

혁신 DJI 2030! *Do Just It!!*

DJI는 '동재 이노베이션'이고, 2030은 '2030년까지 매년 30%이상의 성장'을 의미합니다

1st factory(DONGJAE)



2nd factory(DONGJAE AUTOTECH)



3rd factory (DONGJAE)



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세계 일류를 향한
끝없는 도전

❖ INTRODUCTION

[We will make the best company with the best technology.]



The 21st century is now a period of change and turbulence, with infinite competition and global change that transcends borders and territories. In the era of bloodless, infinite economic war where only original technology, creative minds, and strong and unique companies can survive, I thought that constant research and development and unrivaled technology were the only way.

Since its inception in 1998 until now, Dongjae Industrial Co., Ltd. has maintained close ties with Hyundai Heavy Industries Engine and Machinery Division, Hyundai Robotics, Hyundai Global Services, and Hyundai Heavy Industries Turbomachinery. Sungwoo Hi-Tech, a global company, has developed a roll-forming line for electric vehicle battery cases and is currently working on a number of projects. In addition, we have been working on various projects for many years with Wooyoung Industrial Co., Ltd., the primary partner of Hyundai Motor Company, and MINTH GROUP, a Chinese automobile parts company.



As a result, the company has achieved remarkable growth in the fields of marine engine parts, industrial/LCD robots, Cargo Oil Stripping Pumps, and automobile door frame forming machines, and has accumulated unrivaled technical know-how. In 2004, we completed the production line for the automotive door frame bending machine division, and maximized work efficiency through unrivaled and systematic process improvement, and received great response from customers. In addition, by maintaining the self-inspection certification from Hyundai Heavy Industries for 4 consecutive years, we have further solidified our image as a company that does its best for quality and delivery.

Dongjae Industrial Co., Ltd. will keep on continuing to work hard to produce the world's best products, imprinting that customer's word is our blood and sweat. In addition, we promise to be a leader in the high-tech industry with all of our executives and staff members by making ceaseless efforts to be a great force to support the Korean industry.

Chairman of Dongjae Industrial Co., Ltd, Lee Jin-bum

❖ INTRODUCTION

- Company Dongjae Industrial Co.,Ltd. / Dongjae Autotech Co.,Ltd.
- Location 47-15, Geomdandong-ro, Buk-gu, Daegu, KOREA
 47-16, Geomdandong-ro, Buk-gu, Daegu, KOREA
- Date of establishment August 1st, 1998
- Contact Tel. : 053)382-7404, Fax. : 053)382-7406, E-mail : dj7404@korea.com
- R&D Center 79, 27-gil, Geomdan-ro, Buk-gu, Daegu, KOREA

❖ COMPANY HISTORY

HYUNDAI

[1998]

- Established Dongjae Industry

[1999]

- Registered as a partner company of Hyundai Heavy Industries

[2002]

- Converted to Dongjae Industrial Co., Ltd.

[2004]

- Acquired Hyundai Heavy Industries' self-inspection certification

[2006]

- Obtained Clean Workplace Certification from the Ministry of Labor

[2007]

- Moved to a new factory (700-12 Geomdan-dong)
- Selected as a promising small business by Daegu Bank
- Selected as a COSP localization developer of Hyundai Heavy Industries
- Acquired ISO9001:2000 certification

AUTOMOBILE EQUIPMENT

[1998]

- Dongwon Metal Co., Ltd. New vehicle FORMING ROLL contract
- Dongwon Metal Co., Ltd. India and Romania R-STAND contract

[2004]

- Dongwon Metal Co., Ltd. Indian specification STRETCH BENDING MACHINE contract
- Dongwon Metal Co., Ltd. Indian specification ROLL FORMING MACHINE contract

[2005]

- Dongwon Metal Co., Ltd. USA (Alabama) specification STRETCH BENDING MACHINE contract
- Dongwon Metal Co., Ltd. C100 CAR STRETCH BENDING MACHINE AUTO LOADER contract

• [2006]

- Dongwon Metal Co., Ltd. FD CAR STRETCH & ROTARY BENDING MACHINE AUTO LOADER contract
- Dongwon Metal Co., Ltd. produced ROLL FORMING MACHINE. Export to Slovakia
- Dongwon Metal Co., Ltd. KM CAR STRETCH & ROTARY BENDING MACHINE manufacture, export to Slovakia

HYUNDAI

[2008]

- Supplied unit 1st COSP to Hyundai Heavy Industries
- Selected as a technology innovation small and medium-sized business (INNO-BIZ) by the Small and Medium Business Administration
- Acquisition of company affiliated research institute certificate
- Selected as a promising export small business by Small and Medium Business Administration
- Selected as a company specialized in parts and materials by the Ministry of Knowledge Economy
- Selected as a management innovation enterprise by Small and Medium Business Administration

[2009]

- Selected as an excellent partner company in 2008 by Hyundai Heavy Industries
- Selected as a manufacturer of LCD robot parts for Hyundai Heavy Industries
- DJI(DongJae Innovation) 2020 launching ceremony

[2010]

- Manufactured and delivered a new engine (H25/33) development product to Hyundai Heavy Industries
- Awarded by the Minister of Knowledge Economy
- Awarded a commendation from the mayor of Daegu Metropolitan City
- Selected as a promising export small business by the Small and Medium Business Administration of Daegu and Gyeongbuk

AUTOMOBILE EQUIPMENT

[2007]

Dongwon Metal Co., Ltd. produced GMT319 CAR STRETCH BENDING MACHINE. Export to USA

Dongwon Metal Co., Ltd. FD CAR ROLL FORMING MACHINE contract

Dongwon Metal Co., Ltd. FDH ROLL FORMING MACHINE & STRETCH BENDING MACHINE contract

[2008]

Dongwon Metal Co., Ltd. FDH ROLL FORMING MACHINE exported to Czechoslovakia

Dongwon Metal Co., Ltd. FDH STRETCH & ROTARY BENDING MACHINE exported to Czechoslovakia

Dongwon Metal Co., Ltd. XM CAR STRETCH BENDING MACHINE & automation line (DIES exchange device, product input loan system) contract

Dongwon Metal Co., Ltd. J300 CAR STRETCH BENDING MACHINE (BENDING DIES AUTO CONNECT TYPE) new development application contract

Dongwon Metal Co., Ltd. Alibaba XMA CAR STRETCH BENDING MACHINE & FORMING MACHINE contract

[2010]

Dongwon Metal Co., Ltd. BUMPER BENDING MACHINE contract (UD,UB CAR BUMPER(1180Mpa) production)

Dongwon Metal Co., Ltd. BUMPER FORMING MACHINE & FORMING CASSETTE contract

HYUNDAI

[2010]

Geumyong Machinery Co., Ltd. Inconel development positioner production

[2012]

Selected as a family company by IBK Industrial Bank

Selected as an assembly manufacturer for LGD 6G Z-axis ASS'Y by Hyundai Heavy Industries

[2013]

Hyundai Heavy Industries Co., Ltd. Samcheok LNG Terminal vaporization seawater pump canning and processed products order

Received orders for MONG DUONG 1 THERMAL POWER PLANT spindle shaft and processed products from Hyundai Heavy Industries

Hyundai Heavy Industries Co., Ltd. 1500HP ENCLOSURE TYPE air compressor prototype development CASING order

Hyundai Heavy Industries Co., Ltd. LGD Guangzhou PJT 8G Lightweight Z-axis ASS'Y Order

[2014]

Awarded Korea Innovation Grand Prize

IBK Happiness Sharing Foundation scholarship sponsorship selection

Received a certificate of integrity taxpayer

Korea Polytechnic 6 University Industry Agreement (MOU)

AUTOMOBILE EQUIPMENT

[2011]

Shinyoung Co., Ltd. SILL SIDE (1180Mpa) #1, 2 MD/AD/RBK/FS/VF

[2012]

Patent registration-Cassette exchange mounting device for roll forming machine

Exported 5 units of STRETCH BENDING M/C to Katayama, Japan

China MINTH Group (CF 60-speed Beijing Hyundai Grandeur Class) contract

STRETCH BENDING M/C, ROLL FORMING M/C contract

Contracted with Geumyong Machinery Co., Ltd. for friction stirrer for valve spindle surface treatment

[2013]

India MESL (Japanese SUZUKI vehicle) W/STRIP P.J contract

SGM615 P.J STRETCH BENDING M/C, DIES contract in Shanghai, China

Sewon Corporation AL BIFOLD HEAT SHIELD FORM'G product development FORM'G M/C contract

AL BIFOLD HEAT SHIELD FORM'G product development FORM'G M/C contract with Ant Co., Ltd.

