

Specialized in Bulletproof solution and
Accommodation interior

YGM Co., Ltd.



Venture company | ISO 9001 / ISO 14001

Bulletproof material | Accommodation Interior | Ship MRO | Inventory

YGM | 주 | 와이지엠
YGM Co., Ltd.

www.ygmarine.co.kr

COMPANY INTRODUCTION

Overview



As always, Constantly, Responsibly

President

Yeong-gwan, Lee

Established

Feb. 22nd, 2018

Patent & Certificate

ISO 9001, ISO 14001,

24 Patents (including joint application)

Business

Bulletproof, Accommodation,
MRO, Inventory

Location

186-26, Goldenroot-ro, Juchon-myeon, Gimhae-si,
Gyeongsangnam-do, Republic of Korea



Organization



President



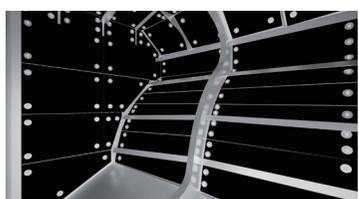
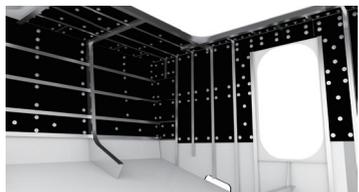
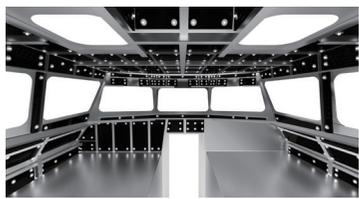


COMPANY INTRODUCTION

Main Business



Bulletproof panel



- Bulletproof panel for special ship (Navy, Coast guard)
- Bulletproof material for USV (Unmanned Surface Vehicle)



Bulletproof Drone Station



- Army post / Guard post / Observation post



Accommodation interior



- Cabin furniture
- Accommodation turn-key project



Ship MRO



- Remodeling for retired ship



Inventory



- Inventory (for Navy, Coast guard), other outfitting

COMPANY INTRODUCTION

Patent & Certificate



ISO 9001



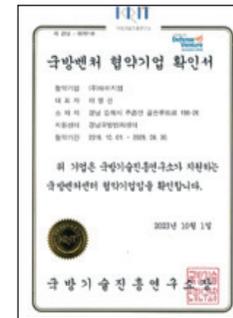
ISO 14001



Company affiliated research institute certificate



Confirmation of venture business



Confirmation of government defense venture company



Utility Model [Vessel bulletproof unit]



Patent [Vessel bulletproof unit]



Patent [Curved bulletproof board]



Patent [Curved bulletproof shield]



Patent [Bulletproof guard post]



Design Patent [Drone bulletproof booth]



Design Patent [Drone bulletproof booth]

History



2018

- ✓ **Established YGM Co., Ltd.**
- ✓ Contract : Accommodation turn-key project
 - Special patrol ship of K.C.G.(Korea coast guard) [2 ships]
- ✓ Contract : Supply
 - Bulletproof panel for special patrol ship of K.C.G. [2 ships]
- ✓ ISO 9001 Certificate
- ✓ Contract : Ship MRO project
 - PCC for Philippine navy

2019

- ✓ Patent registration : Bulletproof panel for ship
- ✓ Established Research institute
- ✓ Contract : Accommodation turn-key project
 - Fishery inspection ship of Korea government

2020

- ✓ **Investment attraction : Korean venture investment Corp.**
- ✓ Selected Gimhae technology transfer R&BD project

2021

- ✓ Contract : Accommodation turn-key project
 - Busan port information ship for B.P.A.
 - LNG hybrid patrol ship for Busan port
 - Fishery inspection ship for Korea government

2022

- ✓ Contract : Accommodation turn-key project
 - Water cleaning ship for Korea government
 - LNG oil spill response ship for K.C.G. [3 ships]
 - Research ship for National institute of fisheries science
 - Hospital ship for Korea government
- ✓ Contract : Ship MRO project
 - PKM ship of Nigerian navy
- ✓ Contract : Supply
 - Inventory for 200ton patrol ship of K.C.G. [7 ships]
- ✓ **Expansion of manufacturing facilities**

2023

- ✓ Contract : Accommodation turn-key project
 - 499ton oil tanker
 - Target ship for Korea ADD
- ✓ Contract : Supply
 - Inventory for 3000t patrol ship of K.C.G. [3 ships]
 - Fire fighting & Life saving equipment for 500ton patrol ship of Peru navy
 - Bulletproof panel for 200ton patrol ship of K.C.G.
- ✓ **Investment attraction : BlissVine Ventures**

