
MABA Industrial Profile

We do the right thing together

• • •

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- 03 Mobility Solutions
- 04 Commercial Vehicle Customization Service
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MABA Message

With over 30 years of experience in mobility solutions
The "mobility" that the Maba industry thinks is "infinite connection."



Through the development of mobility, we connect the present with the future.

Connect all of these values to create mobility solutions,
We are the 'Maba Industry' that contributes to human development.

In 1988, starting with the Maba Industrial's solution proposal for shipbuilding heavy industry,
Even the current commercial vehicle solution proposal has grown through mobility solution proposals.

Through two corporate-affiliated research institutes, the AIDI Design Institute in Seoul and the MX LAB Technology Institute in Jeonju,
We are giving research and support to future industries such as environmental issues and sharing economy.
It will be a Maba industry that is growing steadily as it has been.



01 Company Introduction

1. Company introduction

01

Company Overview

History

Evolving the Business Area of the Maba Industry

1988~2009

Establishment of shipbuilding and auto parts manufacturers and in-house design research institutes



- 1988 Establishment of company (Hyundai Technology Development)
Register as a partner of Hyundai Motor Co., Ltd
Establishment of Ulsan Plant

1994 Establishment of Design Research Institute

Establishment of design partnership with
Hyundai Motor Company
Developing Stripe Design for FORTER, GRACE and TRUCK



- 1995 Jeonju Plant Operation
Design Research Laboratory Hyundai Motor Co., Ltd.
relocated to Jeonju Plant

Start performing public design services for local
governments

- 2005 Seoul Design Studio Established
Business support and external design construction of
Hyundai Motor's domestic and foreign branches
Korea Design Promotion Agency (KDIP) Registered as a
design company

- 2009 Hatch Taxi Vehicles in Seoul (70,000 units)
Graphic Design and Guidelines Work Seoul
Namsan Electric Bus



2010~2016

Strengthen design R&D capabilities



- 2010 World's First Online Electric Vehicle
Design/KAIST Technology Collaboration
(Introduction to Time Magazine)



- 2011 Seoul Grand Park
Online Electric Vehicle Design /
KAIST Technology Collaboration



- 2012 Seongnam City's
Eco-Friendly Light
Vehicle Taxi Design and
Decal
Construction (9:00
News Introduction)



- 2015 Conversion to Maba Industrial
Corporation, CEO Koo Hyo-jung
Registering a venture company and
changing the in-house affiliated
design research institute corporation

- 2016 ISO certification for shipbuilding equipment
(9001,14000)
Samsung Heavy Industries Company Registration
Selection of best practices for business conversion of
manufacturing industry design (Small and Medium
Enterprise Promotion Corporation)

2017~2019

Expansion of public
design projects



- 2017 Development and Construction of Bus Design in the wake
of the Reform of Public Transportation in Jeju Island:
Design Guidelines



- 2018 Establishment of MABA CIC
(MABA CREATIVE INNOVATION CENTER)
Two-story Electric Bus Exterior Decal
Design in Seoul



- 2019 Rotem Hydrogen Bus Graphics
Hydrogen bus in Seoul
Hyundai Commercial Vehicle External Emblem Signs
Decal Design Contract
Modern Business Fair Decal Design
Atlanta Motor Show Decal Deliver Flexible LEDs
MABA CIC HQ Completed



2020~2024

Strengthen future design
competitiveness



- 2020 Design and Construction of Hyundai
Self-Driving Shuttle Vehicle
Design and Construction of Hyundai
Self-Driving Nexo Vehicle
Establishment of Alidi (Automatic
Information Intelligence) Design Lab
Establishment of painting factory



- 2021 Hyundai Rotem Hydrogen Tram Graphics and Display
Hyundai Motor Hydrogen Truck Display
42dot autonomous vehicle display
Jeonju CIC Branch Selected as Jeonbuk Star Company
Hydrogen Mobility Show Vehicle Graphic Design
Buy the second plant in Wanju



- 2022 Minister of Trade, Industry and Energy,
Korea Design Awards Design Capability Reinforcement
Market Development Project of Ministry of Trade, Industry
and Energy Multi-purpose mobility (PBV) cabin design (5
years/8 billion business scale) technology development
selected - Host company Designing a Tourist Electric Vehicle
in Dongbu Historic Site in Gyeongju Hyundai Motor
Commercial New Concept Mobility Appearance Graphic
Rotem Airport Railroad Appearance Graphic, Interior Design



- 2024 Awarded by Minister of the
Small and Medium Business
Conference
- Single Award for Model Small
and Medium Enterprise



Key Designs by Year



2022	Purpose-Based Mobility (PBV) Cabin Design <ul style="list-style-type: none">- Five years of government projects- Ministry of Trade, Industry and Energy
2021	Hyundai Rotem Hydrogen Tram Commercialization Samples & FLD <ul style="list-style-type: none">- Flexible LED Display Construction and Module Development / Motion Graphic Graphics Design- External Graphic Design and Construction
2019	Hyundai Hydrogen Autonomous Truck – Neptune / Atlanta Motor Show <ul style="list-style-type: none">- External Graphic Design and Flexible LED Display Demonstration and Construction- External Graphic Design and Design Construction
2019	Hyundai Rotem Hydrogen Tram / 2019 Busan International Railway Technology Industry Exhibition <ul style="list-style-type: none">- Hyundai Rotem Hydrogen Tram BEXCO Exhibition Design- Environment-friendly Transport Device Design Identity
2018	Ministry of Land, Infrastructure and Transport / Land, Transport and Technology Daejeon_COEX <ul style="list-style-type: none">- Development of External Graphic Design for the First Double-Story Electric Bus in Seoul- Internal and external graphic design and design construction
2017	Design and construction of 7 transportation companies in Jeju Island / Jeju City <ul style="list-style-type: none">- Jeju Island Traffic Reorganization (Hyundai Card Design Collaboration)- Internal and external graphic design and design construction



2012	Design of Light Motor Taxi in Seongnam City / Promoting Environmental Policy in Gyeonggi-do <ul style="list-style-type: none">- Participation in the development of Korea's first light taxi business- Construction of Light Vehicle Taxi Dagain and Decal
2011	Seoul Grand Park Online Electric Train / KAIST Technology Collaboration <ul style="list-style-type: none">- Application of new technologies and realization of tasks through business cooperation- Body Design and Exterior Design and Vehicle Manufacturing- Design Advisory and Collaboration of Faculty of Hongik University
2010	Hybrid Taxi in Seoul Metropolitan Government <ul style="list-style-type: none">- Development of special fabric and exterior color to replace painting and construction of decal
2009	Namsan Electric Bus, Seoul <ul style="list-style-type: none">- Sample Vehicle Exterior Graphic Design and Paint, Decal Construction
2009	Hatch Taxi Test Vehicle, Seoul Metropolitan Government <ul style="list-style-type: none">- Development of special fabric and exterior color to replace painting and construction of decal

