

World Class Foundry

# **JINHEUNG FOUNDRY**





## OUR MISSION

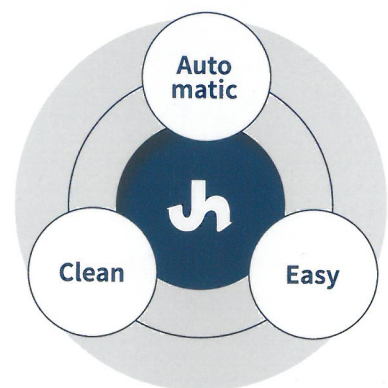
JINHEUNG, as one of major suppliers for automobile, Commercial vehicle and hydraulic industry, is committed to the following

### ENVIRONMENTAL POLICY

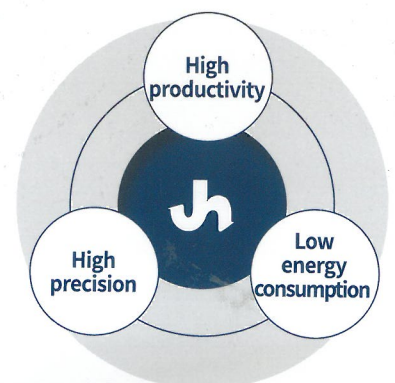
JINHEUNG will set the environmental goal and related guidelines To be obeyed strictly, in order to minimize the pollution and contribute the improvement of the surrounding environment.

### QUALITY POLICY

JINHEUNG is committed to improve the processes and products continually. We will strive to meet customer satisfaction.



**ACE FOUNDRY**



**POWERFUL FACTORY**



# HISTORY

2022 - >>  
2010

- JUL. 2022 • ESG 'Excellence' Grade by Korean Standards Association
- SEP. 2019 • CEO won Bronze Tower Order of Industrial Service Merit

2015 - >>  
2010

- DEC. 2015 • Hyundai Kia Motors SQ Mark 'A' Grade
- NOV. 2014 • GM Supplier Quality Excellence Award
- OCT. 2012 • Installed New Gunsan Plant
- DEC. 2010 • Won the Prize for Twenty Million USD Exports.

2009 - >>  
1991

- JAN. 2009 • Won the Presidential Award in casting technical competition fair
- JUN. 2005 • Established R&D institute
- NOV. 2004 • Certified ISO14001, TS16949
- NOV. 2001 • Certified SQ mark by HYUNDAI / KIA Motor Corp
- NOV. 2001 • Won the gold award in 1st KFS casting technical competition fair
- DEC. 2000 • Certified QS9000/ISO9002
- JUN. 1998 • Installed current Incheon Plant
- JUN. 1991 • Established JINHEUNG Foundry Co., Ltd.

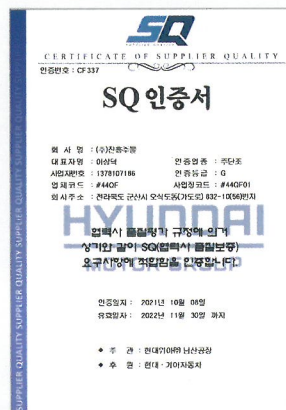
# CERTIFICATES



IATF16949 (24.06)



ISO45001 (23.12)



SQ Cert (22.11)



GM SQ Excellence Award (2020)