2024

- ✓ Contract : Ship MRO project
 - PKM ship of Uruguayan navy
- ✓ Contract : Accommodation turn-key project
 - Busan port information ship of B.P.A.
 - Han river bus of Seoul city
- ✓ Contract : Supply
 - Bulletproof panel for PKMR ship of Korean navy



BULLETPROOF BUSINESS

We seek the
SAFETY
for our customers



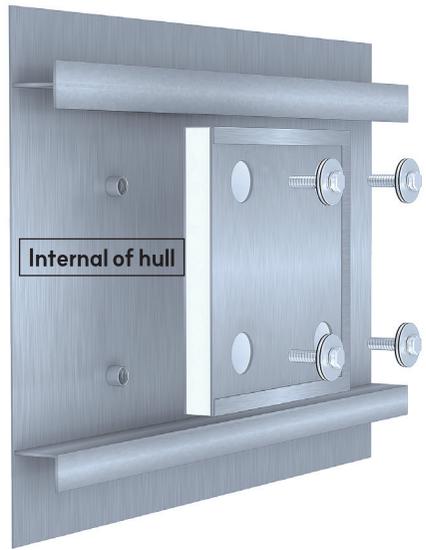


Bolt fastening type (AL cover)

Adhesion type (Carbon cover)



- 1 Patent [Vessel bulletproof unit]
- 2 Patent [Curved bulletproof board]
- 3 Utility Model [Vessel bulletproof unit]



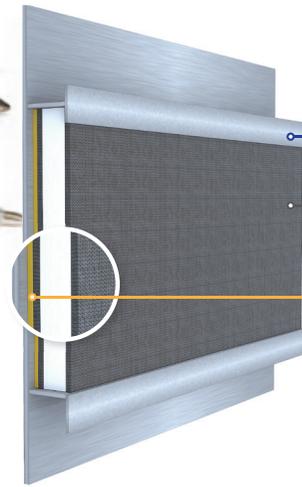
Lightweight design and manufacturing technology for bulletproof panel



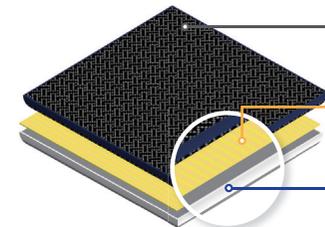
Satisfying bulletproof performance standards for NIJ, ROKN



Improve performance by constant research and development



AL / STL Hull
 UHMWPE + carbon cover
 Adhering with thermosetting or thermoplastic resin



UHMWPE + carbon cover
 Adhering with thermosetting or thermoplastic resin
 AL / STL Hull

