensuring the highest quality products.



15 patents related to marine engines



12 design registrations





ABOUT US

Company Name | Daehyun Industry Co., Ltd.

Established | July 13, 1998

CEOs | Ji Jong-chan, Ji Jong-cheol

Products | Marine engine parts (Air Receiver, Exhaust Receiver, HP SCR Chamber, EGR Unit, etc.)

DIRECTIONS



Head Office | 284, Munsan-gongdan-gil, Oedong-eup, Gyeongju-si, Gyeongsangbuk-do



Plant 2 | 96-16, Munsan-gongdan-gil, Oedong-eup, Gyeongju-si, Gyeongsangbuk-do

HISTORY

The History of Daehyun Industry, Built on Trust and Passion

We are advancing as a global leader in marine engine parts.

1998



1998.07.
Established
Daehyun Industry Co., Ltd.



2004~2005

2004.12.
ISO 9001 Quality Management
System Certification

2005.09.
Expanded and relocated to Munsan
Industrial Complex, Oedong, Gyeongju

2005.12.
Registered as a primary partner of
Hyundai Heavy Industries

2007



2007.02.
Selected as a technology innovation-
type Small and Medium Enterprise
by the Small and Medium Business
Administration

Selected as an INNO-BIZ SME

2007.12.
Recognized as an excellent partner
by Hyundai Heavy Industries

2018-2019

2018.01.
Recognized as an innovation-driven
excellent partner by Hyundai Heavy
Industries

2019.03.
Received the Director of Daegu
Regional Tax Office Commendation
on Model Taxpayer Day

2019.10.
Hyundai Heavy Industries Engine &
Machinery

Awarded the Grand Prize at Quality
Circle Contest

2020



2020.01.
Recognized as an excellent quality
partner by Hyundai Heavy
Industries in 2019

2020.06.
Received the Gyeongju Chamber
of Commerce and Industry
Business Award in 2020

2020.12.
ISO 45001 Occupational Health
and Safety Management System
Certification

2022



2022.04.
Awarded the Presidential
Commendation on the 49th
Commerce and Industry Day

2022.11.
Awarded the Grand Prize at the
Hyundai Heavy Industries Engine &
Machinery Quality Circle Contest



2010-2013



2010.02.
Selected as a management innovation-type Small and Medium Enterprise by the Small and Medium Business Administration

Selected as a MAIN-BIZ SME

2012.12.
Awarded the Gyeongju Chamber of Commerce and Industry Business Award (Management Division)

2013.12.
Acquired ASME Certifications (U, S, PP)

2016



2016.04.
Designated as a Youth-Friendly Small and Medium Enterprise by the Ministry of Employment and Labor

2016.09.
Awarded the Prime Minister's Commendation for Outstanding Capital Goods Development

2017



2017.06.
Received the Korea Ilbo Excellent Patent Award (Marine Equipment)

2017.07.
Registered as a partner of Hyundai Mipo

2017.10.
ISO 14001 Environmental Management System Certification

2023



2023.01.
Recognized as an excellent quality partner by Hyundai Heavy Industries

2023.03.
Selected as an excellent SME for ESG by the Hyundai Heavy Industries Win-Win Growth Committee

2023.07.
Designated as a Golden Enterprise by Gyeongju City

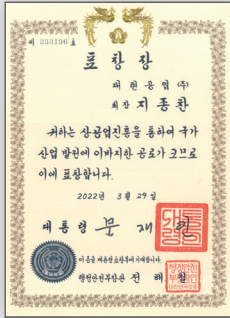
2023.07.
Certified as a Root Enterprise

Certifications and Awards

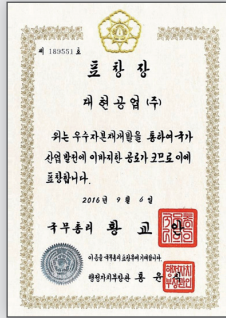
A Reliable Partner with **Various International Certifications**,
Providing Safe and Superior Products to Our Customers.

