



### **ICC-INTRA COMMERCIAL CORPORATION**

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### **IPM-INTRA PRECISION MANUFACTURE CO., LTD.**

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### **Ho Chi Minh office**

INTRA COMMERCIAL CORP. - VIETNAM

ADD \_ No 33 Le Van Huan Str., W. 13 , Tan Binh dist. , HCMC

### **Jakarta Office**

INTRA COMMERCIAL CORP. - JAKARTA

THE MANSION BOUGENVILLE – FONTANA TOWER FL. 20th BF 20-C2

JL. TREMBESI BLOCK-D. BANDAR BARU KEMAYORAN – PADEMANGAN TIMUR

JAKARTA UTARA 14410 – INDONESIA

### **Dubai Warehouse**

INTRA COMMERCIAL CORPORATION FZC

ADD \_ 6135, B.C 1301666, Ajman Free Zone, Ajman - United Arab Emirates

# INTRA

**YOUR RELIABLE PARTNER**

WORLD BEST QUALITY AND CUSTOMERS SATISFACTION



INTRA COMMERCIAL CORPORATION [www.intraspare.co.kr](http://www.intraspare.co.kr)

INTRA PRECISION MANUFACTURE CO., LTD. [www.intrapre.com](http://www.intrapre.com)



# INTRA

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# Introduction

## ICC - INTRA COMMERCIAL CORPORATION

Since established in 1996, Intra Commercial Corporation supply various Marine Diesel spare parts

As the parent company of Intra Precision Manufacture Co.,Ltd, takes role of Marketing & Sales in domestic-foreign market and handle not only self-product but also various parts in each models.

ICC engaged exclusive agent with many qualified suppliers, posses huge stock, and perfect network with suppliers in order to build up competitiveness.

ICC does its best to support customer convenience by providing total service, including All-in-One system, from enquiry to logistics.

ICC stands by supporting for customers, whenever, wherever, whatever!!!

## IPM - INTRA PRECISION MANUFACTURE CO., LTD

Since established in 1998, Intra Precision Manufacture Co.,Ltd has manufactured main parts as Cylinder Liner, Cylinder Cover, Piston Crown for Marine Diesel Engines.

IPM produces various parts which cylinder bore 260mm to 600mm by optimal facilities.

IPM cooperates with Hitachi Zosen Fukui Corporation in Japan and supplies various parts for Press machinery.

since extention recocation in 2020, we grow into a world-class company by expanding state-of-the-art production facilities and developing high-quality work shop. Most of all concentrating in quality management by strict inspection.

In 2013 IPM proceeded Innovation Campaign and Productivity Movement in order to deliver highest satisfaction.

Keep your eyes on IPM as it leads in the industry and develop into a world-class company!!!



# Company Outline

## ICC - INTRA COMMERCIAL CORPORATION



<b>Establishment</b>	1996
<b>CEO</b>	Yong Soo, Bae
<b>Business Field</b>	Marketing & Sales for Marine Diesel Engine spare parts in domestic and oversea
<b>Main Products</b>	Engine part for various models
<b>Address</b>	17, Hwajeonsandan 6-ro 32beon-gil, Gangseo-gu, Busan, Korea
<b>Tel / Fax</b>	82-51-466-4635 / 82-51-466-4636
<b>E-mail</b>	info@intraspare.co.kr

# IPM - INTRA PRECISION MANUFACTURE CO., LTD



<b>Establishment</b>	1998
<b>CEO</b>	Yong Soo, Bae
<b>Business Field</b>	Ultraprecision Processing(Steel casting & forging) Marine diesel engine parts.
<b>Main Products</b>	Cyl. Liner, Cyl. Head, Piston Crown
<b>Address</b>	17, Hwajeonsandan 6-ro 32beon-gil, Gangseo-gu, Busan, Korea
<b>Tel / Fax</b>	82-51-418-6750 / 82-51-418-6751
<b>E-mail</b>	info@intrapre.com

# Company History

## 1990s

- 1996.04 Intra Commercial Corporation established
- 1998.06 Gyung-gi Marine Service established  
(EX-Intra Precision Manufacture Co.,Ltd)

## 2000s

- 2001.05 Obtained DNV ISO 9001-2008 Certificate
- 2008.08 Changed company name to “Intra Precision Manufacture Co.,Ltd”
- 2008.09 Obtained MAIN-Biz Business Certificate