Organization chart

CEO Hyo Jeong Koo

- Automobile Manufacturing and Design Service Fashion Merchandiser Global Product Planning, Sourcing, Manufacturing Management and Global Export Management
- Director, Women's IT Venture Association
- Former Director of the Design Entrepreneurship Association
- Ewha Womans University Graduate School of Design for more than 15 years of service management
- Former LVMH major in DKNY Design Management

Office

Jeonju CIC

Seoul

Busan

Ulsan

CEO Hyo Jeong Koo

CHO

MABA CIC	AIIDI Design Lab	MX Lab (Mobile Experience)	Business Development	Production	Management Support
<ul style="list-style-type: none">• Vehicle Exterior Design• Mobility Design• Motion Graphic Design• Graphic Design	<ul style="list-style-type: none">• A Study on the Data-Driven Future Mobility Industry• Mobility Leading Industry Design Development (Product/Transport)• UI/UX and Interaction Design Development for Mobility• Implementation of national tasks related to future mobility	<ul style="list-style-type: none">• Research and development of future mobility technologies, including displays for vehicles• Mobility Design/Electronic /Software Technology Development Patent• Application/registration and management	<ul style="list-style-type: none">• Identifying consumer needs, developing a market• Sales	<ul style="list-style-type: none">• Attachment• Manufacturing• Heavy industrial manufacturing	<ul style="list-style-type: none">• Resource procurement• Safety• Personnel Appointment

Teams and cooperation systems consisting of professionals in each field

Location

Status of business base

Including Ulsan headquarters, Jeonju Plant 2, Hyundai Motor Company's office, AIIDI&MX Research Center in Seoul, A total of 6 workplaces, including the Busan branch, are running design research in Seoul and the provinces in a balanced way

Seoul Business-affiliated Research Institute

AIIDI Design Lab

(Automotive Information Intelligence Design Institute :
Hyundai Design Center Advance Design Development)

MX technical laboratory

(Mobility eXperience Research Lab :
Design and Development of Hyundai Research and Development Headquarters)

1. Office of Hyundai Motor Co., Ltd

2. Jeonju CIC

Creative Innovation Center 상용 커스터マイ제이션 허브

(Production and delivery of emblem for Hyundai Motor Company)

Jeonju Commercial Design Center
(Development of Hyundai Motor Co.'s leading and mass production design)

3. Jeonju Factory 2 (Grade 1 Industrial Company)

First-class automobile manufacturer

(Commercial vehicle features, car floor, tinting, black box, vehicle supplies, painting)

1

1

1

Ulsan Factory (Head Office)

Hyundai Mobis Response Manufacture of Decal Parts

Busan Factory

Specialized in the manufacture of shipbuilding equipment (Hyundai Heavy Industries, Samsung Heavy Industries and Overseas Exports)



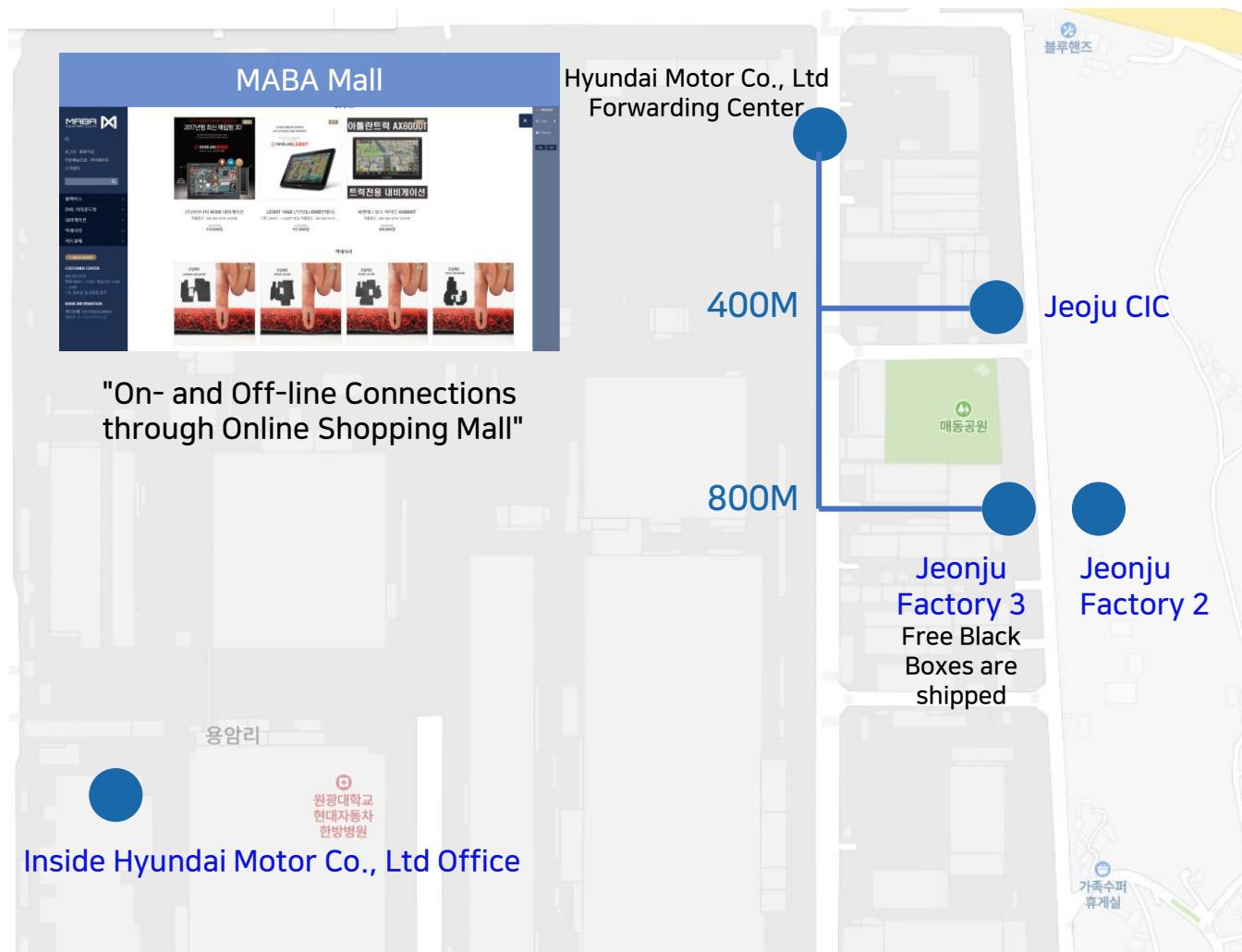
[Maba Jeonju CIC Center next to Hyundai Plant 3]