India MESL (Japanese SUZUKI vehicle) DOOR SASH P.J contract

India MESL (Japanese SUZUKI vehicle) RAIL ROOF P.J contract

HYUNDAI

[2015]

Hyundai Heavy Industries, POSCO Energy Unit 5, 6 CWP project order

Signed a family company agreement with Keimyung College

Hyundai Heavy Industries Co., Ltd. Jangmun Natural Gas Project order - SLEEVE and 6 other items

Hyundai Heavy Industries, TURKMENGAS STEAM TURBINE PROJECT #1, 2

Received an order for 122 units of XIAMEN TIANMNA 6G PROJECT z-axis ASS'Y from Hyundai Heavy Industries

Hyundai Heavy Industries, LGD CSOT T3 6G z-axis ASS'Y 112 units order

Received orders for TURKMENGAS STEAM TURBINE PROJECT of Hyundai Heavy Industries - TURBINE CASING and 4 other items

Signed an industry-university agreement for apprenticeship education with Gyeongsang Industrial High School

Hyundai Heavy Industries Co., Ltd. WEC GRESIK STEAM TURBINE PROJECT order - TURBINE CASING and 4 other orders

Hyundai Heavy Industries Co., Ltd. RUSSIA STEAM TURBINE PROJECT order - TURBINE CASING and 4 other orders

Hyundai Heavy Industries Co., Ltd. LGD CSOT Shenzhen T2 PH2 8G z-axis ASS'Y 119 units order

Hyundai Heavy Industries Co., Ltd. LGD CA Plant panel robot ASS'Y 17 units, CA 2nd plant PROJECT z-axis ASS'Y 125 units order

AUTOMOBILE EQUIPMENT

[2014]

Million Dollar Export Tower award winning - Dongjae Autotech

Dongjae Autotech received a citation from the Minister of Commerce, Industry and Energy

China LINGYUN DOOR AP11 MAJOR P.J STRETCH BENDING M/C, ROLL FORMING M/C 36-layer contract

China Wuxi Huagwang A7 P.J SIDE SILL 24-stage (1180Mpa) ROLL FORMING M/C contract

[2015]

China LINGYUN IP31&32 P.J ROLL FORMING TOOL, STRETCH BENDING DIES FRONT/REAR contract delivery

Contract delivery of P84 SILL SIDE(1180 Mpa) P.J ROLL FORMING TOOL and PRESS TOOL to Wuxi Huagwang, China

Awarded the 3 Million Dollar Export Tower on the 48th Trade Day

[2016]

India MESL SML PJT STRETCH BENDING M/C & DIES contract

Contract of STRETCH BENDING M/C for rail roof with China Ningbo Auto Parts Company

HYUNDAI

AUTOMOBILE EQUIPMENT

[2016]

Selected as an excellent partner of Hyundai Heavy Industries

Selected as a modularization company for cast steel products of HHI-TMC

Selected as sole company for LCD z-axis ASSY by Hyundai Robotics

[2018]

Completed installation of LCD clean room (10,000 class)

Air Force parts localization development agreement sign

Registered as a company with Kum-A Powertech Co., Ltd. and signed a contract for supplying axle housing for tractors

Selected as a sole supplier of LCD anchoring for Hyundai Robotics

[2019]

Registered as a company with Hyundai Core Motion and signed a contract for supplying parts for industrial vehicles (2&3 tons, 4&5 tons, 6&8 tons-Axle housing, TM cas, TC housing, etc.)

Selected as a modularization company for industrial robots ASSY by Hyundai Robotcs

[2020]

Registered as a partner company of MS Precision Co., Ltd. and contract for supplying construction equipment parts

[2017]

Completed development of 3D servo stretch bending machine

Contract delivery of STRETCH BENDING M/C for rail roof in Shanghai

MINTH (USA PTI company) CHNL BENDING M/C TURN TABLE contract

[2018]

Wooyoung Industry Co., Ltd. - SP2&SP2i SBN mold contract

Contract of STRETCH BENDING M/C TURN TABLE, DIES for AL rail roof in Jiangsu Kerbo, China

Wooyoung Industry Co., Ltd. - BI3&QY FRAME FRT/RR DR UPR SBN mold contract

Jinyoung Industrial Co., Ltd.- KA4 Roll Mold Design & Manufacturing Contract

[2019]

Keumgang Chemical - MQ4A&CN7A MLD'G ROLL&CASSETTE design & manufacturing contract

Keumgang Chemical- NX4 O/B MLD'G (ROOF, D/F) ROLL&CASSETTE design & manufacturing contract

[2020]

SU2 AL SUNROOF RAIL BEND'G DIES contract for Samjeon Co., Ltd

Thailand_RAIL ROOF BEND'G M/C&DIES contract

Sungwoo Hitech Co., Ltd. BEV3 & BET battery roll mold manufacture

HYUNDAI

AUTOMOBILE EQUIPMENT

[2021]

Registered as a company with Hyundai Genuine.

(Hyundai construction Equipment, Hyundai Doosan Infracore)

Selected as a modularization company for industrial robots HH050 ASSY lower by Hyundai Robotics

Obtain a patent for a two-axis positioner device

[2022]

Positioner 7.5 ton supplied to Iljitech.

Registered as a company with Doosan Industrial Vehicle.

Hyundai Global Service Selection of Outstanding Partners

[2021]

Sungwoo Hitech Co., Ltd. Mexico Factory BEV3 32nd Stage ROLL FORMING LINE Shipping and Product T/O (Related to Electric Vehicle Battery Case)

Wooyoung Industrial Co., Ltd. KS, GN7, BN7i, NQ5, SX2nd car type ROLL mold contract..

[2022]

Wooyoung Industrial Co., Ltd. KS, GN7, BN7i, NQ5, SX2nd car type ROLL mold contract

Thailand_RAIL ROOF BEND'G M/C 2units&DIES contract

Sungwoo Hitech Co., Ltd. Mexico Factory eLCV MST 32stage roll forming LINE scheduled to be shipped (related to electric vehicle lower frame):

Products are currently being produced at the Mexican factory.

[2023]

Sungwoo Hitech Co., Ltd. Mexico Factory eLCV MST 32stage roll forming LINE scheduled to be shipped (related to electric vehicle lower frame):

Sample products are currently being produced at the Mexican factory.