Awards

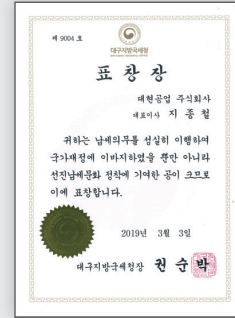
Presidential Commendation



Prime Minister's Commendation

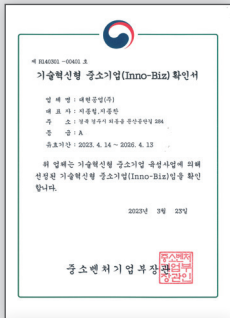


Daegu Regional Tax Office Commendation



Certifications

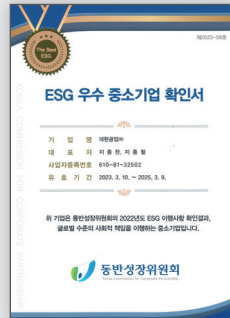
INNO-BIZ Certification



MAIN-BIZ Certification



Excellent SME for ESG Certification



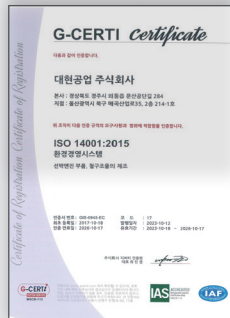
R&D Department Certification



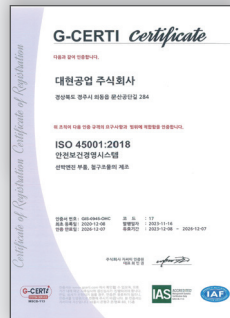
ISO 9001



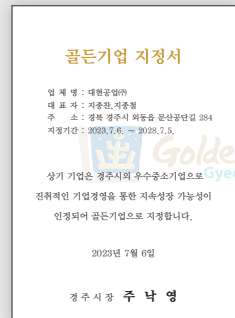
ISO 14001



ISO 45001



Golden Enterprise Designation



Production Process

In-house Research and Production for All Stages!

We Take Responsibility for Our Clients' Challenges and Safety.



01

Cutting



02

Welding



04

Painting



03

Shot Blasting



05

Machining

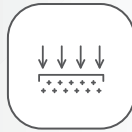


06

Insulation

Efficient Storage and Supply of Compressed Air for Combustion

AIR RECEIVER



I Product Description

01. Storage of **Compressed Air** for Combustion in Large Marine Engines

The Air Receiver acts as a storage tank for compressed air used in combustion, playing a critical role in storing the compressed air necessary for the operation of marine engines.

02. Supply of Compressed Air for Combustion in **Large Marine Engines**

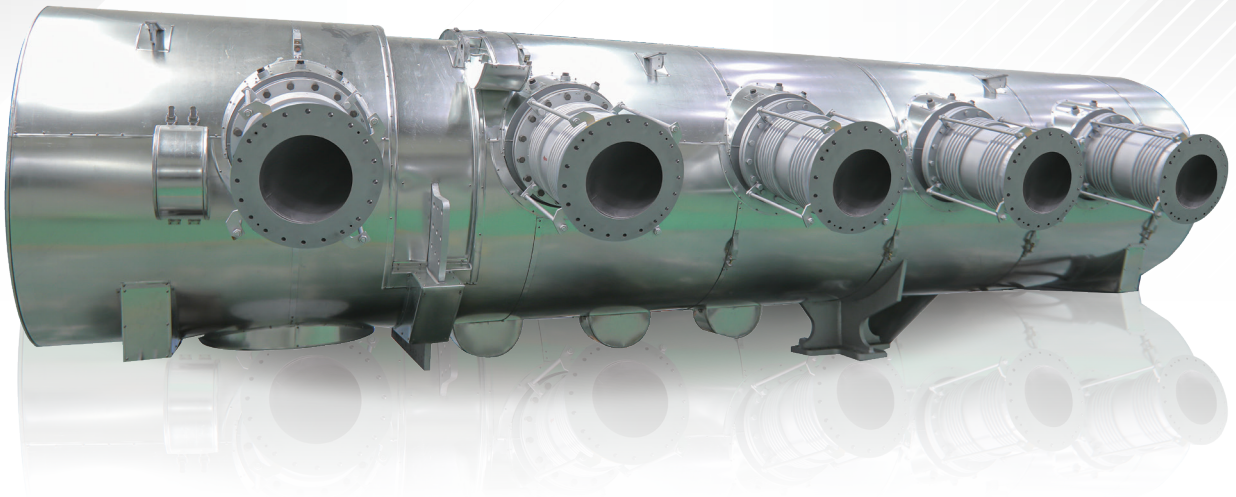
In diesel engines, compressed air is typically injected into the combustion chamber to burn fuel. For large marine engines, the Air Receiver is essential for distributing and supplying the compressed air required for combustion to each combustion chamber.