[Maba Jeonju Plant 2] [First class automobile industry]

Location by office of Jeonju Plant, Maba Industrial Co., Ltd

Jeonju CIC, Jeonju 2nd Plant, Hyundai Motor Company's office location



Creative Innovation Center 상용 커스터마이제이션 허브

- 현대차용 엠블럼 제작 및 납품

전주 상용 디자인센터- 현대차 선행 및 양산 디자인 개발



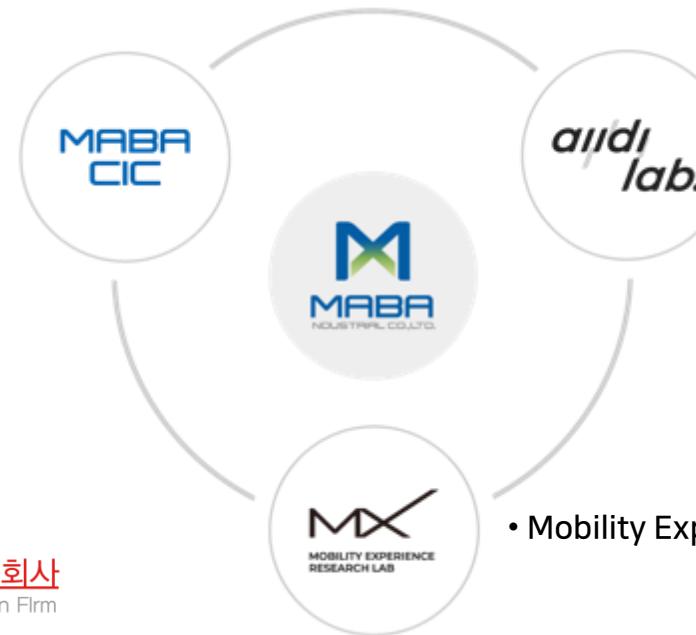
First-class automobile manufacturer - Commercial vehicle
features, car floor, tinting, black box, vehicle supplies,
Stamp and wrap at the lowest price in the country

Jeonju Factory 3 – Free Black Boxes are shipped

Have in-house design lab and mobility experience

In-house design lab

- Creative Innovation Center



- Automotive Information Intelligence Design Institute

- Mobility Experience Research LAB



- About 10 talented designers in various areas such as transportation, unreal, visual, CMF, UIUX, etc
- Working at H/SS/W Research Institute for Mobility Solutions – Seoul, Jeonju
- Awarded by Minister of Commerce, Industry and Energy in 2023 (Design specializing in automobile-related priorities and mass production mobility solutions)
- Industrial Design Company (Design Promotion Agency-Comprehensive)

1. Company introduction

01

Company Overview

Automotive Quality Management System Certification _IATF16949 Certificate

- Provides opportunities for improvement in product and process quality and achieves continuous improvement
- Maintain consistency by applying internationally common quality system requirements
- Reduce dispersion and increase efficiency
- Improve customer satisfaction
- Save time and money by preventing duplicate authentication
- Mandatory certification for Hyundai Motor's primary partner



1. Company introduction

Patents and qualifications

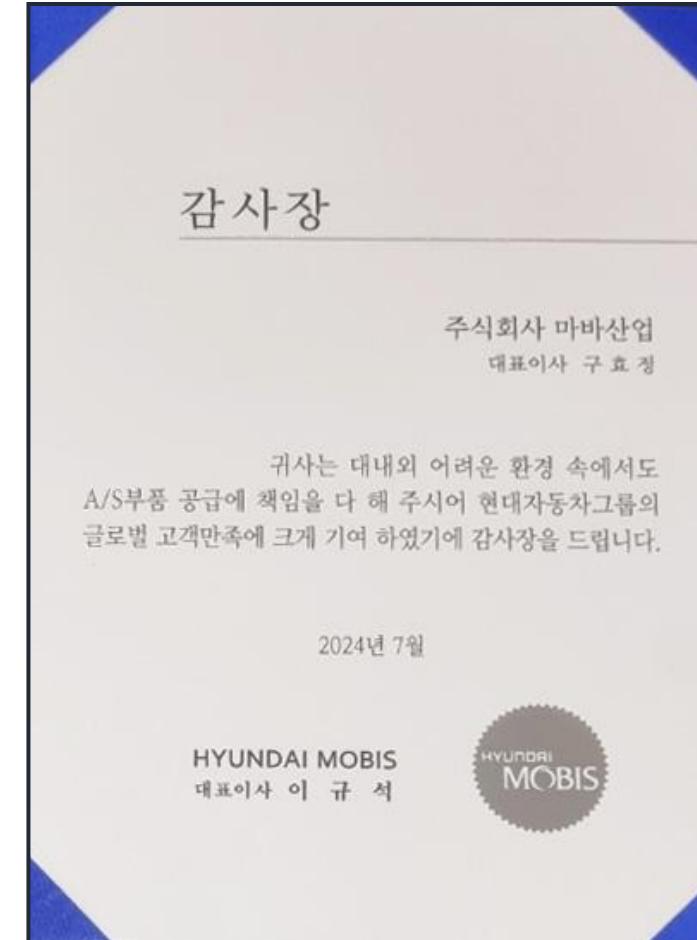
We are striving to protect technology and intellectual property rights through design IP registration and patent application (a total of 23 applications and registrations)

Design	Lab certification & ISO certification	Letter of Designation and Confirmation	GTT certification	Patents and certificates
				

Patents and Qualifications - Mobis Excellent Partner



Excellent partner of Hyundai Mobis



02 Business Development Team

Thermal Protection



Heat-resistant masking tape production



production of masking tape for vehicles

Thermal Protection

World's First Registration to GTT in October 29, 2001

World's Most Cumulative Delivery

Thermal Protection Type	Period	QTY(meter)
MARK-III	2002-2016	485,680
NO96	2005-2016	708,160
Total		1,194,840

※ Major Customer Status



Thermal Protection

01. Patent Application

- Applicant - MABA Industrial Co.,Ltd
- Application number – 2015-0002939
- Name - Welding Guide for thermal protection
- Name of product – MARK III / V-GL, NO96/ PLUS GL