## 2010s

- 2010.03 Participated APM, Singapore
- 2010.06 Participated POSIDONIA, Greece
- 2010.09 Obtained Venture Enterprise Certificate
- 2011.03 Participated Maritime Vietnam, Vietnam
- 2011.09 Participated Oil & Gas Indonesia, Indonesia
- 2011.08 Obtained Clean-Workshop Certificate
- 2011.10 Participated KORMARINE, Korea
- 2012.02 Registered in Hitachi Zosen Fukui Corporation
- 2012.03 Participated APM, Singapore
- 2012.05 Participated INAMARINE, Indonesia
- 2012.06 Participated POSIDONIA, Greece
- 2013.03 Participated INMEX Vietnam, Vietnam
- 2013.05 Participated BUTECH, Korea
- 2013.12 Obtained Global Leading Company
- 2014.05 Participated INAMARINE, INDONESIA
- 2014.06 Participated POSIDONIA, GREECE
- 2014.06 Signed Contract with Chinese Man Licensee Engine Maker  
Antai for supplying Cyl. Liner
- 2014.10 Participated SMM, GERMANY

- 2016.02 INTRA Commercial Corporation Move to Busan,  
Saha-Gu Office and Warehouse (3500m<sup>2</sup>)
- 2017.04 Participated SEAAISA, SINGAPORE
- 2017.10 Participated Marintec China 2017, Shanghai, China
- 2018.03 Participated POSIDONIA 2018, Atenes, Greece
- 2018.07 Participated INAMARINE 2018, Jakarta, Indonesia
- 2019.02 Open Jakarta Branch Office
- 2019.08 Participated INAMARINE 2019, Jakarta, Indonesia
- 2019.09 Open Dubai Warehouse (252.16m<sup>2</sup>)
- 2019.10 Obtained Main-Biz Certificate

## 2020s

- 2020.01 Open Vietnam Office
- 2020.08 INTRA Commercial Cooperation & INTRA Precision Manufacture Co.,Ltd  
move to Busan Hwajeonsandan  
(Factory, Warehouse and Office - 18,800m<sup>2</sup>)