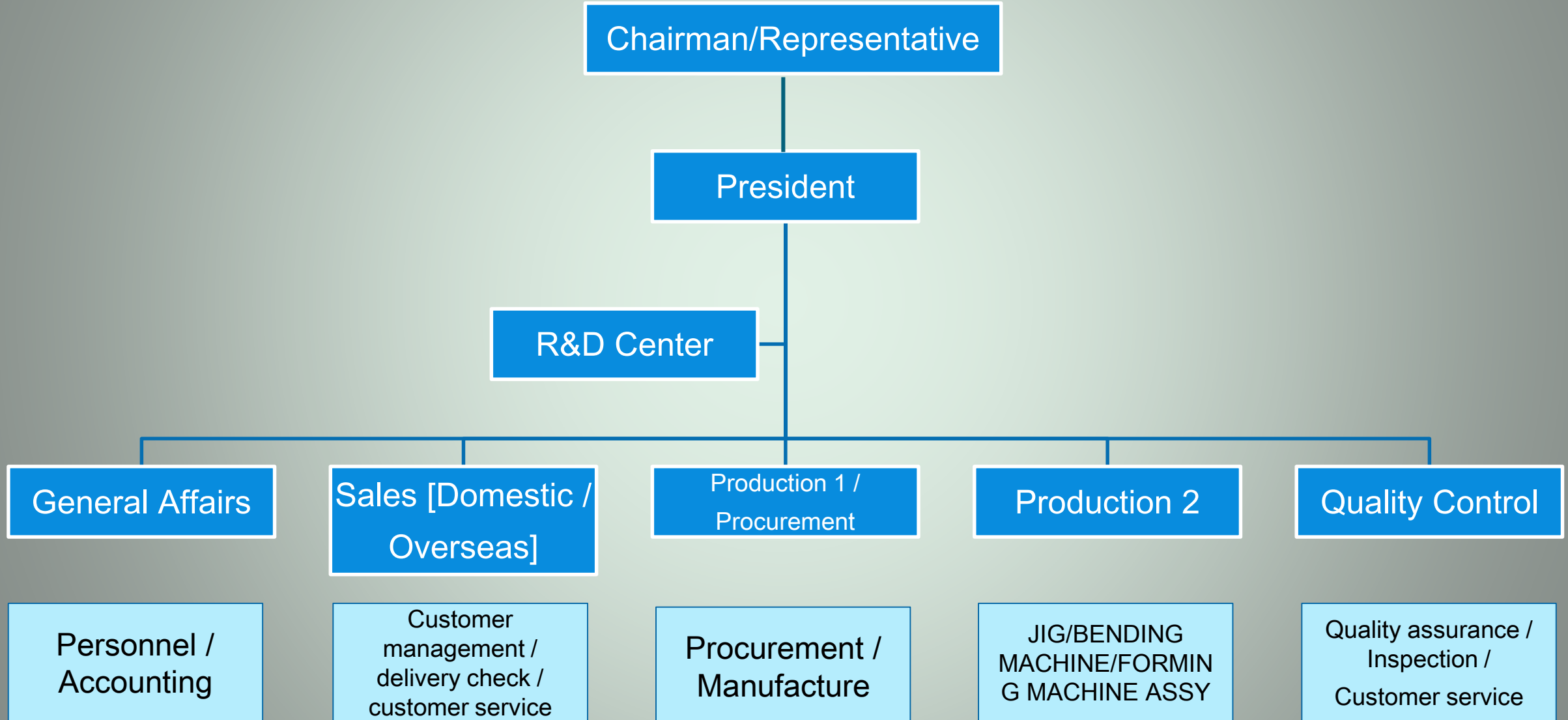
Sungwoo Hitech Co., Ltd. Mexico Factory BEV3&eLCV MST 36tStage (Line 5) & 32Stage (Line 6) roll forming line expot waiting (Electric Vehicle Lower Frame Production Line)

Currently, export packaging work is completed/ Shipment scheduled at the end of May.

❖ COMPANY MANAGEMENT



❖ ORGANIZATION CHART



❖ MAJOR BUSINESS (DOOR FRAME FORMING MACHINE)

Roll Forming Machine



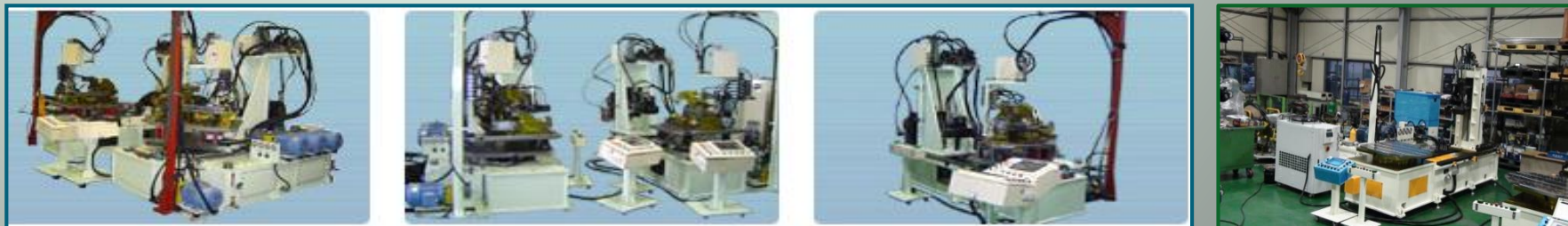
Stretch Bending
Machine
Auto Loading System



Stretch Bending
Machine



Rotary Bending Machine

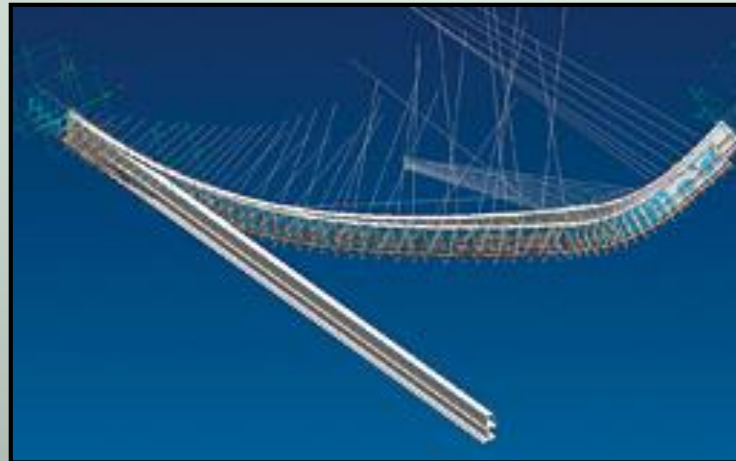
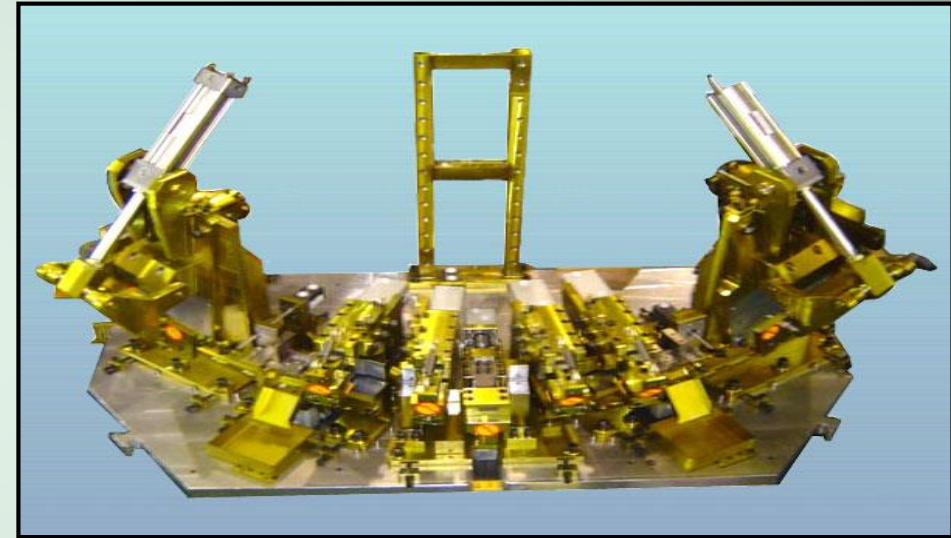


❖ MAJOR BUSINESS – DIES(FIXTURE)

STRETCH BENDING DIES



STRETCH BENDING DIES
CENTER CUTTING TYPE



❖ MAJOR COUNTRY FOR EXPORT



❖ DEVELOPMENT & EXPORT EQUIPMENTS – ROLL FORMING MACHINE

[AUDI A4 MOLDING 28Cassettes
– China LINGYUN]



[Hyundai Beijing D/F CF 60Cassettes
– China Minth]



[Y9T CHNL 16Cassettes
–India MESL]



[Audi A7&Peugeot P84 SILL SIDE 18Cassettes–
China WUXIHUAGUANG]



❖ DEVELOPMENT & EXPORT EQUIPMENTS – ROLL FORMING MACHINE

[GM IP31&IP32 D/F 48Cassettes–China LINGYUN]



[Hyundai ED D/F 36Csts & 20Csts–Slovakia, Dongwon Metal]



[Kia XMA D/F 36Csts – Alibaba Usa, Dongwon Metal]



[Hyundai TG D/F 60Csts–Dongwon Metal]



❖ DEVELOPMENT & EXPORT EQUIPMENTS – ROLL FORMING MACHINE

[Y9T D/F 36Csts-India MESL]



[D/F 36Csts – India TI METAL]



[Hyundai MD SILL SIDE 24Csts- Shinyoung Ind.]



