



DO IT WITH **HIGHONE**

WE CREATE INNOVATION BY BUILDING TRUST





CONTENTS

CONTENTS	01
GREETING	02
HISTORY	03
CERTIFICATE	05
CLIENTS	06
PRODUCT	07
FACILITIES	09
FORGING LINES	10
AFTER TREATMENT	11
INSPECTION FACILITIES	12
FORGING PROCESS/AFTER TREATMENT PROCESS	13

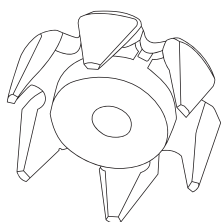
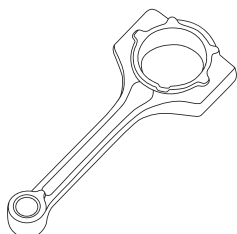
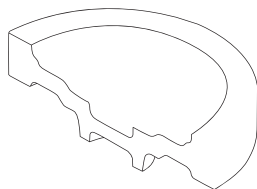
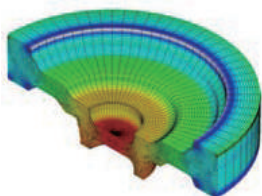
GREETING

Highone Co., Ltd. is the best forging parts manufacturer with the best quality and highest grade technology.

Since its foundation as an after treatment company, we've extended its business to hot forging with forging hammer and forging press. Highone has been making an effort to be the best manufacturer in forging industries with innovative technical development to satisfy partners with the best quality and service. Therefore, Highone will be a reliable partner with continuous effort for your satisfaction.



HISTORY



AT THE
CUSTOMER
FOR THE
CUSTOMER





2005 Establishment of highone

2006 ISO9001 Certificate

2010 Establishment of forging factory

2012 Establishment of Kimhae factory

2012 S.Q Certificate

2015 Establishment of R&D center

2016 Patent for forging machine

2018 Certificate of energy champion

2018 IATF16949 Certificate

2020 Promising Export SME

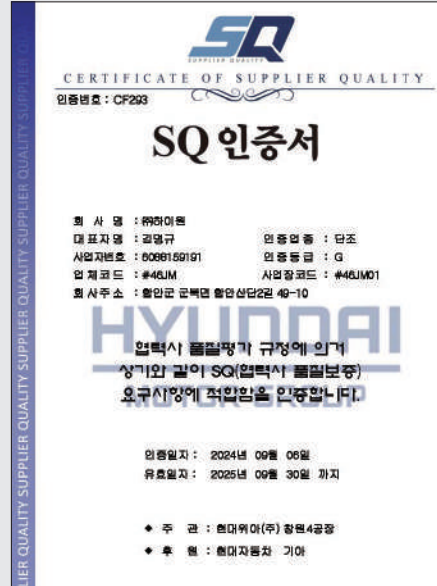
2023 Ppuri technology sepcialized company

2024 Establishment of Haman 2nd factory

CERTIFICATE



IATF16949



SQ CERTIFICATE

PATENT FOR
FORGING MACHINE

ENERGY CHAMPION



R&D CERTIFICATE

PPURI TECHNOLOGY
SPECIALIZED COMPANY

CLIENTS

Hyundai motors

DIC

General motors

Bridgestone

ACPS

OTO

Hyundai WIA

Brink

KIA motors



www.highone.co.kr

PRODUCT



CONNECTING ROD



OUTER RING



UP ARM SHAFT



TRANSFER DRIVE



GEAR ANNULUS FR



HYPOID GEAR



CUP CARRIER



COUNTER SHAFT



PLATE PLANET CARRIER



MAIN BODY



SIDE MEMBER



BALL NECK

Hot forging parts from 0.1kg ~ 30kgs are available.