발급번호 : 5-2016-020119563

출원사실증명원
CERTIFICATE OF APPLICATION

출원인 Applicant	성명 Name	주소 Address	주민번호 Residence No
고인자 Deviser	성명 Name	주소 Address	주민번호 Residence No
대리인 Agent	성명 Name	주소 Address	대리인 코드 Residence No
출원번호 Application Number		출원일자 Filing Date	출원일자 Filing Date
발명(고안)의 명칭 디자인의 표형, 그림, 그림 상용(서비스업)의 특구 Title of Invention, Product(s) Embodied in Design, or Classification of Mark		제작 및 보호 지시구 Welding Guide for thermal protection	
용도 Field of Use	확인용 IPC 분류	확인용 IPC 분류	최종처분상태 Disposition Status

위 사실을 증명함.
This is to certify that the above applicant has filed as stated in this
certificate at the Korean Intellectual Property Office
2016년 03월 16일

특허청
COMMISSIONER

발급일자 : 20160316

02. GTT Approval

- NO96/ PLUS GL : 2016.02.16 approval completed
- MARK III / V-GL : 2016. 4月 approval completed

2. Business Development Team

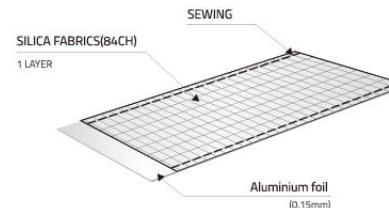
02

Business Development Team

Product Reference



Size & Shapes

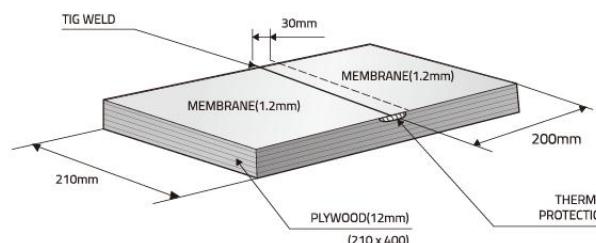


This product is a thermal protection made of one aluminium foil (thickness : 0.15) and silttemp silica fabrics (84CH, THICKNESS : 0.66mm) to be used for prevention any damage to the insulation components during the welding works of tanks of membrane LNG carriers built according to our MARK III system under GTT license.

Product Specification

NAME OF GOODS	WIDTH(mm)	THICKNESS(mm)	LENGTH(M)	NOTE
MARK III (60mm)	60	0.81	10M	STANDARD
MARK III (80mm)	80	0.81	10M	STANDARD
MARK III (Order production)	Any size	0.81	10M	ORDER PRODUCTION

Weld Details [example]

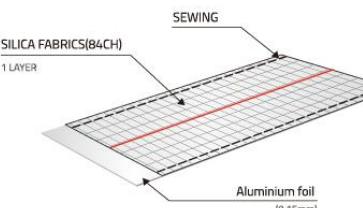


NO. MARK III

Product Reference



Size & Shapes

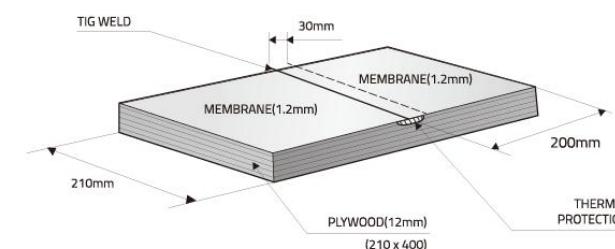


This product is a thermal protection made of one aluminium foil (thickness : 0.15) and silttemp silica fabrics (84CH, THICKNESS : 0.66mm) to be used for prevention any damage to the insulation components during the welding works of tanks of membrane LNG carriers built according to our MARK III system under GTT license. This MARK III - CL is upgrade version with MARK III and very convenient when use for repair.

Product Specification

NAME OF GOODS	WIDTH(mm)	THICKNESS(mm)	LENGTH(M)	NOTE
MARK III (60mm)	60	0.81	10M	STANDARD
MARK III (80mm)	80	0.81	10M	STANDARD
MARK III (Others)	Any size	0.81	10M	ORDER PRODUCTION

Weld Details [example]



NO. MARK III-CL

2. Business Development Team

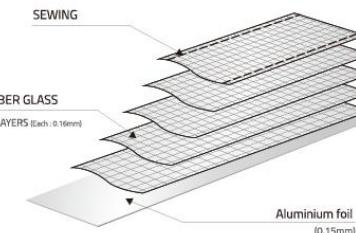
02

Business Development Team

Product Reference



Size & Shapes



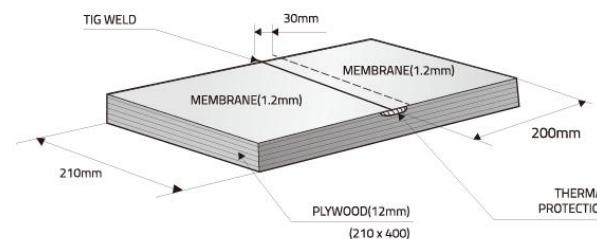
Model NO. NO96

This product is a thermal protection made of one aluminium foil (thickness : 0.15) and five fiber glass clothes (Thickness of each : 0.16) with red line to be used for prevention any damage to the insulation components during the welding works of tanks of membrane LNG carriers built according to our NO96-CL system under GTT license.

Product Specification

NAME OF GOODS	WIDTH(mm)	THICKNESS(mm)	LENGTH(M)	NOTE
NO96 (60mm)	60	0.95	20M	STANDARD
NO96 (80mm)	80	0.95	20M	STANDARD
NO96 (Order production)	Any size	0.95	20M	ORDER PRODUCTION

Weld Details [example]

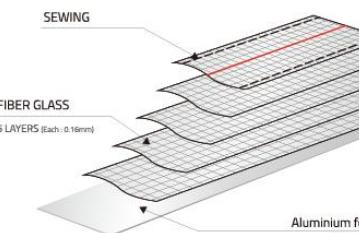


NO. 96

Product Reference



Size & Shapes



Model NO. NO96 -CL

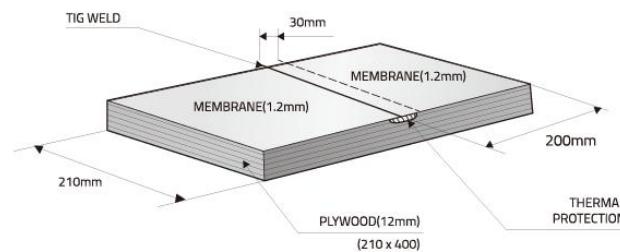
This product is a thermal protection made of one aluminium foil (thickness : 0.15) and five fiber glass clothes (Thickness of each : 0.16) with red line to be used for prevention any damage to the insulation components during the welding works of tanks of membrane LNG carriers built according to our NO96-CL system under GTT license.

This NO 96-CL is upgrade version compare with NO 96 and very convenient when use for repair.