[Hyundai RBK SILL SIDE 24Csts- Shinyoung Ind.]



❖ DEVELOPMENT & EXPORT EQUIPMENTS – ROLL FORMING MACHINE

[GM Electric Vehicle Lower frame 32Stage–Sungwoo Hi-Tech Mexico]



❖ DEVELOPMENT & EXPORT EQUIPMENTS – ROLL FORMING MACHINE

[GM Electric Vehicle Lower frame –Sungwoo Hi-Tech Mexico]


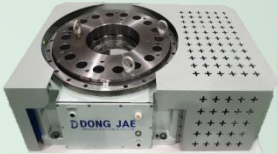

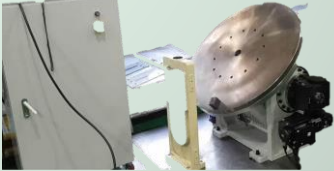



❖ ROLL CONTRACT LIST



Customer	Project	Car model	Customer	Project	Car model
Dongwon Metal	BH	Hyundai Genesis	Dongwon Metal	ED	Kia Europe strategy model (Slovakia Factory manufacture)
	C100	Ssangyong Korando		FD	Hyundai Europe strategy model – Avante XD follow-up model
	J300	GM Daewoo lacetti follow-up model		M300	GM Daewoo Matiz
	J309	GM Daewoo (MPV7)		VQ	Kia Grand Carnival
	JMC	Hyundai Tucson exclusive china model		XM	Kia Sorento new model
Wooyoung Ind.	BI3	Kia India	Keumgang Chemical	TL	Hyundai Tucson (deluxe model)
	CN7	Hyundai Avante follow-up model (7 th generation full change)		NX4	Hyundai Tucson follow-up model (4 th generation full-change)
	SP2	Kia small SUV		MQ4A	Kia Sorento-R follow-up model (4 th generation full-change)
	SP2i	Kia small SUV India		CN7A	Hyundai Avante follow-up model (7 th generation full-change)
	QY	Kia Mohave SUV	Shinyoung	MD	Hyundai Avante
	JK1	Hyundai Genesis GV70		FS	Hyundai Veloster
	NX4	Hyundai Tucson follow-up model (4 th generation full change)		RBK	Hyundai Accent
	SU2id	Hyundai ix25 follow-up model Indonesia (in progress-Sep.2020)		VF	Hyundai i40
	NQ5	Kia 5 th generation Sportage (in progress – Sep.2020)	AD	Hyundai Avante	
Jinyoung Ind.	KA4	Kia Carnival full change YP follow-up model (4 th generation full change)	Jinyoung Ind.	SG2	Kia Niro 2 nd generation (in progress-Sep.2020)

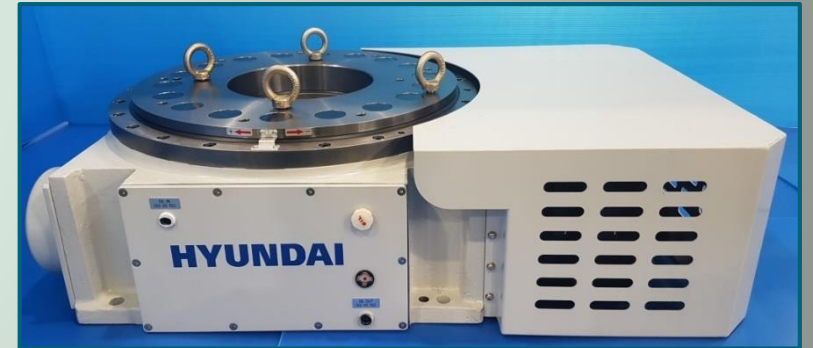
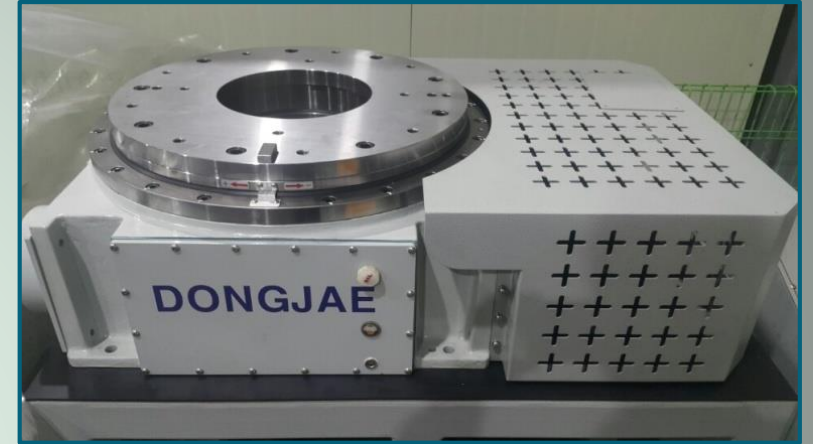
❖ R&D CENTER – NATIONAL PROJECT DEVELOPMENT

Project / Detail	Duration	Process		Registration	commercialization
Bending mold design development for CHNL forming	2014-06-01~2015-05-31	Mass production		R&D development confirmed	Y
Rotary rotation barrel cam type positioner	2016-06-01~2017-02-28	Mass production		R&D development confirmed	Y
Rotary cylinder cam servo stretch bending technology for Car DR & Aluminum CHNL forming	2017-03-01~2018-02-28	Mass production		R&D development confirmed	Y
Industrial robot 0.5TON 2 axis positioner	2019-04-01~2019-10-31	Mass production		R&D development confirmed	Y
Roll forming technology development for AL ALLOY DR FRAME (Difficult-to-form metal)	2018-06-01~2020-05-31	Prototype		R&D development in progress	

❖ MAJOR BUSINESS (LCD ROBOTS / POSITIONER)

[POSITIONER]

[LCD ROBOTS]

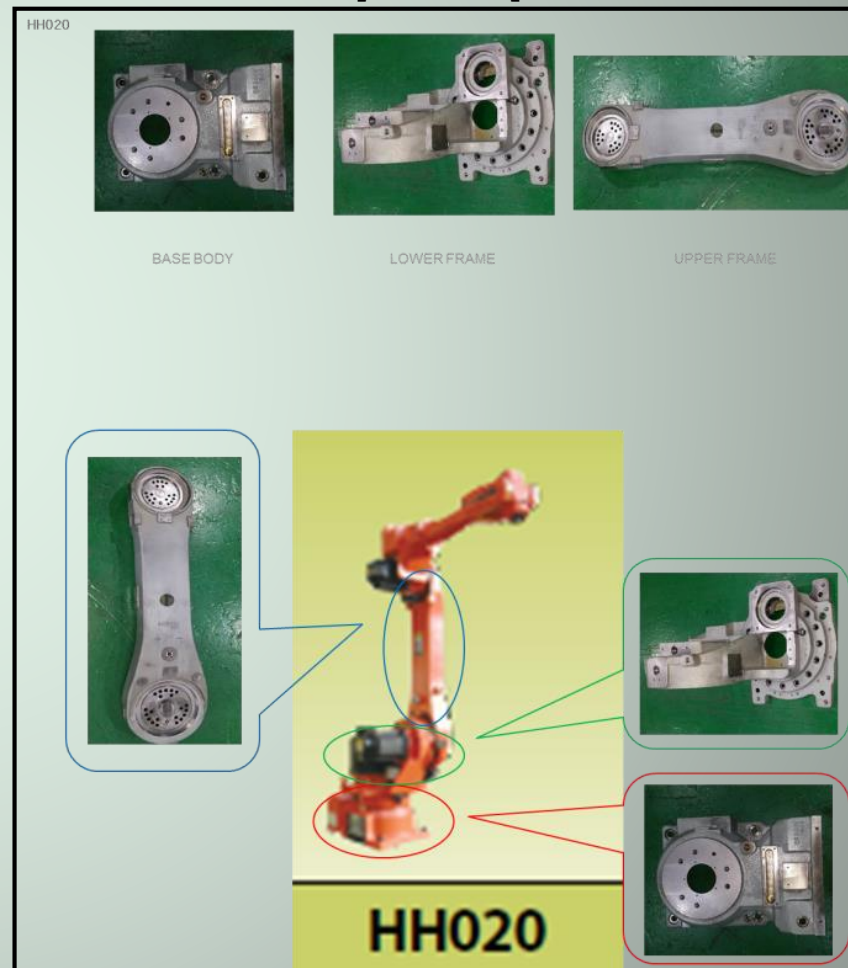


❖ MAJOR BUSINESS (INDUSTRIAL ROBOT)

