

YOUNGJIN MACHINE

ULSAN, SOUTH KOREA



Company Profile

Custom machining, welding and assembly



Established 2003 Ulsan, South Korea

YOUNGJIN MACHINE

Company Overview

2003

Established June 30

Machining parts for steelmaking, heavy equipment and industrial machinery.

We operate our own workshop in Ulsan, Korea, and welcome custom and small-batch enquiries.

Company Youngjin Machine / 영진기계

Representative Heewon Han

Contact Changjin Han

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Machining Services

A workshop for custom parts and small batches

Turning

Turning of flanges, rings and shafts.
Processes selected for each part.

Drilling & Tapping

Radial drilling and electric tapping equipment.
Hole size, depth and threads reviewed from drawings.

Milling & Machining Center Work

Plates, prismatic parts and contoured features.
Conventional, NC and machining center equipment.

Welding & Assembly

Welding and assembly can also be discussed.
Joining requirements and scope agreed per project.

Selected Project References

Parts associated with steelmaking, heavy equipment, industrial machinery and power facilities

ITER	W SECTOR TFA
Handling & Drive Systems	INSPECTION BED / DIVIDING TRANSFER DRIVING SHAFT
Marine Equipment	SOUTH LIFEBOAT KICK DOWN CLOSING PLATE DET.
Material Handling	NO.1 CONVEYOR
Plant Equipment	SHWE PHASE-3 PROJECT
Power Facilities	UAE nuclear power units 1–4, spare parts
Power Facilities	Parts machining for thermal power facilities in Saudi Arabia

Parts machining for projects associated with Hyundai Heavy Industries

Equipment List

Equipment	Manufacturer	Model / Listed Specification	Qty.
Conventional Lathe	HWACHEON	HL580 / Ø580 × 2000	1
Electric Tapping Machine	MRCM	M2~M36	1
Radial Drill	OGAWA	D1500	1
Conventional Milling Machine	TAKEDA	No. 5 class	1
NC Milling Machine	KIHEUNG	COMBI, No. 6 class	1
Machining Center	HWACHEON	1050	1

Actual machining range and equipment are confirmed against dimensions, tolerances and workholding.

Machining Center & NC Mill



HWACHEON 1050

Machining Center Work



KIHEUNG COMBI, No. 6 class

NC Milling

Lathe & Electric Tapping Machine



HWACHEON HL580

Ø580 × 2000

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MRCM Electric Tapping Machine

M2~M36

Drilling & Conventional Milling



OGAWA D1500

Radial Drill

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TAKEDA, No. 5 class

Conventional Milling Machine

Machined Parts: Flanges & Rings



Facing, bore and outside diameter machining, with mounting holes

Machined Parts: Shafts & Cylindrical Parts

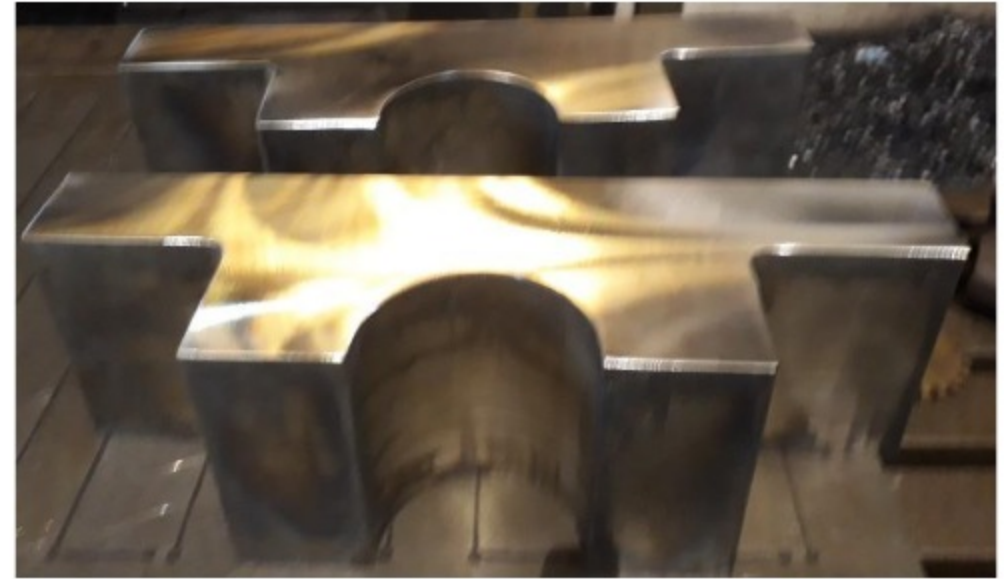


Shafts with threaded features



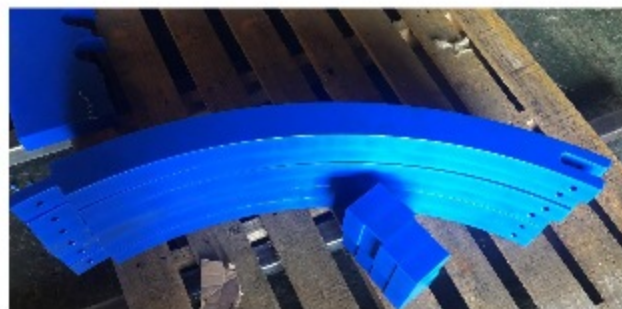
Flanged cylindrical parts

Machined Parts: Plates & Milled Components



Machined slots, pockets, steps and multiple-hole patterns

Machined Parts: Contours & Batch Production



Batch production
Contoured parts



Please enquire with your geometry, quantity and requested delivery date.

Machined Parts: Thick Plates & Shaped Components



Materials & Additional Processes

Steel

Stainless Steel

Aluminum

Copper

Welding

Material, thickness, joints and welding method,
including distortion and finish requirements.

Assembly

Supplied items, assembly drawings and alignment,
including fastening and final verification.

Material combinations and additional processes are agreed after reviewing drawings and specifications.

Measuring Equipment

Instrument	Listed Range / Specification	Qty.	Manufacturer
Digital Caliper	0~300 / 600 / 1000 mm	1 each	MITSUTOYO
Caliper	0~1500 / 2000 mm	1 each	MITSUTOYO
Digital Depth Gauge	0~300 mm	1	MITSUTOYO
Micrometer	0~700 mm	25	MITSUTOYO
Bore Gauge	0~400 mm	9	MITSUTOYO
Inside Micrometer	0~1500 mm	1	MITSUTOYO
Hardness Tester	HS / HB / HRC / HV	1	Mitech
Surface Plate	600 × 800 mm	1	—

Inspection methods and documentation are agreed in advance for critical dimensions and tolerances.

Drawing & Quality Requirements

Drawing & Revision

Review part numbers, drawing revisions, materials, quantities and finish requirements.

Critical Dimensions & Inspection

Agree critical dimensions, tolerances, inspection methods and required reports.

Supplied Items & Additional Processes

Confirm supplied materials and parts, plus any welding or assembly scope.

Quotation & Delivery

Review machining and inspection scope before confirming price and delivery.

Starting a Project & Requesting a Quotation

01

Drawings & Requirements

Provide material, quantity, requested delivery, tolerances and inspection documents.

02

Process & Scope Review

Discuss machining, welding, assembly, inspection and supplied items.

03

Quotation & Terms

Agree price, delivery, transport, payment terms and supply scope.

04

Manufacturing & Delivery

Manufacture to agreed specifications and confirm initial and repeat-order requirements.

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Custom parts and small batches Let us review your project

From machining to welding and assembly,
we review your drawings and requirements.

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