

JONGHAP  
Offers reliable solutions  
for  
ship repairs  
Part reconditioning  
Supply of marine machinery, equipment & parts  
Sales & services agent  
and  
Whatever you may need

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- Jonghap Maritime Inc.
- Jonghap Maritime Engineering Inc.
- Jonghap Polestar Engineering Co., Ltd.
- Jonghap Machinery Co., Ltd.
- Jonghap Precision Co., Ltd.
- Jonghap Environment Technology Co., Ltd.



**We shall be your reliable neighbor to both the marine and the industrial field.**

**As years go by, each field of our society has been going through a rapid change and development.**

We believe that the most important of all is to do the best in the field and area that we belong to. That is why we, the whole family of JONGHAP put our utmost effort in learning every possible high technology there is.

Having begun with ship repairs and maintenance, we have now reached a point where we produce and manufacture specialized industrial and ship building materials and equipment stemming from introducing the outstanding techniques from abroad to the industry of our country. Furthermore, we have continuously put unbound effort in developing our own technology through industrial research and studies.

We, the JONGHAP family will create another area by an upgraded achievement through a more profound and specialized research and development with the hi-tech equipment and selected human resources together with the techniques and know-how that have been accumulated in the marine and industrial field so far.

We would like to extend our gratitude to all our customers and the neighbors who have always been in our support and guidance. We will be a more reliable and trustworthy JONGHAP for you.



# JONGHAP MARITIME INC.

(株)綜合海事



## Business Outline

(www.jonghap.co.kr)

### 1. Machinery & Steel works Division

- 1) Engine OVHL & repair
- 2) Aux. machinery repair
- 3) Propeller, Thruster & Rudder repair
- 4) Carpentry / Electric / Pipe / Steel outfitting works & hull repair
- 5) Chemical cleaning, repair or fabrication for heat exchangers
- 6) Conversion or Remodeling of passenger ships
- 7) KANAGAWA-KIKI F.O & L.O strainer sales and service agent
- 8) Cummins & High-speed engine repair, sales & part supply
- 9) F.O Shifter sales and service
- 10) Hydraulic System & Deck Machinery repair



### 2. Revolution Machinery Division

- 1) Repair & Part Supply for all types of Turbocharger
- 2) VTR T/C bearings & L.O pump reconditioning
- 3) Accredited service & part sales station for KBB Turbocharger
- 4) Accredited service & part sales station for NAPIER Turbocharger
- 5) Accredited sales & repair center for IHI/TOMOE decanter, separator & filter
- 6) KAWASAKI thruster maintenance
- 7) Turbine generator & steam turbine repair



• T/C Repair & Balancing

### 3. Sales Division

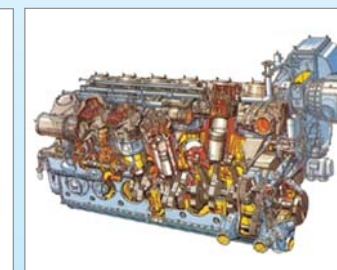
- 1) Sales of marine spare parts & equipment
- 2) Tools, utility & consumable for marine & industry
- 3) Authorized distributor for DONGKUK, YK Steel (plate & profile)
- 4) Authorized distributor for KCC marine coatings
- 5) Authorized dealer for Cummins RCM engine & ONAN gen-set
- 6) Certified Installation Center for SEAKEEPER Gyro Stabilization
- 7) Authorized distributor for WOOSHIN APEC Marine Lighting



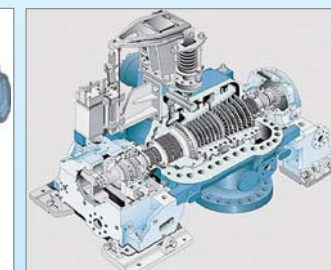
• KANAGAWA Filter



• Screw decanter



• V Type engine overhaul



• Steam turbine



• Hull plate renewal

**NAMHANG FACTORY** #22, Namhangnam-ro, Yeongdo-gu, Busan, Korea  
(Headquarters) Tel : +82-51-413-7701 / Fax : +82-51-412-8555 / E-mail : jm@jonghap.co.kr