[HA006B]



[HH020]



❖ MAJOR BUSINESS (INDUSTRIAL ROBOT)

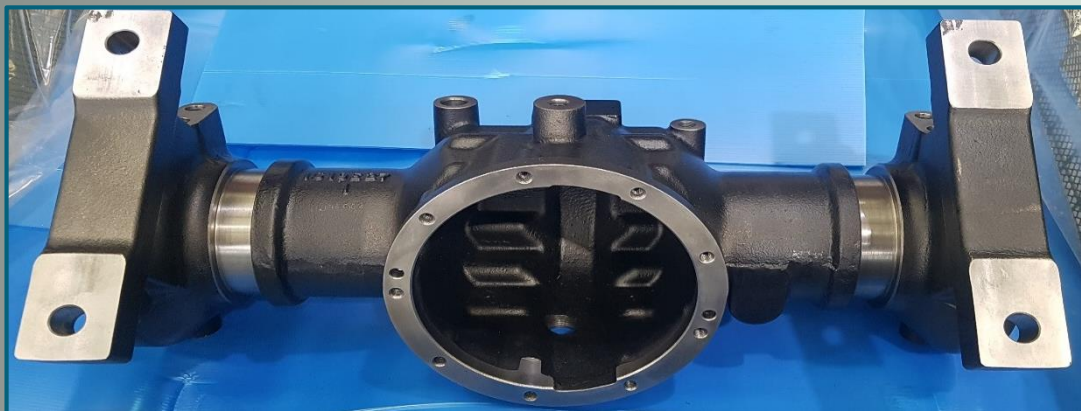
[HS180/HS220]



[HH050]



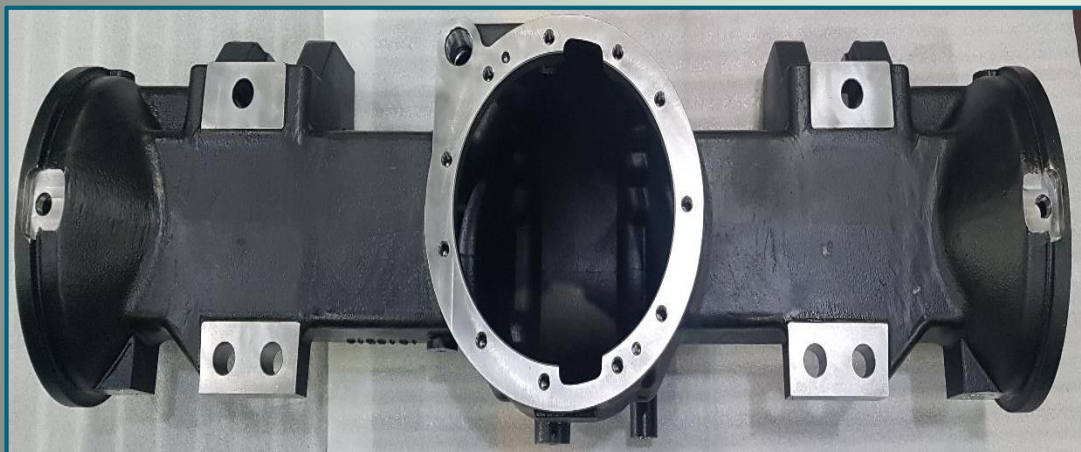
❖ MAJOR BUSINESS (CONSTRUCTION EQUIPMENT)



[2~3ton AXLE HOUSING]



[2~3ton AXLE HOUSING (For export)]



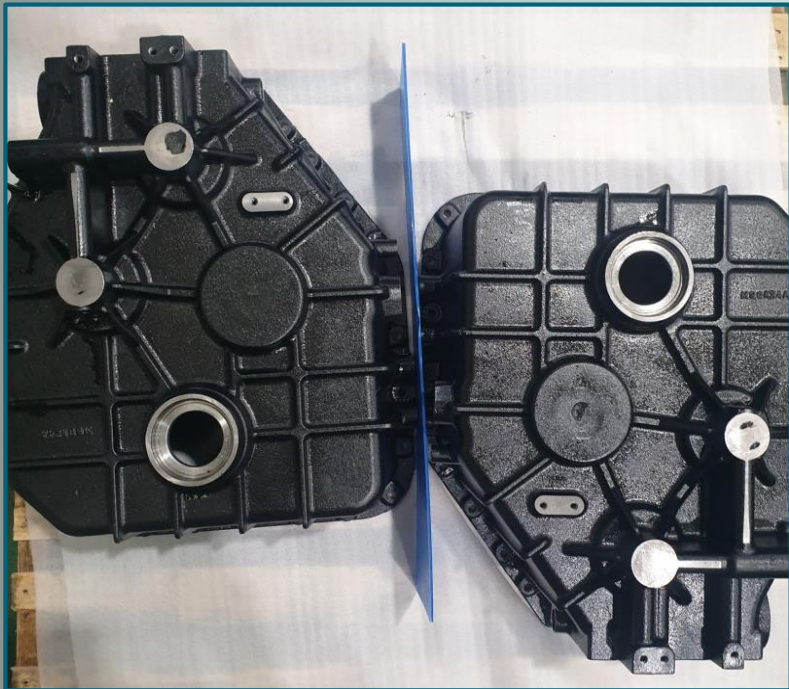
[6~8ton AXLE HOUSING]



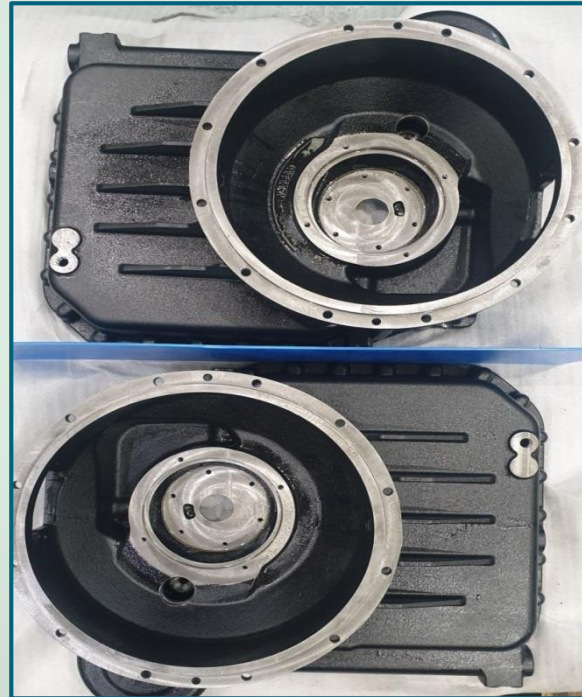
[AXLE HOUSING for tractor (For export)]

❖ MAJOR BUSINESS (CONSTRUCTION EQUIPMENT)

[6~8ton TM CASE]



[6~8ton TC HOUSING]



[4~5ton PILOT BOSS]



❖ MAJOR BUSINESS (HHI-ENGINE ITEM)

[H21/32]



[H25/33]



[L27/38]

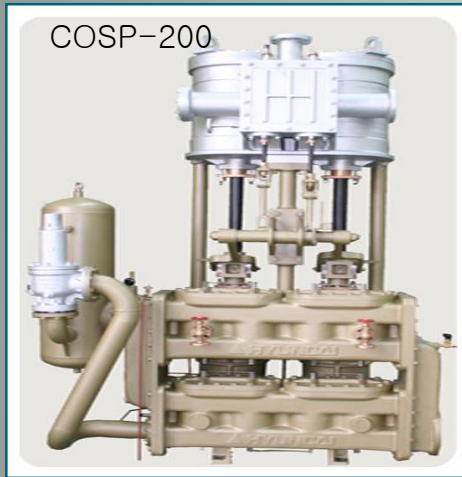


[H32/40]



❖ MAJOR BUSINESS (CARGO OIL STRIPPING PUMP)