Product Specification

NAME OF GOODS	WIDTH(mm)	THICKNESS(mm)	LENGTH(M)	NOTE
NO96 - CL(60mm)	60	0.95	20M	STANDARD
NO96 - CL(80mm)	80	0.95	20M	STANDARD
NO96 - CL (Order production)	Any size	0.95	20M	ORDER PRODUCTION

Weld Details [example]



NO. 96-CL

Thermal Protection(GTT) – Production Process

2) Thermal Protection(GTT) – Production Process

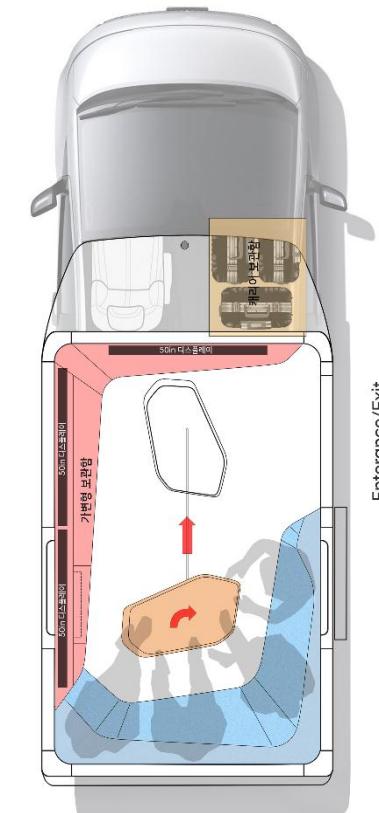


03 Mobility Solutions



Future Mobility Industry Development _Exterior Design

Multi-purpose PBV development and mock-up production in progress



Development of Future Smart Car Display Platform System

42dot



- It recently received a delivery request from Amazon for a digital display outside the vehicle, and based on the research and development activities of the corporate-affiliated MX Technology Research Institute, it provides various design solutions in addition to exterior decal design for the vehicle.
- The system has been developed to deliver vehicle information in real time to 42dot autonomous vehicles, etc., and is strengthening its position in the future car market through flexible LED display systems such as delivery.

Development of Future Smart Car Display Platform System

HYUNDAI HDC-6 NEPTUNE Hydrogen Truck Concept Car Project Participated in Display Platform and Appearance Graphic Design



Development of Future Smart Car Display Platform System

Participate in many world-class mobility shows and exhibitions to promote Korea's excellent design to the world.



Development of Future Smart Car Display Platform System



Cabin Interior Detachable System



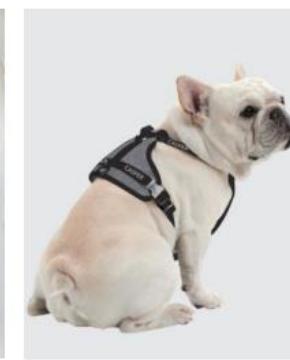
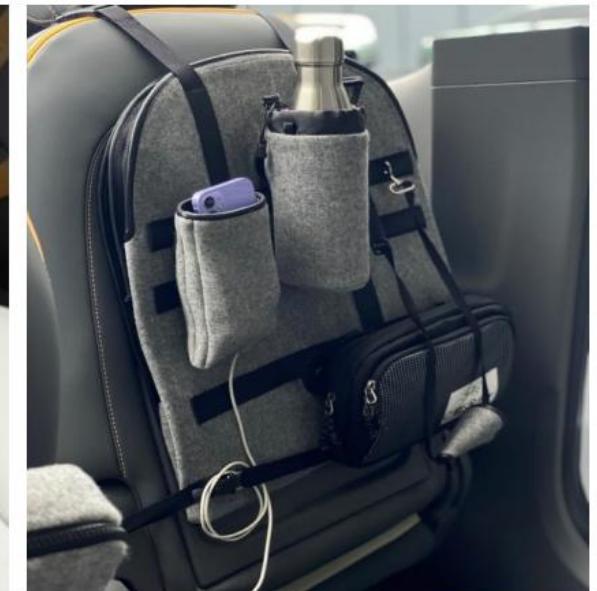
Mini
Turn



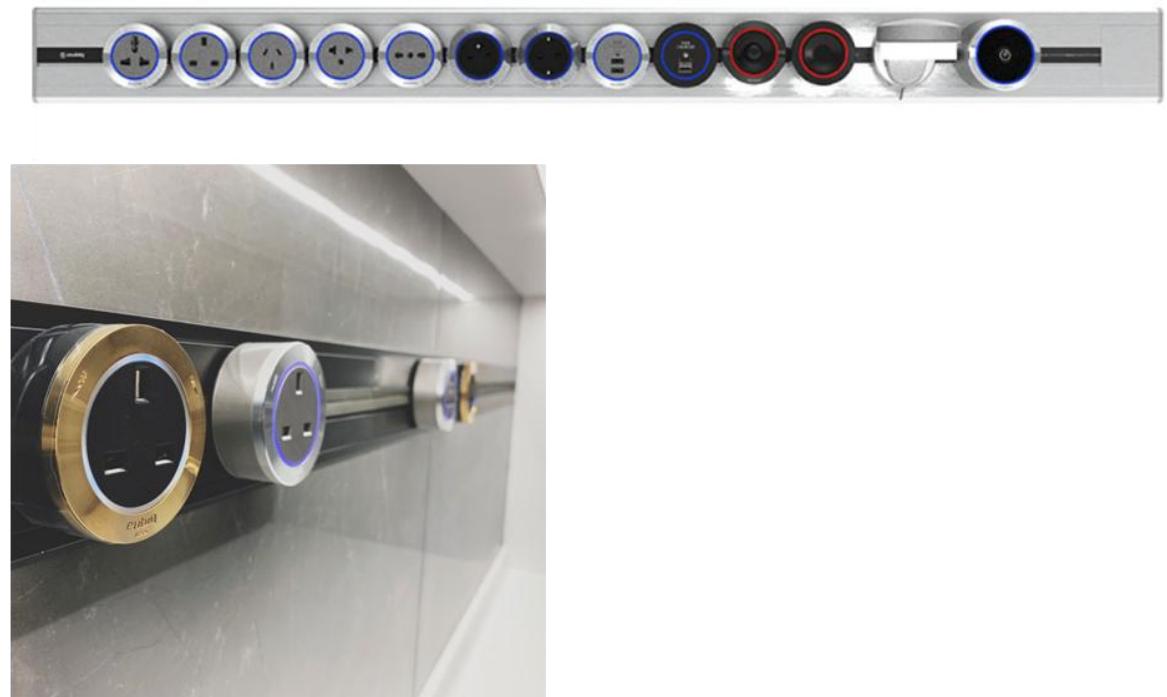
MALE PART



FEMALE
PART



Development of 220V Electric Cord for Vehicle Rail System (Eubiq)