I Applicable Types

MAN-ES Type	80ME/ 90ME/ 95ME
Win-GD Type	X52/ X62/ X72/ X82/ X92

Efficient Handling and Supply of High-Temperature, High-Pressure Exhaust Gas

EXHAUST RECEIVER



I Product Description

01. **Transmission** of High-Temperature, High-Pressure Exhaust Gas to the Turbocharger

The Exhaust Receiver collects and stores the high-temperature, high-pressure exhaust gases produced by the combustion in each cylinder and transmits them to the turbocharger.

02. **Optimization** of Engine Performance

The Exhaust Receiver effectively handles high-temperature, high-pressure exhaust gases, contributing to the optimization of engine performance.

I Applicable Types

MAN-ES Type	80ME/ 90ME/ 95ME
Win-GD Type	X52/ X62/ X72/ X82/ X92

Selective Catalytic Reduction (SCR) System

HP SCR CHAMBER



Product Description

01. Effective Reduction of Nitrogen Oxides (NO_x)

The HP SCR Chamber is an exhaust gas after-treatment device that effectively reduces nitrogen oxides (NO_x) emitted from the engine using selective catalytic reduction (SCR).

02. Compliance with International Maritime Organization (IMO) Regulations

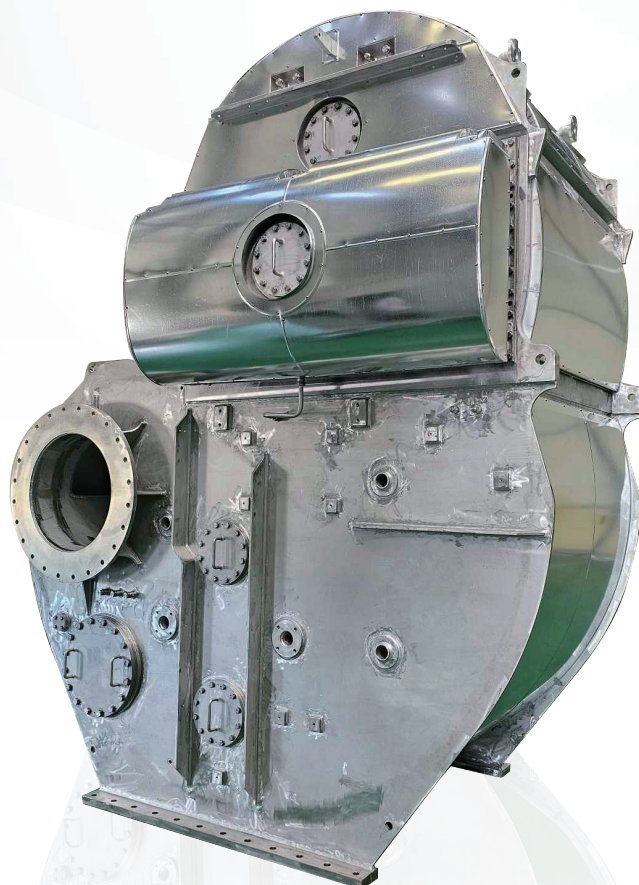
This device converts nitrogen oxides (NO_x) in engine exhaust into harmless nitrogen (N₂) and water (H₂O) using a reducing agent. It is an essential component to comply with the Tier III regulations set by the International Maritime Organization (IMO).

Applicable Types

MAN-ES Type	50ME/ 60ME/ 70ME/ 80ME
Win-GD Type	X52/ X62/ X72

Exhaust Gas Recirculation (EGR) System

EGR UNIT



I Product Description

01. Effective **Reduction** of Nitrogen Oxides (NO_x)

The EGR Unit is designed to effectively reduce nitrogen oxides (NO_x) generated during fuel combustion by recirculating exhaust gases back into the combustion process.

02. **Compliance with** International Maritime Organization (IMO) Regulations

This device helps reduce nitrogen oxides (NO_x) generated during fuel combustion by recirculating part of the exhaust gas into the intake system. It is a critical component for complying with the Tier III regulations set by the International Maritime Organization (IMO).

I Applicable Types

MAN-ES Type

80ME/ 90ME/ 95ME

The Powerful Pulse of the Sea,
Together with Daehyun Industry



[Head Office]

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[Plant 2]

96-16, Munsan-gongdan-gil, Oedong-eup, Gyeongju-si, Gyeongsangbuk-do
Tel. 054-777-1134 Fax. 054-776-2139