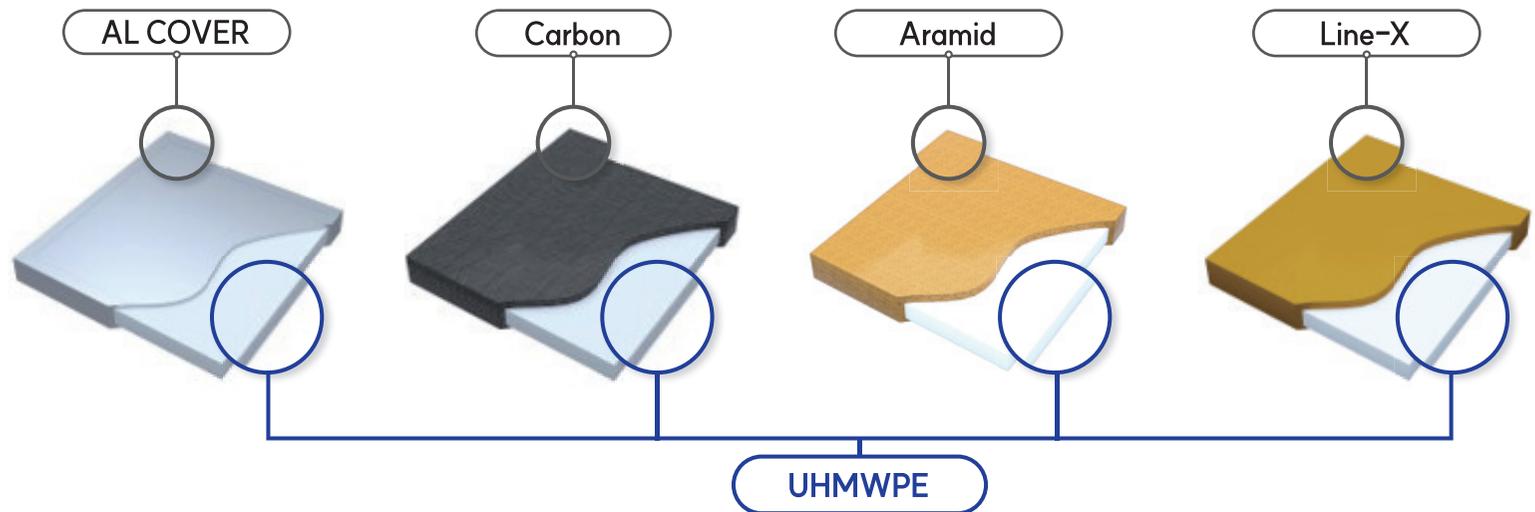


Bulletproof Panel



Bulletproof Panel

※ Density will be determined by protection conditions, hull material and thickness



YGM-KN5-A	
Thickness	12~22 mm
Density	12~20 Kg/m ²
Protection standards	NIJ, ROKN, STANAG
Applicable ship	Naval ship, Patrol ship

YGM-N3-C	
Thickness	10~21 mm
Density	11~20 Kg/m ²
Protection standards	NIJ, ROKN, STANAG
Applicable ship	USV, Patrol ship

YGM-N3-AR	
Thickness	11~22 mm
Density	11~21 Kg/m ²
Protection standards	NIJ, ROKN, STANAG
Applicable ship	USV, Naval ship, Patrol ship

YGM-N3-L	
Thickness	15~26 mm
Density	16~25 Kg/m ²
Protection standards	NIJ, ROKN, STANAG
Applicable ship	Naval ship, Patrol ship

BULLETPROOF BUSINESS



Bulletproof Panel

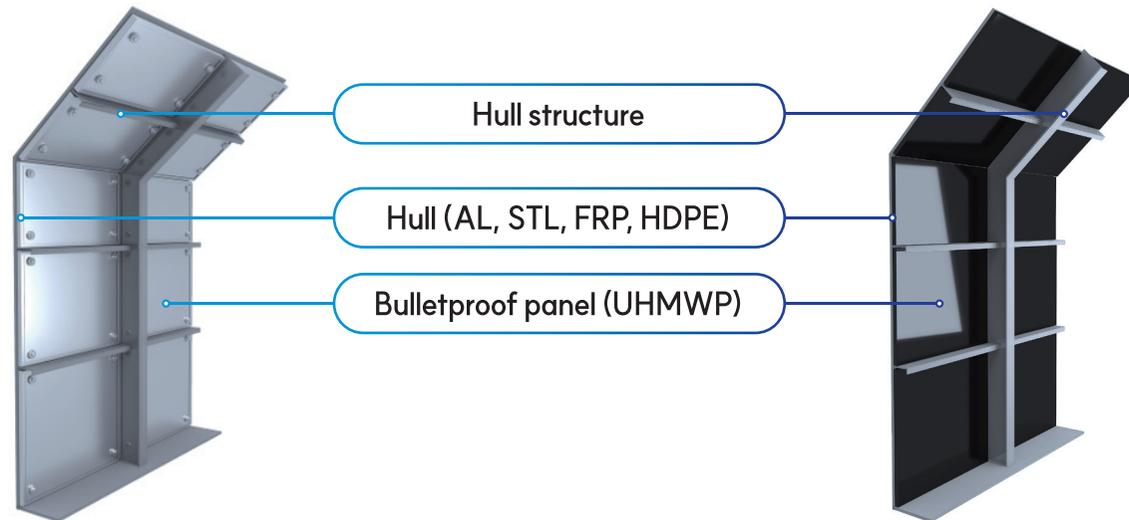


Bulletproof Panel

※ Density will be determined by protection conditions, hull material and thickness

Bolt fastening type (AL cover)

Adhesion type (Carbon cover)



	Hull material (AL, 4mm)	Hull Material (STL, 5mm)
Thickness	15~22 mm	12~16 mm
Density	15~20 Kg/m ²	12~20 Kg/m ²
Protection standards	NIJ, ROKN, STANAG	NIJ, ROKN, STANAG

	Hull material (AL, 4mm)	Hull Material (STL, 5mm)
Thickness (mm)	12~20 mm	12~16 mm
Density (Kg/m ²)	14~20 Kg/m ²	12~18.5 Kg/m ²
Protection standards	NIJ, ROKN, STANAG	NIJ, ROKN, STANAG