# Organization I

## ICC - INTRA COMMERCIAL CORPORATION





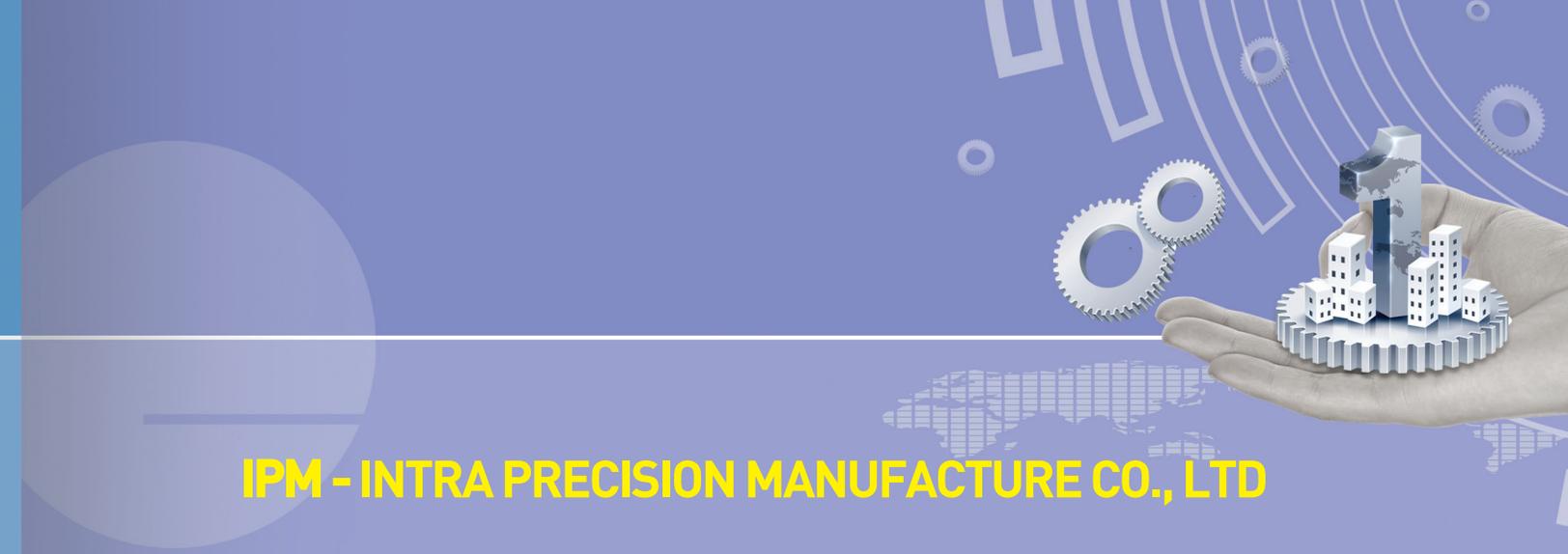
# ICC - INTRA COMMERCIAL CORPORATION



# Organization II

IPM - INTRA PRECISION MANUFACTURE CO., LTD





# IPM - INTRA PRECISION MANUFACTURE CO., LTD



# Products

## IPM-CYLINDER COVER

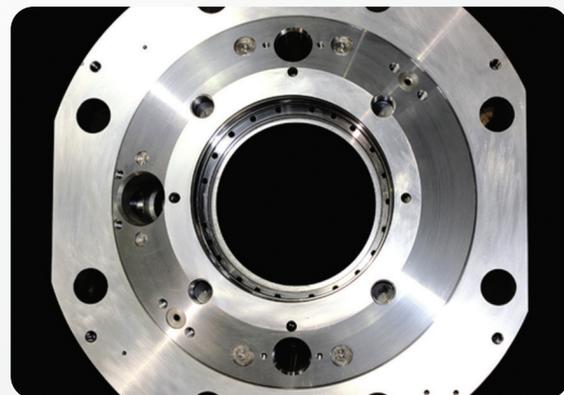
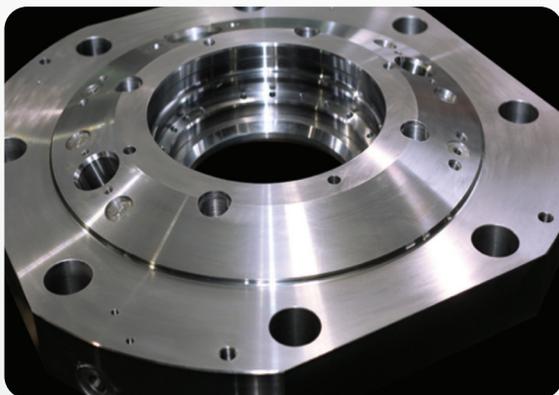
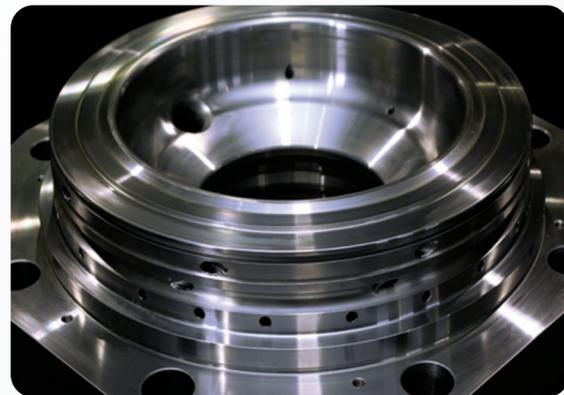
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We manufacture Cylinder Cover for marine diesel engine (2 Stroke Cylinder Bore Size from 260mm upto 600mm)

Cylinder Cover is one of components for combustion chamber along with Cylinder Liner, Piston.

Exhaust valve, Fuel valve, Starting valve, Safety valve are assembled on Cylinder Cover and contacted in upper side of Cylinder Liner by Elastic studs.

The material is approved Steel Forging and We supply with LR/KR cert.



# Products

## IPM-PISTON CROWN

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We manufacture Piston Crown for marine diesel engine (2-stroke, cylinder bore from 260mm up to 600mm)

Piston Crown is one of components for combustion chamber along with Cylinder Liner, Cylinder Cover.

Piston Crown absorbs compression & explosion power and piston rod can be performed up-stroke & down-stroke in the cylinder liner.

The material is approved Steel Forging and We supply with LR/KR cert.



