

The World's Finest Quality & Innovation



C A T A L O G

SEWON METAL



SEWON METAL

NEW TECHNOLOGY WITH WORLD WIDE RECOGNITION.

The company primarily manufactures driving, engine, hydraulic and fuel parts for automobiles including industrial flangers and hot forging parts for engine gears in agricultural machinery in addition to timing chains in ship engines. In particular, **SEWON METAL** manufactures forging pistons which are key strategic parts. The company is currently in the process of expanding its share in the global market and is being recognized for high quality products and technical skills.

With continued research and development for innovative new technologies and management systems, **SEWON METAL** is striving to achieve through on-site management and zero tolerance for defective products based on the three management principles-sound management, quality management, and customer satisfaction. In addition, the company has made efforts to increase sales through production of products with high added value and competitive edge.

SEWON METAL will provide a better future by creating value and satisfying customer needs-anywhere, any time. Thank you.

President of SEWON METAL CO., LTD.

Jung-Hee, Lee



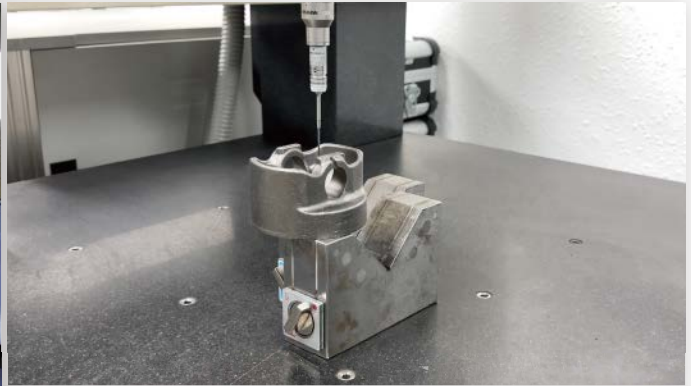


HISTORY



- | | |
|---|--|
| <p>1995 • Established SEWON METAL</p> <p>2000 • Transfer to SEWON METAL CO., LTD.</p> <p>2002 • Transfer and Enlargement of the Factory</p> <p>2003 • Certified Quality System SQ Mark by HYUNDAI & KIA MOTOR Company</p> <p>2005 • Established R&D Center(KOITA)
Registered Venture Company(SMBA)
Winning One Million Dollars Export Award (KITA)</p> <p>2006 • ISO/TS 16949 (IATF 16949)</p> <p>2007 • Registered INNO-BIZ Company (SMBA)</p> <p>2008 • Achived Patent for Piston Skirt Mold
Certified Environmental Management System ISO 14001</p> <p>2012 • Certificated DNV, Lloyd's, BV, GL</p> <p>2013 • Achived Patent for Piston Skirt Mold
Install Forging 2,500 ton press with Auto Transfer line
Achieved Patent for Forging Press with Vibration Isolation Structure</p> | <p>2014 • Winning Twenty Million Dollars Export Award(KITA)</p> <p>2015 • Install Forging 3,500 Ton Press with Auto Robot
Appointment of Root Tech company for Forging
Pre-World Calss 300 Certificate
Received Minister Prize - Parts Section</p> <p>2016 • Certified ISO 45001</p> <p>2017 • Passed Daimler OSA</p> <p>2018 • Transfer and Enlargement of the Factory (13,223m² of Land Area, 7,087m² of Building Area)
Winning Thirty Million Dollars Export Award (KITA)</p> <p>2020 • Winning an Award by the Prime Minister</p> <p>2021 • Change of Forging Press Line 1600 Ton Auto Loader from Manual</p> <p>2022 • Change of Forging Press Line 3000 Ton Auto Robot from Manual</p> <p>2024 • New plant for Post-Process, Built and Relocation</p> |
|---|--|

Main Facilities



Description	Type	Qty	Description	Type	Qty
CUTTING	300T PRESS	1	QUALITY MANAGEMENT	3 Dimension Measurer	1
	600T PRESS	1		3 Dimension Scanner	1
	650T PRESS	1		Shape Measurer	1
FORGING	750T PRESS	1		Portable Spectrometer	1
	1350T PRESS	2		Brinell Hardness Test	1
	1600T PRESS (AUTO LOADER)	1		Digital Rockwell Hardness Test	1
	2500T PRESS	1		Rockwell Hardness Test	1
	2500T PRESS (TRANSFER)	1		Metalloscope	1
	3000T PRESS (AUTO ROBOT)	1		Digital Infrared Thermometer	1
	3500T PRESS (AUTO ROBOT)	1		Surface Roughness Tester	1
MACHINING FACTORY 1	MCT BT40	10	MACHINING FACTORY 2	MCT	8
	CNC	12		CNC 6-INCH	14
	TAPPING CENTER	3		CNC 8-INCH	12
	INTERNAL GRINDING	4		CNC 10-INCH	2
	TWO WAY BORING	7		Milling Machine	1

Forging Process Flow

**INPUT OF
MATERIAL**



CUTTING



HEATING



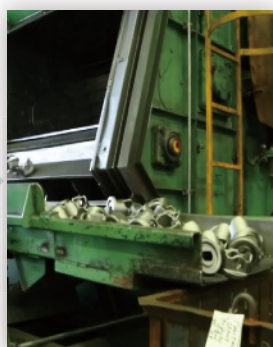
FORGING



**HEAT TREATMENT/
CONTROL COOLING**



SHOT BLAST



MPI



MACHINING



INSPECTION



**PACKING,
DELIVERY**





AUTOMOTIVE PARTS

We are specialized in semi-finished product in hot forging parts.
We export products to USA, Mexico, Singapore, and EU mainly which means
we have competitiveness across the world in the field.