3. Mobility Solutions

03

Mobility solutions

car coffee machine



3. Mobility Solutions

03

Mobility solutions



car Console box



3. Mobility Solutions

03

Mobility solutions

Motor show



Motor show



Motor show



3. Mobility Solutions

03

Mobility solutions

Motor show



Motor show



Rotem hydrogen tram



AREX



Public Design for Graphic Maintenance of Transportation Facilities



119 STAREX



Based on the know-how of working on reflective film
Fast and Accurate Construction System
Over 2000 cumulative units

700 Wrapping / 2month
It's a 1.7 billion-dollar project
Performed in time

Development and application of unique painting and
wrapping film color unique to Hatch Taxi in Seoul
Operations to date

Construction of police cars

Nexo, Ioniq, Grandeur, and Staria / construction of 4 models in total 540 units (2022)



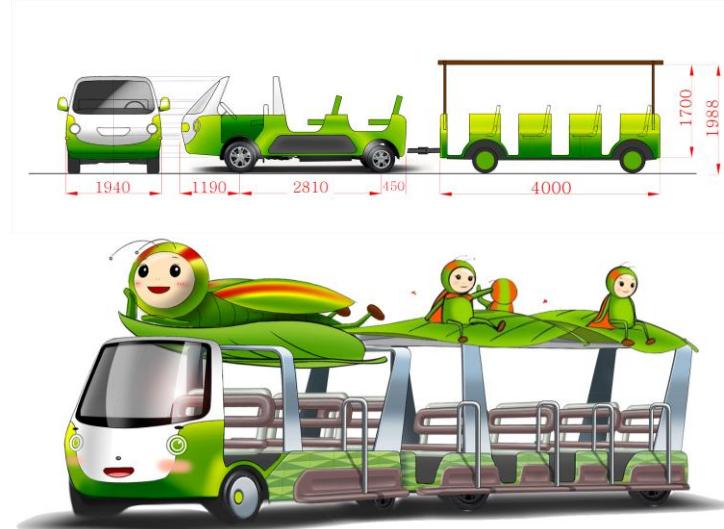
3. Mobility Solutions

03

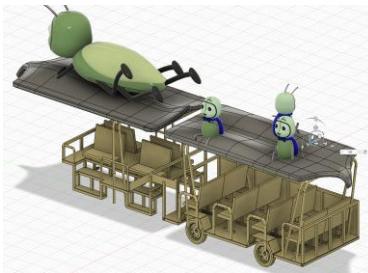
Mobility solutions

Electric vehicle for a silkworm in Gyeongju

Before



가을밤에
비단이



Golden City
Gyeongju

After



04 Commercial Vehicle Customization Service

4. Commercial Vehicle Customization Service

04

Customizing service

Having First-class industrial company

Development, launch and construction of various aftermarket products for other AS tasks and commercial vehicle customers that occur after official shipment

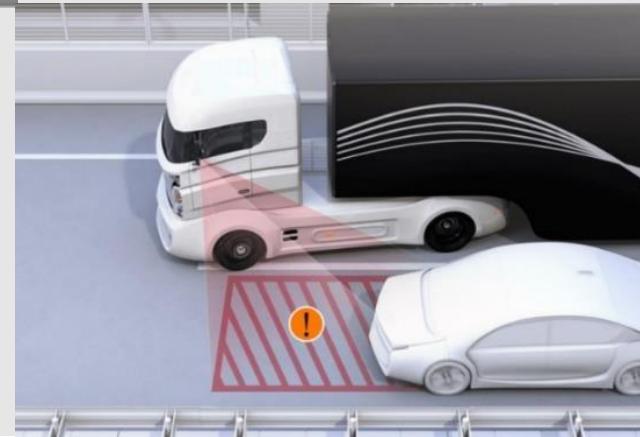
ONE STOP Only 'MABA' service that provides all construction at the highest quality, shortest time, and optimal price

Installation and Construction of Safety Electrical Equipment for Tinting, Black Box, and Blind Spot



MABA Paint (Multi-tone)

Hyundai Motor Co., Ltd.'s painting quality
can be painted in multi-tone



2-4 channel black box construction, Blind Spot Camera Around View

Filming with 2-4 channel black
boxes from all angles
Secure with blind spot cam



Tinting operations (Outside of the factory)

Work done by Raynaud
professional contractor



lettering work

We're going to do lettering with
the company at once

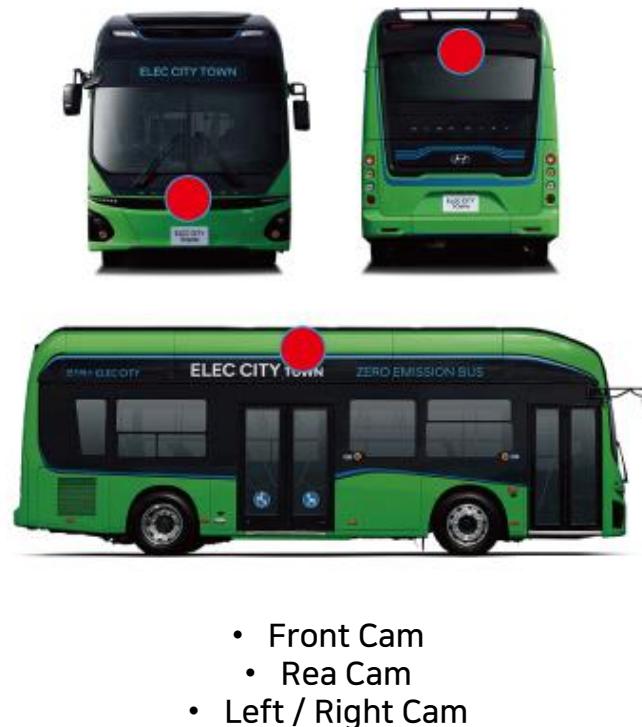
신한상운
1155 Shinhan

4. Commercial Vehicle Customization Service

04

Customizing service

Around View System Installation



Cam Installation Location



Left side View

Right side View

Front View

Rear View

Product Specification

- Image sensors: HD (Front, Rear, R-Side, L-Side)
- Resolution: 1920*1080 / 30fp x 4 total 120fp
- Compressed resolution: 720p @ 30fps
- Bit rate: 5Mps, 2GByte/h
- Recording Media: Micro SD Card / USB Memory Card
- Disk Capacity: Max 2TB (SDD)/USB 2.0

LVDS Interworking Method

- Low-power, complete high-definition support without video noise
- Low light 0.01LX: The lower the low light, the better it is seen in the dark
- 4-channel video recording function
- Auxiliary battery interworking is possible