# Products

## IPM-CYLINDER LINER

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We manufacture Cylinder Liner for marine diesel engine (2-stroke & 4-stroke, cylinder bore from 260mm up to 600mm) Cylinder Liner takes a role path of piston motion during engine pass process of “suction-compression-explosion-exhaust” and making combustion chamber. The material is approved Tarkalloy or FC300 and We supply with LR/KR cert.



# Products

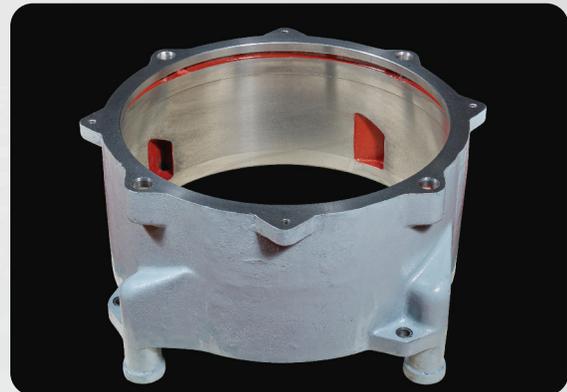
## IPM-CYLINDER HEAD & COOLING JACKET

We manufacture Cylinder Head and Cooling Jacket for marine diesel engine as well as power plant.

Cylinder Head 4 Stroke bore size from 160mm upto 580mm and Cooling Jacket 2 Stroke bore size from 330mm upto 600mm.

Our Cylinder Head is made by approved raw material with LR/KR cert.

Standard supply scope is Head with Sleeve, Valve Seat and Guide.



# Products

## ICC-KOREAN OEM PARTS AND OUR WAREHOUSE

INTRA Commercial Corporation has one of biggest stock and warehouse in Korea and possess various kind of KOREAN OEM PART STOCK.



# Products

## ICC-STOCK

INTRAPROCESS possess huge stock of various products in each models, in response to customer's urgent requirement.  
(Complete product or semi-finished product)



# Facilities

## SETTING AUTOMATION SYSTEM FOR EFFICIENCY & PRECISION IN EACH PROCESS



▲ CNC LATHE



▲ CNC LATHE



▲ CNC LATHE



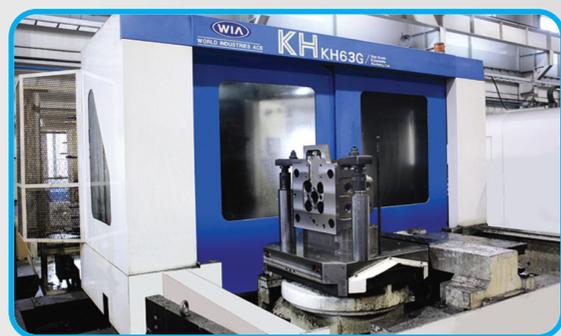
▲ CNC BORING

# Facilities

## SETTING AUTOMATION SYSTEM FOR EFFICIENCY & PRECISION IN EACH PROCESS



▲ 3D MEASUREMENT



▲ MACHINING CENTER



▲ MACHINING CENTER



▲ CNC TURNING



▲ MACHINING CENTER

# Facilities Status

## ○ General Purpose Lathe

NO	Maker	Model	Specifications		
			Swing over bed	Distance between centers	Chuck Size
1	Hankook Machine Tools	HPL	900mm	3,000mm	700mm
2	WIA	NARA6015	600mm	1,500mm	350mm
3	Hankook Machine Tools	PROTEC-18	1,320mm	5,000mm	1,000mm
4	Hankook Machine Tools	HPL	900mm	3,000mm	700mm
5	OKUMA	LDA	1,060mm	3,000mm	820mm
6	S&T	TIPL-410	410mm	1,060mm	220mm

## ○ CNC Lathe

NO	Maker	Model	Specifications		
			Swing over bed	Maximum Length	Chuck Size
1	WIA	SKT400C	780mm	1,200mm	530mm
2	WIA	SKT400C	780mm	1,200mm	530mm
3	Hankook Machine Tools	PROTEC-13N	1,300mm	3,000mm	1,000mm
4	Hwacheon	MEGA-130	1,300mm	3,000mm	1,000mm
5	Hwacheon	MEGA-130	1,300mm	3,000mm	1,000mm