BULLETPROOF BUSINESS



Project performance

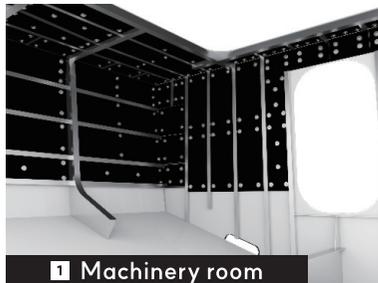
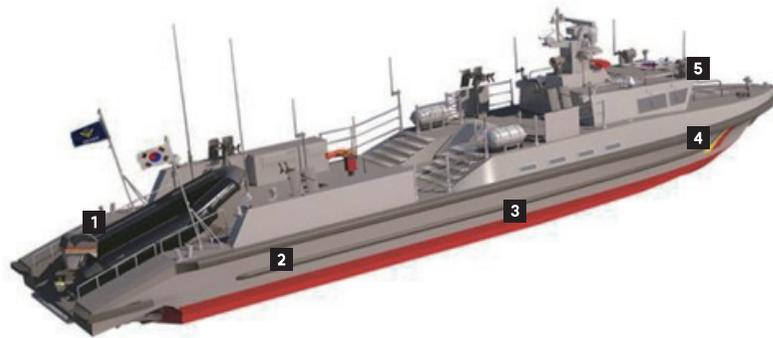
Applied ship



Weight reduction of ship



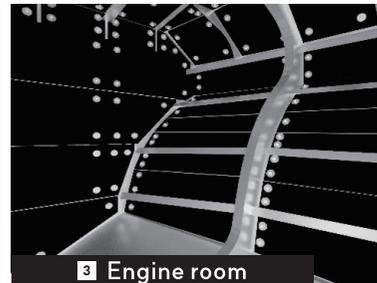
Improved Mobility and speed of ship



1 Machinery room



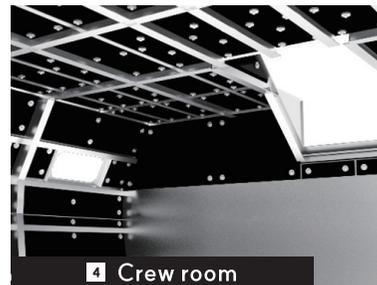
2 Ammo. store



3 Engine room



5 Wheelhouse



4 Crew room

NAME OF SHIP Special patrol ship for K.C.G.
SHIPYARD Human H.I.
SCOPE Supply & install bulletproof panel (2 ships)
PERIOD 2018~2019

NAME OF SHIP PKMR for R.O.K.Navy
SHIPYARD HJ S.C.
SCOPE Supply bulletproof panel (4 ships)
PERIOD 2024~

NAME OF SHIP 200ton patrol ship for K.C.G.
SHIPYARD Kangnam corp.
SCOPE Supply bulletproof panel (4 ships)
PERIOD 2021~2022

NAME OF SHIP 200ton patrol ship for K.C.G.
SHIPYARD Kangnam corp
SCOPE Supply bulletproof panel (1 ships)
PERIOD 2023~2024

BULLETPROOF BUSINESS



Bulletproof drone station



**UHMwPE,
Bulletproof steel plate**
(Protect human & equipment)



**Drone platform for
take-off & landing**
(Dual monitoring surveillance system by
human and drone)



**Customized design and
production to meet customer needs**
(Smart bulletproof posts for purpose
and circumstance)

Holding 2 Patents and 7 design patents for bulletproof station

Apply Bulletproof Material

- 1 Bulletproof panel
- 2 Wing platform (open/close)
- 3 Bulletproof window
- 4 Lift
- 5 Drone control station



- 1 Patent [Bulletproof guard post]
- 2 Design Patent [Drone bulletproof booth]
- 3 Design Patent [Drone bulletproof booth]

OPEN / CLOSE



OPEN

CLOSE

Vehicle TYPE





Bulletproof material for USV



USV (Unmanned surface vehicle)