LINK



ROD BRACKET



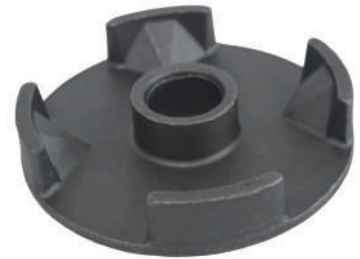
DIFFERENTIAL CARRIER



OUTPUT GEAR



GEAR



SPIDER GEAR



GEAR



PINION SHAFT



HOUSING



TOW BAR



RV GEAR



CORE METAL

FACILITIES

Line	Description	Spec	Quantity
Forging hammer line	Air drop hammer	2ton	1
	Hydraulic hammer	3ton	1
Forging press line	Crank press, Auto	1,000ton	1
	Crank press, Manual	1,350ton	1
	Crank press, Manual	1,600ton	1
	Crank press, Auto	2,000ton	1
	Crank press, Manual	2,000ton	1
	Crank press, Auto	2,500ton	2
	Crank press, Auto	4,000ton	1
After treatment	Shot blast	1ton	4
	Coining press (Cold sizing)	250ton	1
		400ton	1
		630ton	1
		650ton	1
		1,000ton	1
	Magnetic particle inspection		4
	SRA	700kg	2
	CNC		2
	Straightening machine	50ton	2
	Burr remover		5
	Rust preventing oil spreader		3
	Lazer marking machine		1
	Band saw		3

FORGING LINES

HAMMER

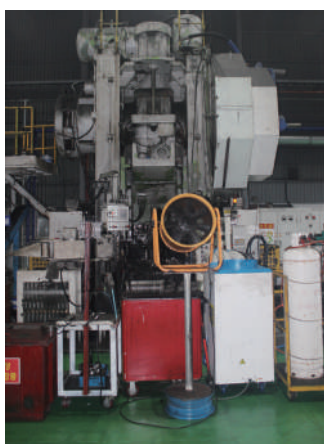


AIR DROP HAMMER
2ton

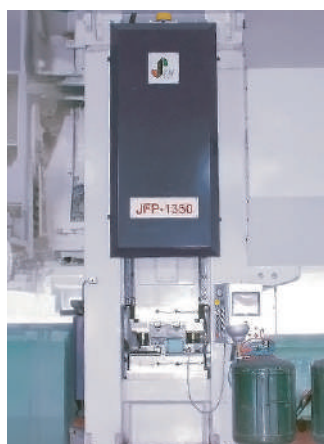


HYDRAULIC HAMMER
3ton

PRESS



1,000ton



1,350ton



1,600ton



2,000ton



2,000ton



2,500ton



2,500ton



4,000ton

AFTER TREATMENT



SHOT BLAST



MPI



COINING PRESS



SRA

INSPECTION FACILITIES

Measuring instrument				
Description	Quantity	Range	Minimum scale	ETC
CMM (Hexagon)	1	Measuring Range (X=500mm, Y=600mm, Z=400mm)	-	Easy Run_ Multi-Fictures
Compression testing machine(KDMT-156-10)	1	Capacity : 10,000kg/f	-	Control box
Dimensional measuring machine(KOSAKA)	1	Z axis : 50mm X axis : 0.1μm	-	-
Component analyzer (Emission spectrochemical)	1	(Wavelength range) 130nm~780nm	(Focus range) 350mm	Fe,C,Si,Mn,P,S,Cu,Ni
Component analyzer(Portable)	1		-	-
Rockwell hardness tester	1	(Test load) 60Kgf, 100Kgf, 150Kgf	-	Test mode : Auto
Brinell hardness tester	1	(Test load) 500Kgf~3000Kgf	-	Test mode : Auto
Specimen polishing machine	2	0~1800rpm	-	
Mounting press	1			
Optical microscope	1	x50 ~ x500		
Hardness test software	1	(HBD)0 ~ 6.0mm	0.01mm	
Radiation thermometer	1	-50°C ~ 1500°C	1°C	
UV irradiance meters	1	0 ~ 20000LUX	1LUX	



FORGING PROCESS



CUTTING



HEATING



FORGING



TRIMMING

AFTER TREATMENT PROCESS



SHOT BLAST



COINING



MPI



SRA



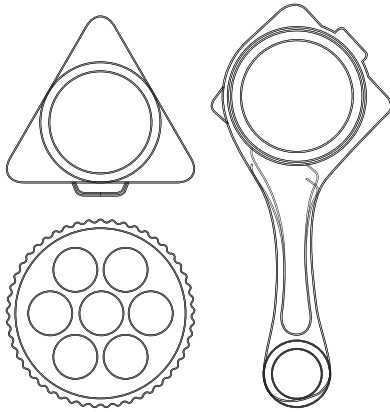
STRAIGHTENING



SELECTION



**THE BEST DREAM TEAM
YOU'VE BEEN LOOKING FOR
WE WORK HARDER**



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