## ○ General Purpose Boring

NO	Maker	Model	Specifications		
			Spindle Diameter	Table dimension	Max. Load on Table
1	WIA	KB-10A	100mm	1,400mm × 1,200mm	6,000kg
2	WIA	KB-100	100mm	1,400mm × 1,200mm	6,000kg

# Facilities Status

## ○ CNC Turning

NO	Maker	Model	Specifications		
			Swing over bed	Max. Turning Diam. x Length	Chuck Size
1	Tongil H.I.(S&T)	TVL-160C	2,050mm	2,000mm x 900mm	1,590mm

## ○ CNC Boring

NO	Maker	Model	Specifications		
			Swing over bed	Maximum Length	Chuck Size
1	Toshiba	BTD-200Q	110mm	1,000mm x 1,000mm	3,000kg
2	Toshiba	BTD-200Q	110mm	1,000mm x 1,000mm	3,000kg
3	DOOSAN MACHINE TOOLS	DBC130	130mm	1,600mm x 1,400mm	8,000kg

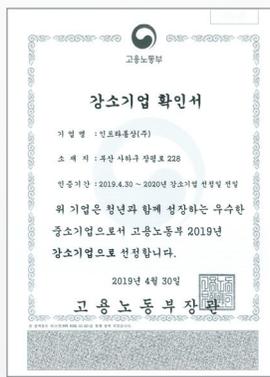
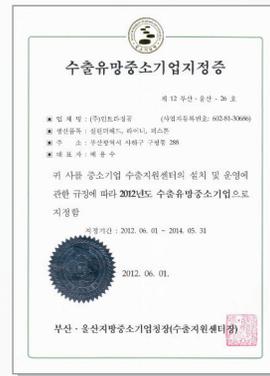
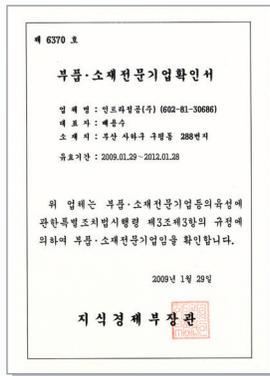
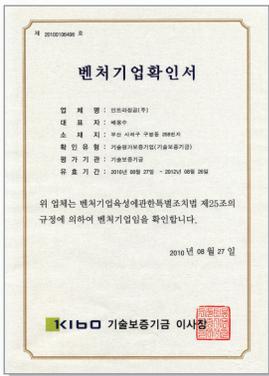
## ○ Machining Center

NO	Maker	Model	Specifications		
			ATC	Table dimension	Max. Load on Table
1	Daewoo	ACE-H100	60 pcs	1,000mm x 1,000mm	3,000kg
2	WIA	KH63G	40 pcs	630mm x 630mm	1,000kg
3	WIA	KH63G	40 pcs	630mm x 630mm	1,000kg
4	WIA	KH63G	40 pcs	630mm x 630mm	1,000kg
5	Daewoo	HM800	60 pcs	800mm x 800mm	2,000kg
6	DOOSAN MACHINE TOOLS	HM1250	60 pcs	1,250mm x 1,250mm	5,000kg
7	WIA	F650/50	40 pcs	650mm x 1,100mm	1,000kg

## ○ QC

NO	Maker	Model	Specifications
1	Mitutoyo	CRT-SD9168	3D measurement
2	Nautech	MY-2	survey material by magnetic
3	Mitutoyo	SJ-210	illumination measurement

# Certificate for Quality System



# Exhibition

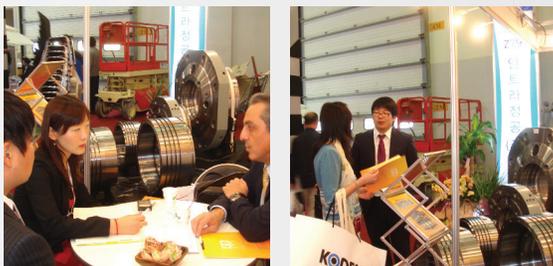
## ◉ KORMARINE (Korea,2011)



## ◉ APM (Singapore,2012)



## ◉ INAMARINE (Indonesia,2012)



## ◉ POSIDONIA (Greece,2012)



## ◉ SMM (GERMANY, 2014)



## ◉ SEA ASIA (Singapore,2017)



## ◉ MARINTEC CHINA (China, 2017)



## ◉ POSIDONIA (Greece, 2018)