USV for mine disposal

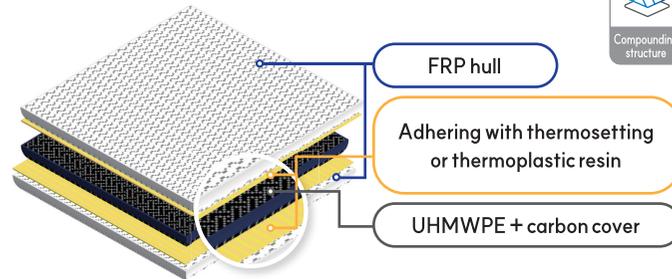
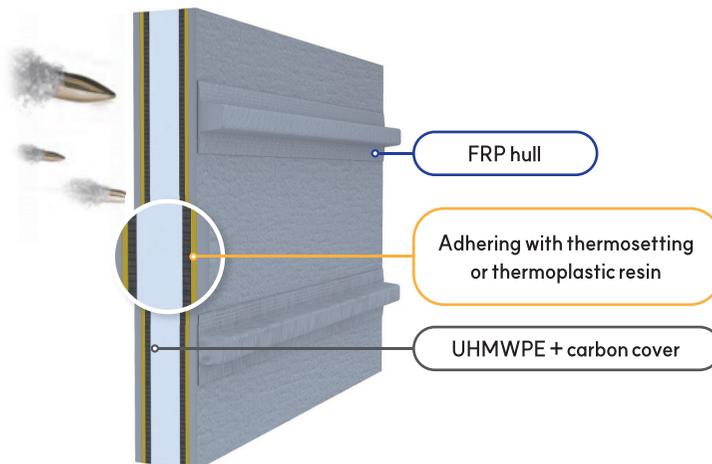


USV for combat

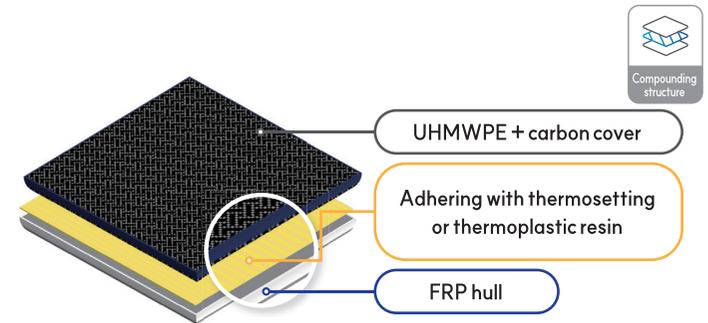
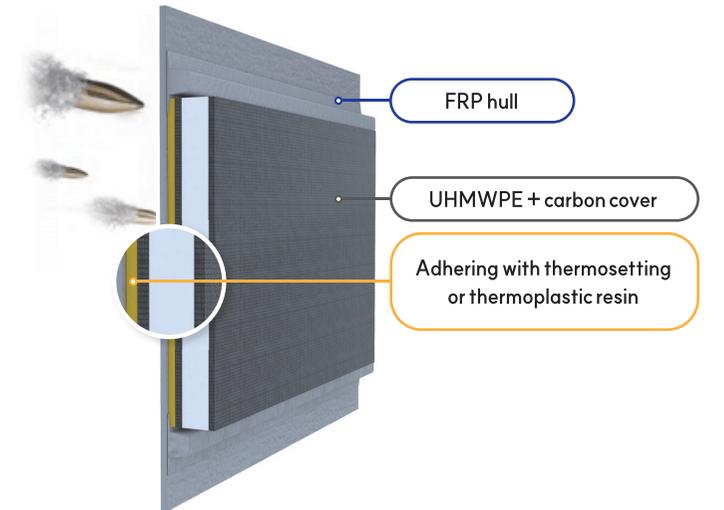