**CHUNGHAK FACTORY** #27, Haeyang-ro 23, Yeongdo-gu, Busan, Korea  
Tel : +82-51-413-4277 / Fax : +82-51-412-7442 / E-mail : infoturbo@jonghap.co.kr

**DAEPYONG FACTORY** #39, Daepyongbuk-ro, Yeongdo-gu, Busan, Korea  
Tel : +82-51-413-7705 / Fax : +82-51-413-7708 / E-mail : spare@jonghap.co.kr sales@jonghap.co.kr



# JONGHAP MARITIME ENGINEERING INC.

(株)総合海事技術



## Business Outline

(www.jonghap-jme.co.kr)

### Product

#### Car securing equipment

- Fixed / Loose Materials for Passenger & Heavy Vehicles

### Agency

#### 1. DAIHATSU DIESEL ENGINE

- DAIHATSU DIESEL MFG. Co.,Ltd.(DDK)
- Diesel Generator Engine & Propulsion Engine Sales Agency
- DAIHATSU DIESEL NISHI-NIHON Co., Ltd.

#### 2. GERMAN LASHING Robert Böck GmbH

- Container Lashing Equipment

#### 3. SUNAMI MARINE Co., Ltd.

- All Kinds of Spare Parts for Machinery and Equipment

#### 4. MITSUBISHI HEAVY INDUSTRIES Ltd.

- Spare Parts & A/S for MET Turbo Charger
- Spare Parts & A/S for Turbine Generator

#### 5. MITSUBISHI KAKOKI KAISHA, Ltd.(MKK)

- Oil purifier, Decanter and Filters

#### 6. IHI Marine Co., Ltd.

- Spare Parts of Deck Machineries

#### 7. MOL Techno-Trade, Ltd.

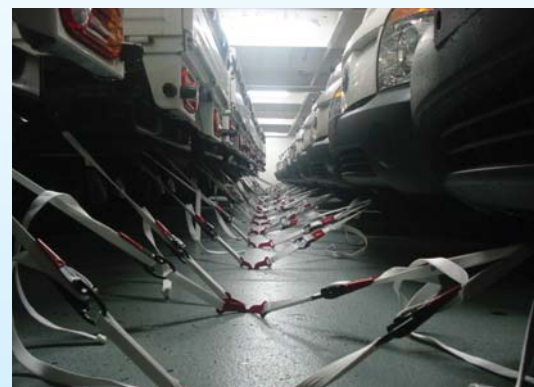
- P.B.C.F(Propeller Boss Cap Fin): Energy Saving Device

#### 8. DELLNER BRAKES AB

- Shaft Stopping, Turning & Locking System
- Marine & Industrial Disc Brakes

#### 9. XYLEM INC. (JABSCO)

- Flexible Rubber Impeller Pump
- Sliding Van Type F.O. Transfer Pump
- Electric Marine Toilet



**HEAD OFFICE** 528, Taejong-ro, Yeongdo-gu, Busan, Korea  
Tel : +82-51-403-2381 / Fax : +82-51-403-2409 / Homepage : www.jonghap-jme.co.kr / E-mail : jme@jonghap-jme.co.kr  
**SEOUL OFFICE** Tel : +82-2-773-2381 / Fax : +82-2-756-7077  
**FACTORY (JHK Inc.)** 12-30, Gimhaedaero 1031, Halim-Myeon, Gimhae-Si, Gyeongsangnam-Do, Korea  
Tel : +82-55-346-2225 / Fax : +82-55-346-2228 / E-mail : thpark@jonghap-jme.co.kr

# JONGHAP POLESTAR ENGINEERING CO., LTD.

(株)総合ポルスタ



## Business Outline

(www.jhpolestar.co.kr)

### SPECIAL WELDING WORKS

- TIG, MIG, PTA, SAW & Low Temp. Welding
- Special Hardfacing & Overlay(Cladding) Welding

### RECONDITION WORKS

: all kinds of 2 & 4 stroke Diesel Engines

#### - RECONDITION / OVERHAUL / REPAIR

- Cylinder Cover / Head
- Exh. v/v Spindle & Bottom Piece,
- Piston Crown, Rod, Skirt, and etc.