[Cargo Oil Stripping Pump]



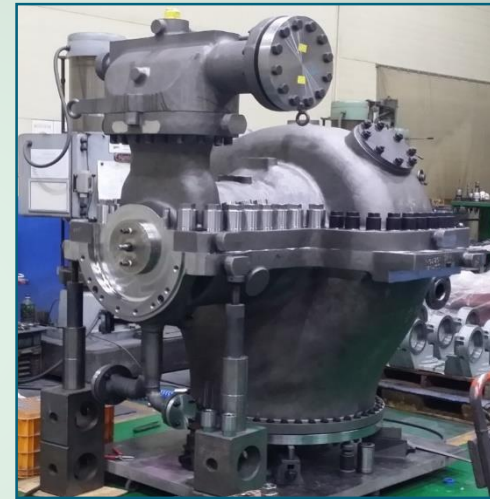
G.E.V(80A~125A)



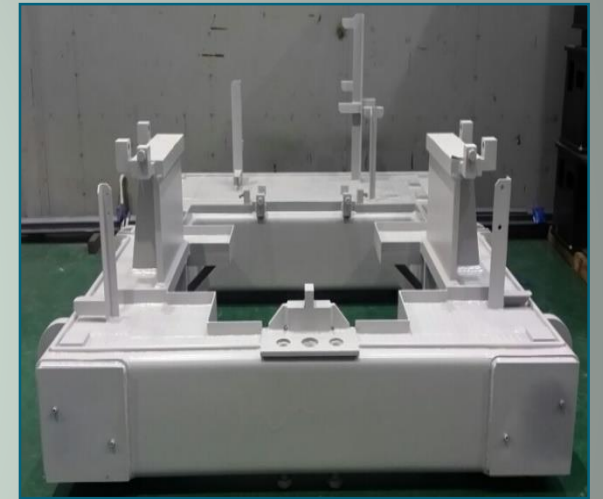
COSP Drain Trap



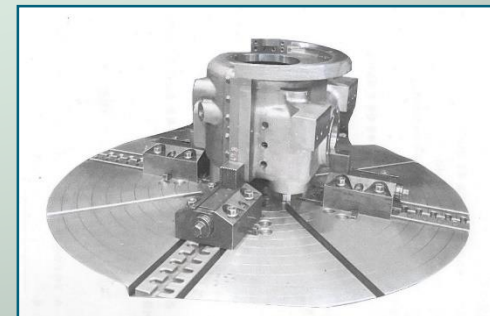
[Turbine Casing]



[Turbine Baseplate]



Governor Pedestal



❖ MAJOR FACILITIES



HORIZONTAL MACHINING CENTER (WIA, KH80G)
- 1,250 X 1,000 X 850



HORIZONTAL MACHINING CENTER (WIA, KH80G)
- 1,250 X 1,000 X 850



HORIZONTAL CNC MACHINING CENTER (WIA, KH63G)
- 950 x 825 x 760



HORIZONTAL CNC MACHINING CENTER (WIA, KH63G)
- 950 x 825 x 760



VERTICAL CNC MACHINING CENTER (WIA, VX750M)
- 1,550 x 750 x 720



VERTICAL CNC MACHINING CENTER (WIA, VX750M)
- 1,550 x 750 x 720



VERTICAL CNC MACHINING CENTER (KITAMURA, MYCENTER-4X1F)
- 1,016(40") x 510(20.1") x 510(20.1")

❖ MAJOR FACILITIES



MACHINING CENTER (Doosan , VM960)
— 2,000 x 960 x 800



MACHINING CENTER (Doosan , VM960)
— 2,000 x 960 x 800



VERTICAL MACHINING CENTER
(WIA, KV45)
— 1,500 x 750 x 700

Machining Center

- Vertical Machining Center 7ea
- Horizontal Machining Center 6ea
- CNC 선반 1ea



CNC 보링 (두산, DB130C)
— 3,000(4,000) X 2,000 X 1,600(2,000) X 700



HORIZONTAL MACHINING CENTER (WIA, HC-800)
— 1,250 x 950 x 900
— 5축 가공 가능



CNC LATHE (WIA, SKT-28L)
— SWING ϕ 590 x 1,070 STROKE



6호 CNC 밀링 (기흥기계, COMBI-U6)
— 1.600 x 750 x 750

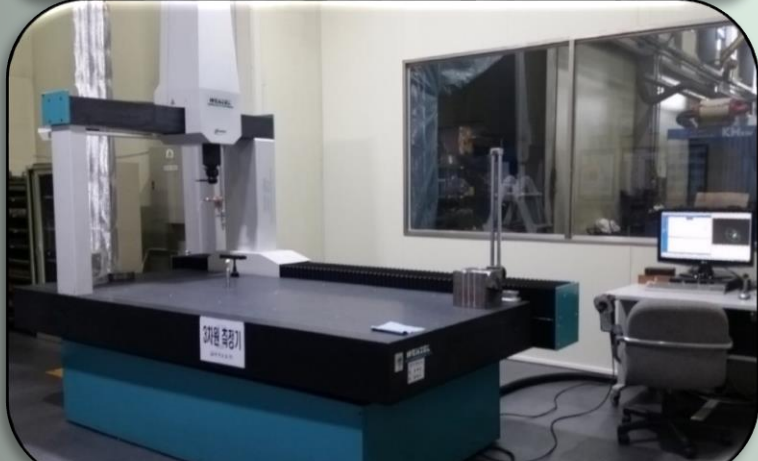
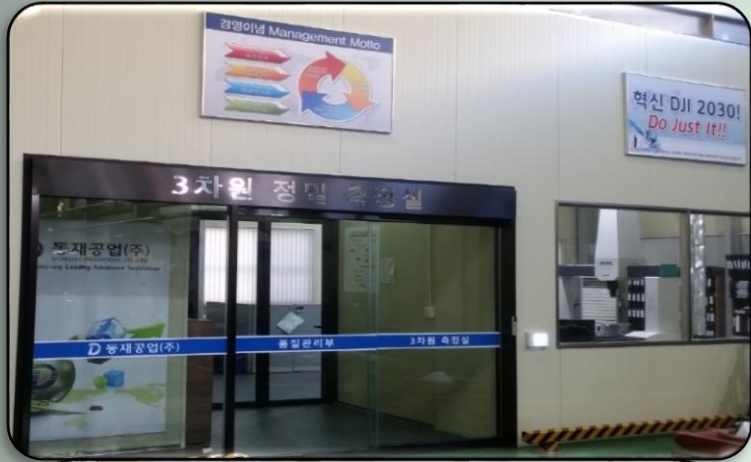
❖ MAJOR FACILITIES (PARTNER COMPANY)

설비 사진	설비명	기준	규격	스트로크	년식	제조사	비고
	V_MCT	KV60	600*1150	600*600 *1150	2004	WIA	
	V_MCT	KV60	600*1150	600*600 *1150	2005	WIA	
	V_MCT	VM750	750*1800	750*800 *1800	2009	DOOSAN	
	V_MCT	800V	800*2000	1800*900 *800	1992	ENSHU	
	V_MCT	VM960	960*2400	2000*1000 *1000	2014	DOOSAN	
	V_MCT	F960B	960*2700	2300*1000 *1000	2014	WIA	

설비 사진	설비명	기준	규격	스트로크	년식	제조사	비고
	H_MCT	HM6300	630*630	1000*900 *900	2010	DOOSAN	
	H_MCT	KH63G	630*630	1000*900 *800	2008	WIA	
	H_MCT	KH80G	800*800	1250*1000 *1000	2015	WIA	
	H_MCT	AH100	1000*1000	2000*1200 *1200	1995	DAEWOO	
	H_MCT	HM1000	1000*1000	1250*1250 *2100	2011	DOOSAN	

❖ INSPECTION / MEASURING INSTRUMENT

[3 DEMENSIONS INSPECTION ROOM
(ISOTHERMAL-ISOHUMIDITY CONTROL)]



3 DEMENSIONS INSPECTION EQUIPMENT

[MEASURING INSTRUMENT]