USV for scout

TYPE A



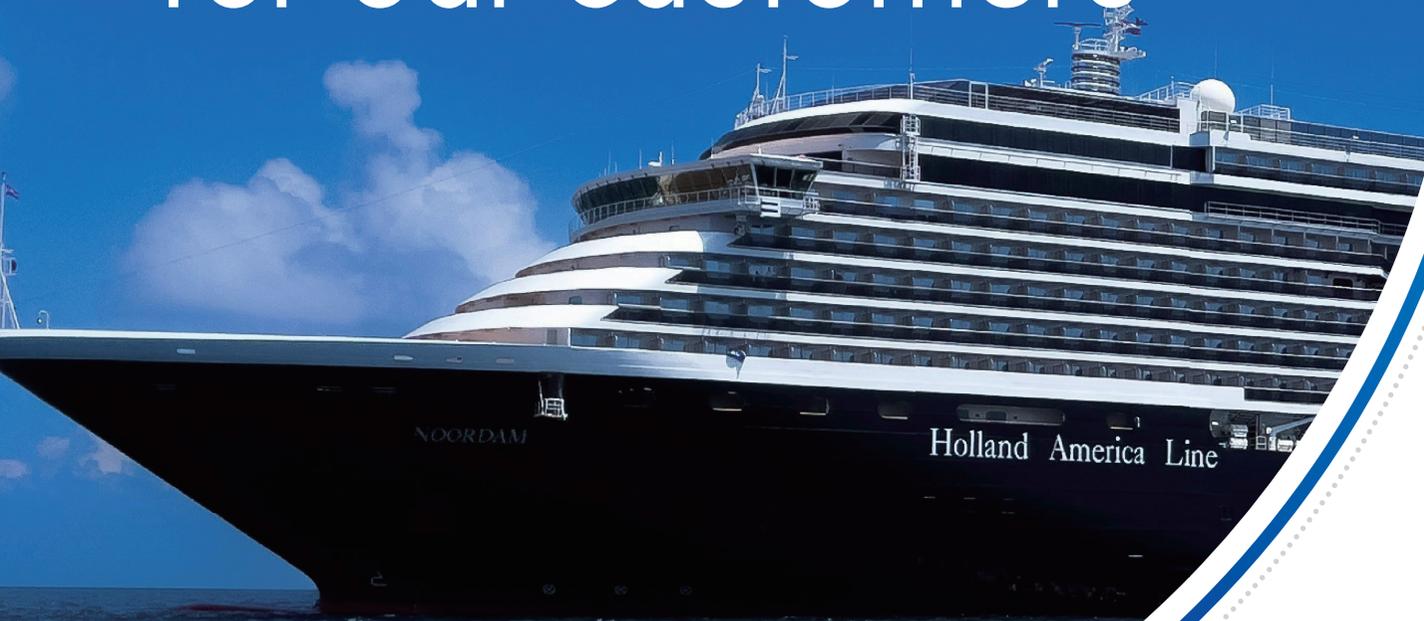
TYPE B





ACCOMMODATION INTERIOR

We seek the
COMFORT
for our customers



ACCOMMODATION INTERIOR



Cabin furniture for special ship

Total solution



Design / Plan

+



Production

+



Install / Assemble

Supply range



Supply and install for cabin furniture material



3D modeling, production and install for metal furniture



Metal furniture

Navy type

AL + DRY POWDER COATING



BERTH, MODULAR 2-T



BERTH, 2-T



DESK



WARDROBE

Coast guard type

AL FRAME + HONEYCOMB + HPM



2-TIER BED



1-TIER BED



DESK 1-PEDESTAL



WARDROBE

Based on 30 years of design experience supply smart assembly metal furniture for special ship.