Automotive Parts



Engine Piston (LVD)



Flange Yoke



Steel Bushing



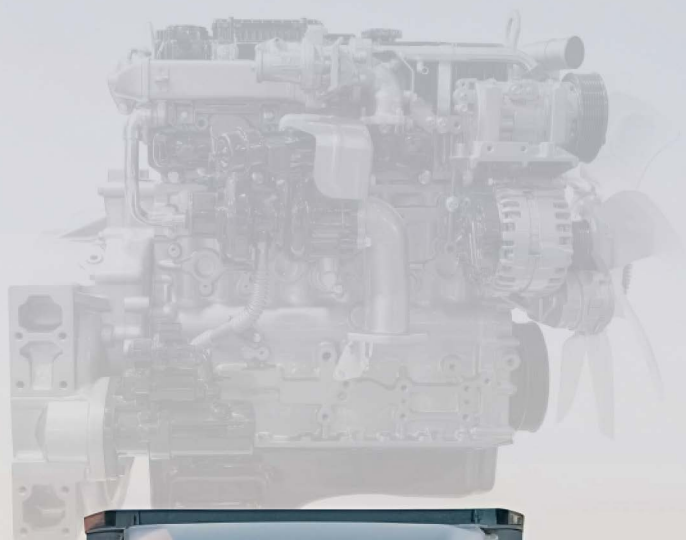
Seat Spring



Flange Rear



Others



COMMERCIAL VEHICLE PARTS

We have a competitive edge both price and quality.
We always set quality and price as a first prioty in our busniess to customers.

Commercial Vehicle Parts



Engine Piston Top & Bottom



Wavy Piston Top



Wing Bushing



Propeller Yoke & Shaft



Rocker Arm



Others

HEAVY EQUIPMENT PARTS



We produce heavy equipment parts
based on a customer satisfaction.

Heavy Equipment Parts



Joint Yoke



Gear & Mission Part



End Rod & Yoke



Shaft Tensioner

SHIP/ OTHER PARTS

We have shipping certificates
such as GL, Lloyd's DNV, and BV.

Ship / Other Parts



Chain for Ship



Nipple & Flange



Industrial Machine Parts



Weight



Flange



Others



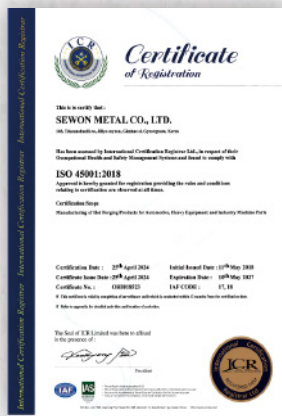
IATF 16949
: 2016



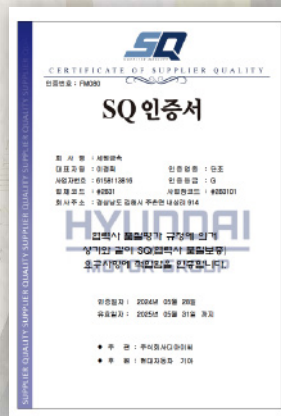
ISO/TS 9001
: 2015



ISO/TS 14001
: 2015



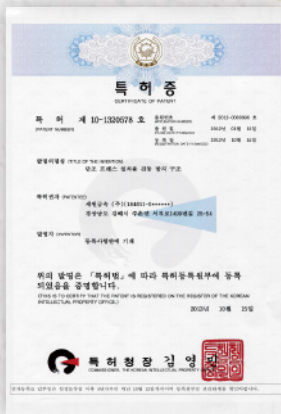
ISO/TS 45001
: 2018



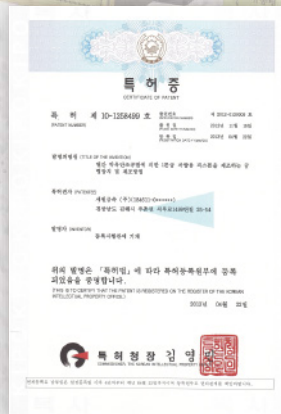
Certificate Of
Supplier Quality



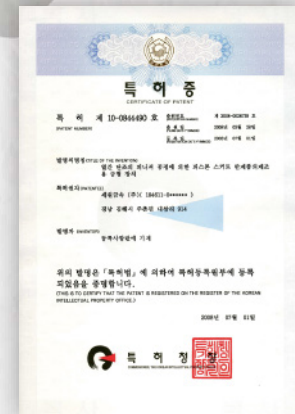
Certificate of
Corporate R&D Institute



Patent for Anti-
Vibration of Forging



Patent for Piston for
1 Ton Size Truck



Patent for Piston for
Semi-Finished

SEWON METALS OVERCOMING LIMITS

Sewon Metal does not stop at the limit.
Through constant innovation and challenge,
we create higher technology and perfect quality.
We are not afraid of change, open up new possibilities,
and take the path that leads the industry.
Sewon Metal is taking another step forward today.



Head Office / 1st Factory

Gimhae Jillye



2nd Factory

Gimhae Jillye



1st Machining Factory

Gimhae Jillye



2nd Machining Factory

Seongju