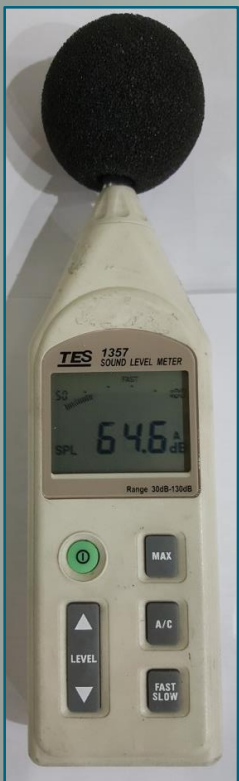


2 DEMENSIONS INSPECTION EQUIPMENT



Height Gauge

❖ INSPECTION / MEASURING INSTRUMENT



NOISE MEASURING TOOL



TENSILE STRENGTH TOOL



INFRARED THERMOMETER



ULTRASONIC THICKNESS GAUGE



FILM THICKNESS GAUGE

❖ INSPECTION / MEASURING INSTRUMENT

No.	Instrument	Scope	Qty	Maker
1	DIAL GAUGE	0.01	20	MITUTOYO
2	DIAL INDICATOR	0.01	6	MITUTOYO
3	DIAL INDICATOR	0.001	2	MITUTOYO
4	CYLINDER GAUGE	6~10	1	MITUTOYO
5	CYLINDER GAUGE	10~18.5	1	MITUTOYO
6	CYLINDER GAUGE	18~35	3	MITUTOYO
7	CYLINDER GAUGE	35~60	3	MITUTOYO
8	CYLINDER GAUGE	50~100	3	MITUTOYO
9	CYLINDER GAUGE	100~160	1	MITUTOYO
10	CYLINDER GAUGE	160~300	3	MITUTOYO
11	OUTSIDE MICROMETER	0~25	3	MITUTOYO
12	OUTSIDE MICROMETER	25~50	3	MITUTOYO
13	OUTSIDE MICROMETER	50~75	3	MITUTOYO
14	OUTSIDE MICROMETER	75~100	2	MITUTOYO
15	OUTSIDE MICROMETER	100~125	1	MITUTOYO
16	OUTSIDE MICROMETER	125~150	2	MITUTOYO
17	OUTSIDE MICROMETER	175~200	1	MITUTOYO

No.	Instrument	Scope	Qty	Maker
18	OUTSIDE MICROMETER	150~300	2	MITUTOYO
19	OUTSIDE MICROMETER	300~400	1	MITUTOYO
20	OUTSIDE MICROMETER	400~500	1	MITUTOYO
21	OUTSIDE MICROMETER	500~600	1	MITUTOYO
22	OUTSIDE MICROMETER	600~700	1	MITUTOYO
23	OUTSIDE MICROMETER	50~75 (접시)	1	MITUTOYO
24	MICROMETER(기어 이 두께)	0~50mm	2	MITUTOYO
25	MICROMETER(BALL)	0~25mm	1	MITUTOYO
26	MICROMETER(BALL)	25~50mm	1	MITUTOYO
27	MICROMETER(나사)	0~25mm	1	MITUTOYO
28	MICROMETER(나사)	25~50mm	1	MITUTOYO
29	MICROMETER(나사)	50~75mm	1	MITUTOYO
30	VERNIER CALIPERS	0~200	1	MITUTOYO
31	VERNIER CALIPERS	0~300	8	MITUTOYO
32	VERNIER CALIPERS	0~600	1	MITUTOYO
33	VERNIER CALIPERS	0~1000	1	MITUTOYO

❖ QUALITY INSURANCE / PATENT



Certificate of Registration

품질경영시스템인증서

동재공업(주)

대구광역시 북구 검단동로 47-15 (검단동)

ICR 은 상기업체의 품질경영시스템이
아래의 인증규격에 적합함을 인증합니다

ISO 9001:2015

인증관련 규정을 항상 준수한다는 조건으로 등록승인을 부여합니다.

인증범위

선박 엔진 부품, 로보트부품, 자동차도어, 프레임용 기계 설계, 개발 및 제조

인증일자 : 2017년 07월 25일
유효기간 : 2020년 07월 24일

최초 인증일 : 2007년 07월 03일
인증서 번호 : Q4242/07

The Seal of ICR Limited was here to affixed
in the presence of:



President



본 인증은 ICR의 국제 인증입니다.
본 인증에 동의하는 모든 기업은 ICR의 규정과 규격, 사양을 항상 준수하여 인증을 유지 합니다.
본 인증에 대한 문의는 본사 인증 관리팀 또는 본사 고객센터로 문의 주시기 바랍니다.
인증기간 만료일 이후에는 본사 인증 관리팀에서 연락을 드립니다.



제 R080301-04292 호

경영혁신형 중소기업(Main-Biz) 확인서

업 체 명 : 동재공업(주)

대표자명 : 이진범

주 소 : 대구 북구 검단동로 47-15 (검단동)

유효기간 : 2017.12.02 ~ 2020.12.01

위 업체는 경영혁신형 중소기업 육성사업에 의해
선정된 경영혁신형 중소기업(Main-Biz)임을 확인
합니다.



2017년 11월 24일

중소벤처기업부장



제 R8031 - 0807 호

기술혁신형 중소기업(Inno-Biz) 확인서

업 체 명 : 동재공업(주)

대 표 자 : 이진범.이강호

주 소 : 대구 북구 검단동로 47-15 (검단동)

등 급 : A

유효기간 : 2020. 4. 3 ~ 2023. 4. 2

위 업체는 기술혁신형 중소기업 육성사업에 의해
선정된 기술혁신형 중소기업(Inno-Biz)임을 확인
합니다.



2020년 3월 23일

중소벤처기업부장



❖ QUALITY INSURANCE / PATENT

[문서번호: DBhP-PDhM-dBaq-bbXi]

[발급일자: 2019년 09월 18일]

제 20084326 호

기업부설연구소 인정서

1. 연구소명: 동재공업(주)기업부설연구소
[소속기업명: 동재공업(주)]
2. 소재지: 대구광역시 북구 검단로27길 79 (검단동)
3. 신고연월일: 2019년 09월 17일
(최초인정일: 2008년 5월 20일)

과학기술정보통신부

「기초연구진흥 및 기술개발지원에 관한 법률」 제14조의 2제1항 및 같은 법 시행령 제27조제1항에 따라 위와 같이 기업부설연구소로 인정합니다.



2019년 9월 18일

한국산업기술진흥협회장



※ 한국산업기술진흥협회에서 발급되었으며 "https://www.mnd.or.kr"에서 "문서번호"를 입력하면 원본대조 및 유효성을 검증할 수 있습니다.



수출유망중소기업지정증

제10대구경북 - 72 호

업체명: 동재공업(주) (사업자등록번호: 504-81-47471)
생산품목: Bending Machine
주소: 대구 북구 검단동 700-12
대표자: 이진범

귀사를 중소기업수출지원센터의 설치 및 운영에 관한 규정에 따라 2010년도 수출유망중소기업으로 지정함

지정기간: 2010. 12. 01 ~ 2012. 11. 30



2010. 12. 01

대구·경북지방중소기업청장(수출지원센터장)



미래를 개척하는
현대중공업

우수 협력회사

동재공업(주)
대표이사 이진범

귀사는 투철한 품질의식과 납기준수 노력으로 당사의 생산성 향상과 고객 신뢰도 증대에 기여한 공이 크므로 2015년도 우수협력회사로 선정하여 표창합니다.

2016년 1월 20일

현대중공업주식회사
대표이사
사장 권오갑

❖ **AWARD**



제 87489 호

MINISTRY OF KNOWLEDGE ECONOMY

표 창 장

동재공업(주)
대표이사 이진범

귀하는 투철한 사명감으로 맡은 바 직무를 성실히 수행하여 기업의 경쟁력향상과 국가산업 발전에 기여한 공이 크므로 이에 표창합니다.

2010년 12월 31일



지식경제부장관 **최경환**



제 11-8030 호

표 창 장

동재공업주식회사
대표이사 이진범

귀하는 무역증진을 통하여 우리나라의 경제 발전에 기여한 공이 크므로 제48회 무역의 날을 맞이하여 이에 표창함

2011년 12월 12일



한국무역협회 회장 **사공일**



제 115 호

표 창 장

동계오토테크(주)
대표 **이강호**

귀하는 투철한 사명감과 성실한 자세로 지역경제 발전에 이바지하여 왔으며, 특히 생산성 향상 및 노사협력을 통해 산업 발전에 기여한 공이 크므로 표창합니다.