ACCOMMODATION INTERIOR

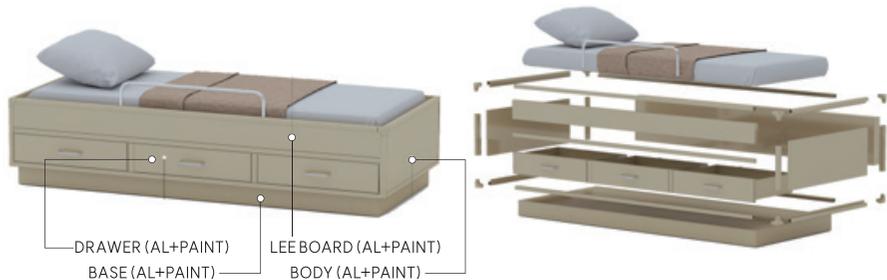


Cabin furniture for special ship

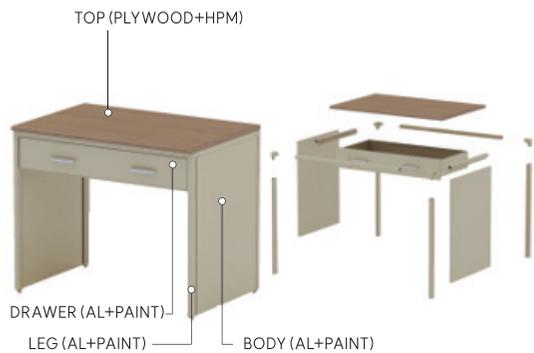


Navy type AL + DRY POWDER COATING

1 TIER BED



DESK



WARDROBE

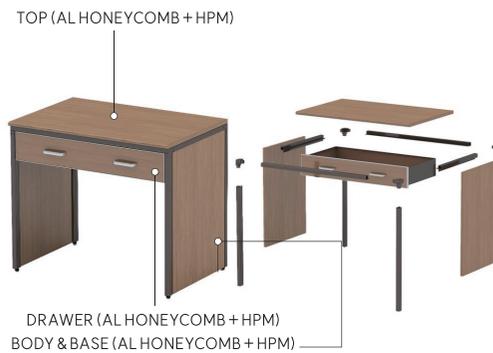


Coast guard type AL FRAME + HONEYCOMB + HPM

1 TIER BED



DESK



WARDROBE



ACCOMMODATION INTERIOR



Accommodation turn-key



01
ACCOMODATION
ARRANGEMENT



02
DESIGN PROPOSAL
& COLOR SCHEME

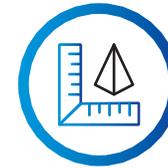
TURN-KEY SYSTEM



05
INSTALLATION



04
PRODUCTION



03
APPROVAL DRAWING



ACCOMMODATION INTERIOR



Accommodation turn-key



DESIGN PROPOSAL & COLOR SCHEME

- Working on 3D modeling by our design team.
- Can be applied customer feedback immediatly.
- Easy to select material color



APPROVAL DRAWING

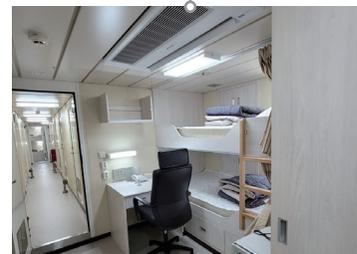
- Complete approval drawing
- Customer-focused design

TURNKEY INTERIOR PROCESSOR



PRODUCTION

- Our own in-company manufacturing site.
- Our production team produces the furniture directly



INSTALLATION

- Our own on-site installation team
- On-site modification can be applied immediately