4. Commercial Vehicle Customization Service

04

Customizing service

Black box for bus (3 channels, 4 channels)

▪ Monitor 2 Channel

Electric buses and hydrogen electric buses only /
Indoor and outdoor rear cameras (back-eye) installed



● GNET SYSTEM D-FORCE S1

4 channels (supplied by Ministry of National Defense, produced domestically)

- ✓ AI artificial intelligence video recording warning device
- ✓ 12.3" Wide LCD Touch Monitor
- ✓ Connected
- ✓ Smartphone connection via Wi-Fi
- ✓ Self-development of AI and LCD technologies in Korea
- ✓ Ministry of National Defense delivery (2,100 units) – South Korea's homegrown products
- ✓ Highest level of security

● INNOFIX CT 2000

- ✓ AI detection system
- ✓ 10.36" Wide LCD Touch Monitor
- ✓ Automatic LCD brightness control
- ✓ ADAS (Safety Driving Assistance System)
- ✓ Equipped with an ultra-wide-angle camera
- ✓ Trigger-linked AI detection system

4. Commercial Vehicle Customization Service

04

Customizing service

Auto Greace

- Vehicles that can be installed: Universe (hydrogen, diesel, CNG) / Ultra low phase buses (electric, hydrogen, CNG) / Regular buses



4. Commercial Vehicle Customization Service

04

Customizing service

Smart Vision

- High-definition cameras and indoor displays replace traditional side mirrors
- Advanced Camera Monitor System

Will be installed after August 2024



- ✓ High image quality both day and night
- ✓ Automatic adjustment of screen brightness (tunnel, rain, low light)
- ✓ Reduce driver fatigue

- ✓ Reducing the number of accidents
- ✓ Remove side blind spots
- ✓ It's easy to see when it rains

4. Commercial Vehicle Customization Service

04

Customizing service

SOLATI Customization and Features

Vehicle exterior design and construction (paint, decal, seat removal)



Shucle - Construction of a total of 60 units for each



Gyeonggi-do Smart Bus - 80 units in sequence



Monitor



PC, seat recognition, wireless LAN card



adapters, routers



Stick PC, outlet

Construction of other convenience facilities such as SkyLife and vehicle wifi

4. Commercial Vehicle Customization Service

04

Customizing service

XCIENT, New power truck



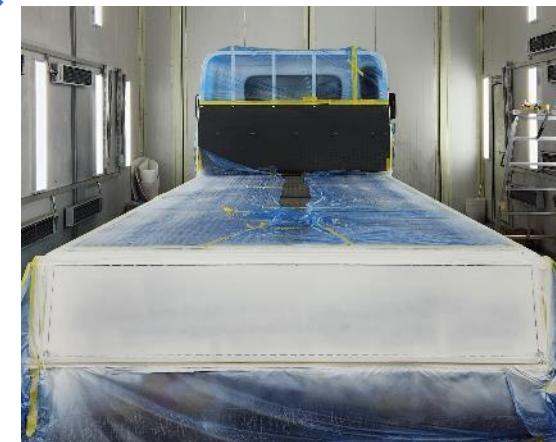
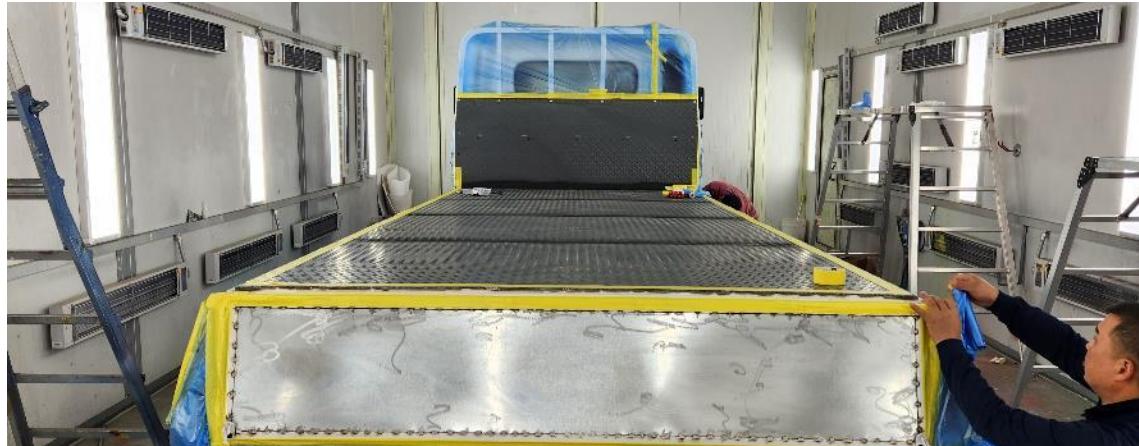
4. Commercial Vehicle Customization Service

04

Customizing service

Floor of a car, painting

After the car floor work, the same loading box as the body color is painted.



Floor of a car

Paint the Loadbox

4. Commercial Vehicle Customization Service

04

Customizing service

Response to accident site and traffic arrangement

Use transparent LEDs to express color intersections /
minimize secondary damage by allowing drivers to alert them depending on the situation from a distance



(Examples of transparent LED operation
and external visibility when not)

- Communicate emergency situations
- Flickr expression for vehicle safety
- Easy for other vehicles to know the direction of the vehicle
- Information transmission video, various images can be transmitted
- Customizable for users
- (Size, Color, Phrases, etc.)



PPF Film Construction

High-gloss, high-quality PPF film _Self-healing to protect the painted surface of the vehicle from scratches and stone chips



Clearcoat - Polyurethane
Film - Polyurethane
Adhesive - Acrylic PSA
Liner - Polyester

Trunk Ledges
Protect from damage caused by
loading items in your trunk

Fender Panels
Protect from chips and stains

Painted Side Mirrors
Protect from scratches and stains

Full Hood
Protect from chips and stains

Door Edges
Protect from
contact with other
parked vehicles

Door Handle Cavity
Protect from key and
jewelry scratches

Rocker Panels
Protect from chips and stains

Bumpers
Protect from chips and stains

Leading Hood Edge
Protect from chips and stains





05 VISION

Press story

Media reports on MABA Industrial Design Management - Small and Medium Business Corporation, etc



“힘들지만 바른길을 선택하는 것. 아무도 가지 않아 어렵지만 그 길을 당당하게 나아가자고 임직원들과 협력시들을 리드하는 것. 이것이 CEO의 의무이며 책임이다.”