2020년 2월 26일



대구광역시장 권영진



❖ CERTIFICATE OF PATENT

특허증
CERTIFICATE OF PATENT

특허 제 10-1687822 호
Patent Number

출원번호 제 10-2015-0128179 호
Application Number

출원일 2015년 09월 10일
Filing Date

등록일 2016년 12월 13일
Registration Date

발명의 명칭 Title of the Invention
롤 포밍 시스템용 프레스장치

특허권자 Patentee
동재공업주식회사(170111-***)**
대구광역시 북구 검단동로 47-15 (검단동)

발명자 Inventor
이진범(600220-***)**
대구광역시 북구 검단동로 47-15(검단동)

위의 발명은 「특허법」에 따라 특허등록원부에 등록되었음을 증명합니다.
This is to certify that, in accordance with the Patent Act, a patent for the invention has been registered at the Korean Intellectual Property Office.

2016년 12월 13일

특허청장
COMMISSIONER,
KOREAN INTELLECTUAL PROPERTY OFFICE

최동규



특허증
CERTIFICATE OF PATENT

특허 제 10-1782628 호
Patent Number

출원번호 제 10-2016-0121735 호
Application Number

출원일 2016년 09월 22일
Filing Date

등록일 2017년 09월 21일
Registration Date

발명의 명칭 Title of the Invention
바렐캠 포지셔너

특허권자 Patentee
동재공업주식회사(170111-***)**
대구광역시 북구 검단동로 47-15 (검단동)

발명자 Inventor
이진범(600220-***)**
대구광역시 수성구 두산동 113번지 sk리더스뷰 105동 1603호

위의 발명은 「특허법」에 따라 특허등록원부에 등록되었음을 증명합니다.
This is to certify that, in accordance with the Patent Act, a patent for the invention has been registered at the Korean Intellectual Property Office.

2017년 09월 21일

특허청장
COMMISSIONER,
KOREAN INTELLECTUAL PROPERTY OFFICE

특허청
Korean Intellectual
Property Office

성문보



특허증
CERTIFICATE OF PATENT

특허 제 10-1939176 호
Patent Number

출원번호 제 10-2017-0112152 호
Application Number

출원일 2017년 09월 01일
Filing Date

등록일 2019년 01월 10일
Registration Date

발명의 명칭 Title of the Invention
벤딩 머신용 가공물 장력조절장치

특허권자 Patentee
동재공업(주)(170111-***)**
대구광역시 북구 검단동로 47-15 (검단동)

발명자 Inventor
등록사항란에 기재

위의 발명은 「특허법」에 따라 특허등록원부에 등록되었음을 증명합니다.
This is to certify that, in accordance with the Patent Act, a patent for the invention has been registered at the Korean Intellectual Property Office.

2019년 01월 10일

특허청장
COMMISSIONER,
KOREAN INTELLECTUAL PROPERTY OFFICE

특허청
Korean Intellectual
Property Office

박원주

 QR코드로 현재기준 등록사항을 확인하세요

❖ CERTIFICATE OF PATENT



특허증
CERTIFICATE OF PATENT

특허 Patent Number	제 10-1963573 호
출원번호 Application Number	제 10-2017-0112151 호
출원일 Filing Date	2017년 09월 01일
등록일 Registration Date	2019년 03월 25일

발명의 명칭 Title of the Invention
차량용 도어 프레임 서보 밴딩장치

특허권자 Patentee
동재공업(주)(170111-*****)
대구광역시 북구 검단동로 47-15 (검단동)

발명자 Inventor
등록사항란에 기재

위의 발명은 「특허법」에 따라 특허등록원부에 등록되었음을 증명합니다.
This is to certify that, in accordance with the Patent Act, a patent for the invention has been registered at the Korean Intellectual Property Office.



특허청
Korean Intellectual Property Office

2019년 03월 25일



QR코드로 현재기준
등록사항을 확인하세요

특허청장
COMMISSIONER,
KOREAN INTELLECTUAL PROPERTY OFFICE

박원주



특허증
CERTIFICATE OF PATENT

특허 Patent Number	제 10-2082101 호
출원번호 Application Number	제 10-2018-0141699 호
출원일 Filing Date	2018년 11월 16일
등록일 Registration Date	2020년 02월 21일

발명의 명칭 Title of the Invention
차량의 루프레일용 알루미늄관 밴딩머신

특허권자 Patentee
동재공업(주)(170111-*****)
대구광역시 북구 검단동로 47-15 (검단동)

발명자 Inventor
이진범(600220-*****)
대구광역시 수성구 수성로 71, 108동1509호 상동 동일하이빌

위의 발명은 「특허법」에 따라 특허등록원부에 등록되었음을 증명합니다.
This is to certify that, in accordance with the Patent Act, a patent for the invention has been registered at the Korean Intellectual Property Office.



특허청
Korean Intellectual Property Office

2020년 02월 21일



QR코드로 현재기준
등록사항을 확인하세요

특허청장
COMMISSIONER,
KOREAN INTELLECTUAL PROPERTY OFFICE

박원주



특허증
CERTIFICATE OF PATENT

특허 Patent Number	제 10-2094133 호
출원번호 Application Number	제 10-2018-0141698 호
출원일 Filing Date	2018년 11월 16일
등록일 Registration Date	2020년 03월 23일

발명의 명칭 Title of the Invention
코어 삽입을 이용한 차량의 루프레일용 알루미늄관 밴딩 가이드장치

특허권자 Patentee
동재공업(주)(170111-*****)
대구광역시 북구 검단동로 47-15 (검단동)

발명자 Inventor
이진범(600220-*****)
대구광역시 수성구 수성로 71, 108동1509호 상동 동일하이빌

위의 발명은 「특허법」에 따라 특허등록원부에 등록되었음을 증명합니다.
This is to certify that, in accordance with the Patent Act, a patent for the invention has been registered at the Korean Intellectual Property Office.



특허청
Korean Intellectual Property Office

2020년 03월 23일



QR코드로 현재기준
등록사항을 확인하세요

특허청장
COMMISSIONER,
KOREAN INTELLECTUAL PROPERTY OFFICE

박원주

❖ CERTIFICATE OF PATENT

특허증
CERTIFICATE OF PATENT

특 허 제 10-2181769 호
Patent Number

출원번호 제 10-2019-0050600 호
Application Number

출원일 2019년 04월 30일
Filing Date

등록일 2020년 11월 17일
Registration Date

발명의 명칭 Title of the Invention
알루미늄 롤포밍 설비용 연코일러 장치

특허권자 Patentee
동재공업주식회사(170111-*****)
대구광역시 북구 검단동로 47-15 (검단동)

발명자 Inventor
이진범(600220-*****)
대구광역시 수성구 수성로 71, 108동1509호 상동 동일하이빌

위의 발명은 「특허법」에 따라 특허등록원부에 등록되었음을 증명합니다.
This is to certify that, in accordance with the Patent Act, a patent for the invention has been registered at the Korean Intellectual Property Office.

2020년 11월 17일

특허청장
COMMISSIONER,
KOREAN INTELLECTUAL PROPERTY OFFICE

김용래





QR코드로 현재기준 등록사항을 확인하세요

특허증
CERTIFICATE OF PATENT

특 허 제 10-2251692 호
Patent Number

출원번호 제 10-2020-0009121 호
Application Number

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발명의 명칭 Title of the Invention
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위의 발명은 「특허법」에 따라 특허등록원부에 등록되었음을 증명합니다.
This is to certify that, in accordance with the Patent Act, a patent for the invention has been registered at the Korean Intellectual Property Office.

2021년 05월 07일

특허청장
COMMISSIONER,
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김용래





QR코드로 현재기준 등록사항을 확인하세요

특허증
CERTIFICATE OF PATENT

특 허 제 10-2301423 호
Patent Number

출원번호 제 10-2020-0009122 호
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발명의 명칭 Title of the Invention
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2021년 09월 07일

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QR코드로 현재기준 등록사항을 확인하세요

❖ BRIEF MAP



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