#### - CHROME PLATING

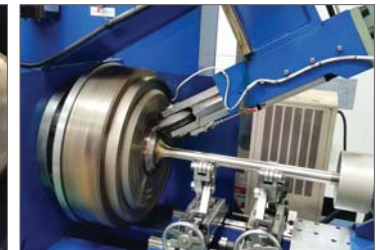
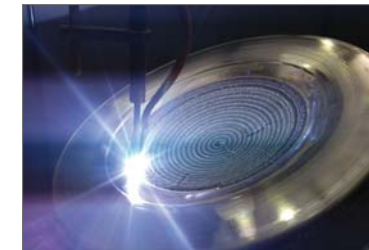
- Ring Groove for Piston Crown
- Stem Part for Exh. v/v Spindle
- Shaft and etc.

#### - HVOF COATING

- Piston Rod, Exh v/v Spindle & Cage

#### - OTHERS

- FIVA Valve
- F.O.Parts (Plunger & Barrel, Spindle Guide, Nozzle and etc.)



### NEW PRODUCTS

#### - Valve spindle & Bottom piece / seat for 2 & 4 Stroke Diesel Engines

#### - Product Order Options;

- Maker
- Model / Type
- Materials : SNCrW, NIMONIC, DURA, and ETC.



The new product of Jonghap Polestar is not concerned with genuine manufacturer.

### CERTIFICATES APPROVED:

#### - MAN DIESEL & TURBO

- Reconditioning of Exh. v/v DURA Spindle
- Cylinder cover : Inconel 625 Cladding using of the GMAW-P Process
- Piston crown : Inconel 625 Cladding using of the SAW & GMAW-P Process

#### - MITSUBISHI HEAVY INDUSTRIES

- Authorized Repair Agent of UEC Diesel Engines

#### - WÄRTSILÄ

- Inconel 625 Cladding Forged and Casting Cylinder Cover

#### - CLASSIFICATION

- WPS / PQR / WPQR BY ABS, KR, LR, NK, DNV-GL, BV, RINA

#### - ISO 9001 & 14001 (ABS)

**HEAD OFFICE** 313, Mieumsandan-Ro, Gangseo-Gu, Busan 618-220, Korea  
Tel : +82-51-403-5514~6 / Fax : +82-51-403-5517 / Homepage : www.jhpolestar.co.kr / E-mail : jonghap@jhpolestar.co.kr  
**CHROME WORKSHOP** 35, Noksansandan 261-ro, Gangseo-gu, Busan, Korea  
Tel : +82-51-831-5508 / Fax : +82-51-831-5510



# JONGHAP MACHINERY CO., LTD.

(株)綜合機械

## Main Products

(www.jonghap.biz)

### 1. Standard welding equipment

- Turning roll (Max. 1,000 TON)
- Anti drifting turning roll
- Welding manipulator
- Welding positioner
- Lifting positioner
- Head & Tail stock
- Turn table

### 2. Factory automation

- T-Bar auto welding line
- H-Beam build-up line
- Box girder manufacturing line
- Line pipe fabrication system

### 3. Special equipment

- Coal / Ore sampling system
- Transfer equipment
- Gantry welding machine
- Multi stage cold former

### 4. Marine equipment

- Sewage treatment plant
- Sewage holding tank
- Vacuum pump & toilet



# JONGHAP ENVIRONMENT TECHNOLOGY CO., LTD.

(株)綜合엔텍

## Main Products

(www.jhentec.co.kr)

- Ozone generator
- Drinking water purifying system for ship
- Air purifier using photocatalyst for ship
- Ozone U.V sterilizer for ship
- U.V sterilizer for ship
- Bottling mineral water ozone treatment system
- Ozonized water generator for food sterilization
- Ozone treatment system for waste water