## MAIN PRODUCTS

### BRAKE & STEERING PARTS



**HUB / FCD500**  
ASTM 80-55-06



**DISC / FC250**  
ASTM G3500



**SPPT.BEAM / FCD500**  
ASTM 80-55-06



**KNUCKLE/ ADI**  
ASTM 130-90-09



**CONTROL ARM / ADI**  
ASTM 130-90-09



**STEERING ARM / ADI**  
ASTM 130-90-09

### HYDRAULIC PARTS



**VALVE CASING / FCD700**  
ASTM 100-70-03



**REAR FLANGE / FCD450**  
ASTM 65-45-12



**CYLINDER BLOCK / FCD600**  
ASTM 80-60-03



**IDLER / ADI**  
ASTM 130-90-09



**SPINDLE / FCD450**  
ASTM 65-45-12

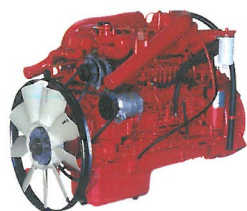


**HUB / FCD700**  
ASTM 100-70-03



## MAIN PRODUCTS

### ENGINE & MOTOR PARTS



**BRG. CAP** / FCD500  
ASTM 80-55-06



**BED PLATE** / FC250  
ASTM G3500



**FWH** / FC250  
ASTM G3500



**FLY WHEEL** / FC250  
ASTM G3500



**EX.MANIFOLD** / FCD400  
ASTM 60-40-18



**SUPPORT RING** / FCD500  
ASTM 80-55-06

### DIFFERENTIAL PARTS



**DIFF. CARRIER** / FCD450  
ASTM 65-45-12



**DIFF. CARRIER** / FCD450  
ASTM 65-45-12



**DIFF.CASE** / FCD500  
ASTM 80-55-06

### ROBOT PARTS



**ROBOT ARM** / FCD450  
ASTM 65-45-12



**SHAFT** / FCD450  
ASTM 65-45-12



**CASE** / FCD450  
ASTM 65-45-12

## OVERVIEW

	Gunsan	Incheon
Annual	36,000Ton	30,000Ton
Land Area	33,000m <sup>2</sup>	11,880m <sup>2</sup>
Material	GCI(FC200~300)/DCI(FCD400~700)/HISIMO	GCI(FC200~300)/DCI(FCD400~700) /ADI(FCD750~1600)

## MANUFACTURING FACILITIES

Facilities	Gunsan		Incheon	
	Specification	Maker	Specification	Maker
Induction Furnace	5Ton:2 sources 2 bodies	Inductotherm(USA)	6Ton:1 source 2 bodies	AJAX(USA)
	5Ton:1 source 2 bodies	Inductotherm(USA)	3Ton:2 sources 2 bodies	Inductotherm(USA)
Auto-Molding line	200molds/Hr- 700x900x250/300	Sinto(JPN)	180molds/Hr- 700x900x250/250	+GF+(SWZ)
Sand Plant	Mixer:150tons/Hr	Eirich(GER)	Mixer:140tons/Hr	+GF+(SWZ)

## INSPECTION FACILITIES

Facilities	Gunsan		Incheon	
	Specification	Maker	Specification	Maker
Spectrometer	20 sort	OBLF(GER)	14 sort	OBLF(GER)
Microscope	X1,000	Olympus(JPN)	X1,000	Leica(UK)
C-S Analyzer	C : 0 ~ 6.0% S : 0 ~ 0.4%	Leco(USA)		
Magnetic Test	Conveyor Type	Kangsung(KOR)	Yoke Type	ITEC(KOR)
Radiographic Test			Y-ray	ITEC(KOR)
Ultrasonic Test	0mm to 10,000mm	Olympus(JPN)	0mm to 10,000mm	Olympus(JPN)
RAM	Resonant Acoustic Method	Modalshop(USA)		



## ADVANTAGES OF EQUIPMENTS



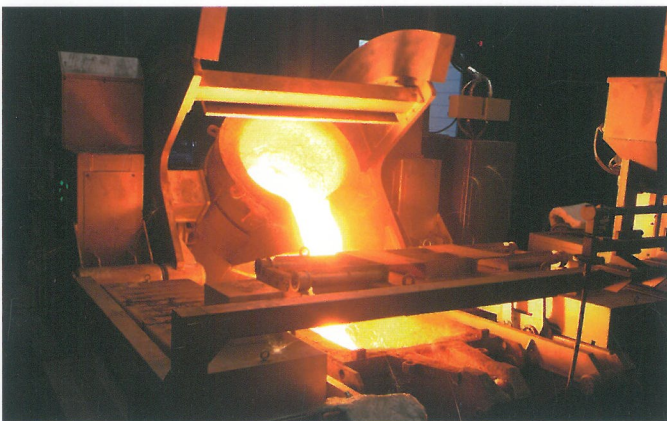
### VACUUM SAND MIXER

- Higher mixing efficiency



### SQUEEZE MOLDING LINE

- Higher mold strength : Hydraulic squeeze



### AUTO POURING MACHINE

- Increase quality reproducibility



### COOLING LINE

- More stable hardness

## MAJOR CUSTOMERS





# JINHEUNG FOUNDRY



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