미سان업은 1988년에 설립된 국내 굴지의 자동차 회사의 협력사로서 차량용 디자인부터 설계, 제품생산, 시공업무를 하는 동자동 전 디자인 업체이다. 서울시 오렌지 택시 시범운행시공, G20 친환경차 디자인 및 시공, 여수엑스포 제주시내버스 대행(600여대) 등 국가주요 행사 및 지역제작의 디자인·시공 대한민국을 성공적으로 수행하는 능력은 품질경영으로 업계에 주목을 받고 있다. 또한, 외장디자인 및 시공 외에 차량에 필요한 다양



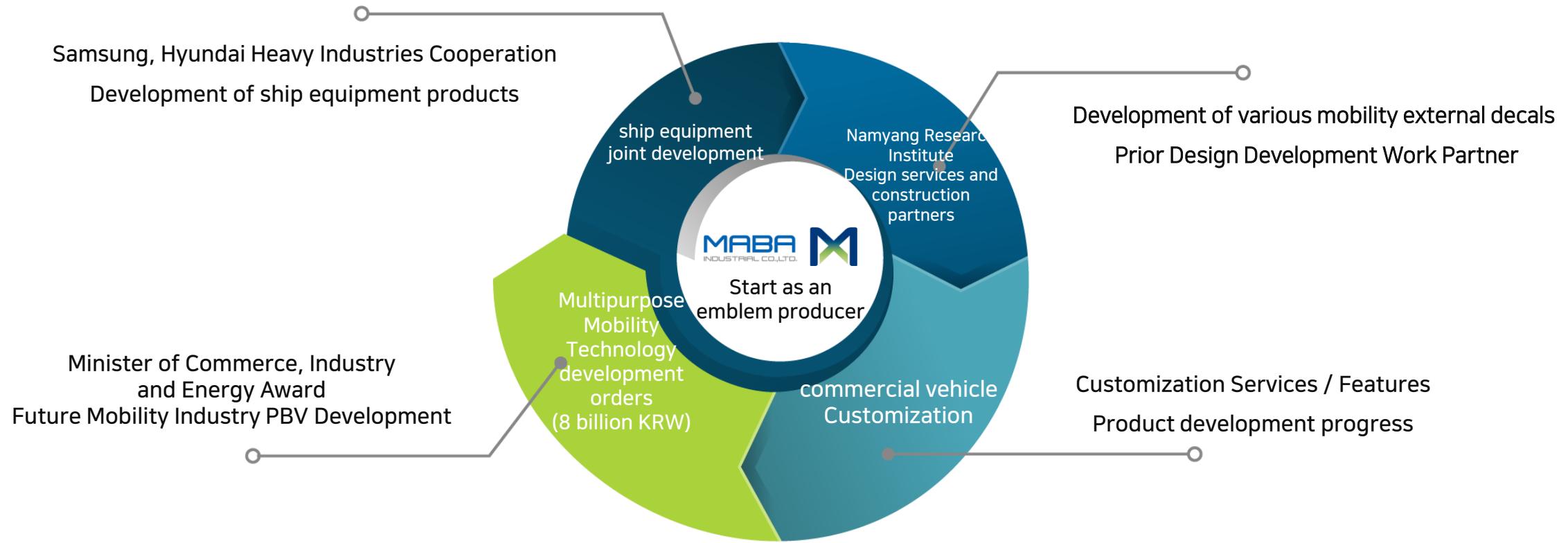
미래산업 재편서 소외된 제조기업… “창업기업처럼 특례를”



울산에서 30년째 운동화 부품 제조를 하던 마산에는 경영 위기를 극복하려 몇 년 전 자동차 외벽 디자인 회사(시그너)를 사업체로 설립했다. 하지만 산업사를 기우리 최근 버스 외벽과 고장篷籠(아이오드)으로 회사를 개발하니 규모에 부딪쳤다. 옥외광고를 통해 판매하는 버스는 조명篷籠을 설치할 수 없기 때문이다. 차량자체 판매는 버스를 통해 개조할 중장은 제한하고 있다. 이에 관계자는 “이번 규제가 없었다면 국내 완성차업체는 물류에 해외에서도 날짜별 수령을 할 수 있어 어땠지. 차량 찾기와 규제 완화 허락을 이용해 달라고 설득해 보려 한다”고 말했다. “차량 사업을 개발하려면 충분한 테스트가 필요하니 관련 장비가 뛰어 비싸고 테스트 차량도 부족하다”고 덧붙였다.

제조기업들이 불황 업종을 벗어나 미래산업으로 제조를 시도하는 과정에서 각종 규제, 자금 부담 등 여러 걸림돌로 애를 먹고 있다. 자동차, 조선 등 침체에 빠진 제조기업이 한계기업으로 전락하지 않으려면 역량 있는 '알짜기업'의 사업재편을 적극 지원해야 한다는 지적이 나온다.



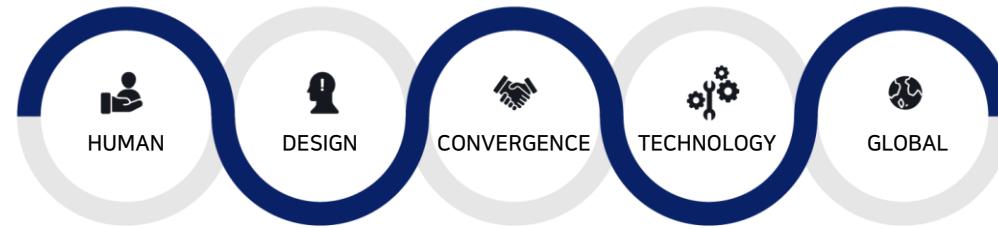


MABA industry, which started as the first partner in emblem production, has developed into a design partner of Hyundai Motor Namyang Research Institute and is leading various large-scale exhibitions and prior designs. Not only that, but with the big goal and dream of developing multi-purpose mobility technology, we have now achieved the feat of winning the Minister of Commerce and Industry Award.

MABA industry, which started as a simple parts company, is now leading the way in the near future by eliminating the boundaries between mobility and life.



Good company with all one's heart



Our Maba industry focuses on design management

We will become a global company through innovation in manufacturing services

Securing market leadership through continuous investment in design development

Through efforts to strengthen research capabilities through preemptive training of design talent

I will try to contribute to the Korean design industry and human development.



Thank you

[HTTP://MABA.CO.KR](http://MABA.CO.KR)

MABA CIC

317, Wanju Industrial Complex 1-ro,
Bongdong-eup, Wanju-gun, Jeollabuk-do
55322
063 262 5318
maba@maba.co.kr

AIIDI Lab

12 Seondeung-ro 155-gil, Gangnam-gu, Seoul
(Sinsa-dong 657-1)
5th floor of Vision Building 06018
02 2088 4227
aiidlilab@maba.co.kr