Accommodation interior

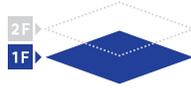
01

Busan port information ship / BPA



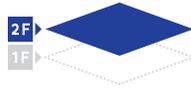
INTERIOR DESIGN

1st floor cabin



INTERIOR DESIGN

2nd floor VIP cabin





*** WALL PANEL**

- PVC FILM



*** DECK COVERING**

- DECO TILE



- VINYL SHEET



- EPOXY



*** INTERIOR FURNITURE**

- HPM



- MARBLE



- FABRIC



- FABRIC



*** INTERIOR CEILING**

- MIRROR PANEL



- ACRYL PANEL



- CLOUD PANEL



*** LIGHTING**

- DOWNLIGHT



*** WALL PANEL**

- PVC FILM



- LOUBER



- DECO TILE



- VINYL SHEET



- VINYL SHEET



- VINYL SHEET



- VINYL SHEET



*** INTERIOR FURNITURE**

- HPM



- LEATHER



- LEATHER



- LEATHER



- LEATHER



- LEATHER



- MIRROR PANEL



- INTERIOR FILM



- INTERIOR FILM



- INTERIOR FILM



- MARBLE



*** INTERIOR CEILING**

- MIRROR PANEL



- INTERIOR FILM



- INTERIOR FILM



- INTERIOR FILM



*** LIGHTING**

- DOWNLIGHT



Accommodation interior

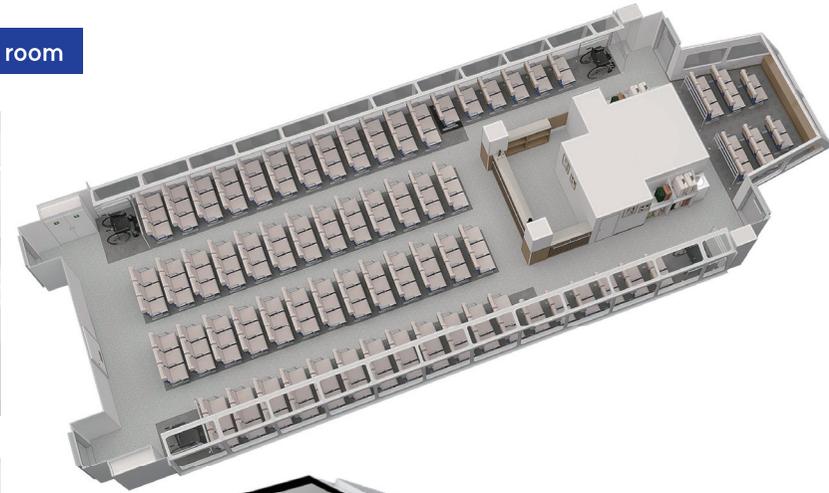
02

Han river bus / Seoul city



INTERIOR DESIGN

Wheelhouse & cabin room



*WALL & CEILING PANEL

- PLYWOOD W / HPM
- CLOUD PANEL



*DECK COVERING

- VINYL SHEET



*FURNITURE

- HPM
- LEATHER
- MARBLE



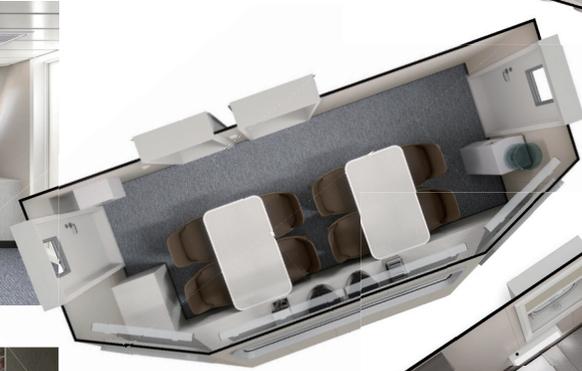


Accommodation interior

03

Fisheries science research ship / N.I.F.S

INTERIOR DESIGN Wheelhouse & Crew room



*WALL PANEL

-PVC FILM



*DECK COVERING

- DECO TILE - RUBBER TILE



*CEILING PANEL

- PAINT



*FURNITURE

- PAINT - HPM - LEATHER



Accommodation interior

04

LNG oil spill response ship / K.C.G.



INTERIOR DESIGN

WHEEL HOUSE



* WALL PANEL

-PVC FILM



* DECK COVERING

- DECO TILE



- RUBBER TILE



* CEILING PANEL

- PAINT



* FURNITURE

- PAINT



- HPM



- LEATHER



ACCOMMODATION INTERIOR



Project performance

No.	Shipyard	Ship name	Q'ty	Contract year
1	Human H.I.	Special partol ship for K.C.G.	2 ships	2018 ~ 2019
2	Human H.I.	Fishery patrol ship	1 ships	2019
3	Human H.I.	Fishery patrol ship	1 ships	2021
4	Mirae shipyard	LNG oil spill response ship for K.C.G.	3 ships	2022 ~ 2024
5	Mirae shipyard	Water cleaning ship	1 ships	2022
6	Haemin SHI	LPG hybrid partol ship	1 ships	2021 ~ 2024
7	Kangnam corp.	Busan port information ship	1 ships	2022 ~ 2024
8	Dongil shipyard	Fisheries science research ship	1 ships	2022 ~ 2023
9	Dongil shipyard	Hospital ship	1 ships	2022 ~ 2023
10	Dongil shipyard	499t oil tanker	1 ships	2023
11	Dongil shipyard	Target ship	1 ships	2023
12	Human H.I.	Water cleaning ship(hydrogen-powered)	1 ships	2024
13	Human H.I.	Guidance ship	1 ships	2024
14	Global H.I.	Han river bus	6 ships	2024 ~ 2025
15	Mirae shipyard	LNG oil spill response ship for K.C.G.	1 ships	2024 ~ 2025
16	Kangnam corp.	Busan port information ship	1 ships	2024 ~ 2025



SHIP MRO

We seek the
SATISFACTION
for our customer



SHIP MRO



Project performance

NAME OF SHIP PKC
SHIPYARD Keumha naval tech
END USER Philippine navy
SCOPE Engine, generator, Crane, Crew room, Deck covering, painting, etc.
PERIOD 2019



NAME OF SHIP PKM
SHIPYARD STX
END USER Nigerian navy
SCOPE Engine, Cabin room, Deck covering, painting, etc.
PERIOD 2022



NAME OF SHIP PKM
SHIPYARD STX
END USER Uruguayan navy
SCOPE Cabin room, Deck covering, painting, etc.
PERIOD 2024





INVENTORY

We seek the
CONVENIENCE
for our customer

INVENTORY



Project performance

Supply inventory and other fitting



No.	Shipyard	Ship name	Q'ty	Contract year
1	Human H.I.	Special patrol ship for K.C.G.	2 ships	2018 ~ 2019
2	Human H.I.	Fishery inspection ship	1 ships	2019
3	Human H.I.	Fishery inspection ship	1 ships	2021
4	Mirae shipyard	LNG oil spill response ship for K.C.G.	3 ships	2022 ~ 2024
5	Mirae shipyard	Water cleaning ship	1 ships	2022
6	SK Oceanplant	200t patrol ship for K.C.G.	7 ships	2023~2024
7	SK Oceanplant	3000t patrol ship for K.C.G.	3 ships	2023~2024



As always, Constantly, Responsibly
YGM Co., Ltd.

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YGM Co., Ltd.

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