

CHAPTER

03

Engineered Parts & Solutions

DAE JIN HYDRAULIC MACHINERY Co., Ltd.

SJE Co., Ltd.

KORON Co., Ltd.

Yujin Robot Co.,Ltd.

BOARD TECH&DAVID

Safetics Inc.

SM Switch Co., Ltd.

Daehyunnentec Co.,Ltd.

INTEKPLUS Co., Ltd.

PARTSNER Co.,Ltd

GLS Inc.

Hannover Messe2021

DAEJIN HYDRAULIC
MACHINERY
Co., Ltd.

PRESIDENT

Park Yong bong

CONTACT

Park Hyeong geun

WEBSITE

www.tecpos.com

TEL

+82-51-325-9472

FAX

+82-51-325-9474

E-MAIL

tecpos@tecpos.com

ADDRESS

72, Gayadaero103beon-gil, Sasang-gu, Busan, Korea



ECO-FRIENDLY HYDRAULIC HAND PUMP

This hand pumps help work easier and simpler than previous models do due to upgraded specifications.

- Lightweight design and unloading valve for less operator fatigue.
- Vent-free reservoir prevents oil leak.
- Removal internal pressure automatically of reservoir.



AIR DRIVEN LIQUID SINGLE OR DOUBLE PUMP

This “Air driven liquid single or Double Pump” used 1~7 Bar air pressure is available with the highest ratio capable of hydraulic pressures up to 3500Bar(50,700psi) and it can be produced by various customizing



BATERY OPREATED PUMP

Fast and powerful portable hydraulic pump.
Lightweight, compact design makes it portable, and can be used with a single hydraulic tool and a cylinder. Pressure control and setup for work purposes



HYDARULIC CYLINDER

It has a regular single acting/double acting type. a shorty-cylinder suitable for use where is a minimum of clearance for insertion of cylinder. and Aluminum cylinders that are highly corrosive and light weight.

At a Glance

Business Type	Manufacture	Established Year	1995	Employee Number	39	Certifications	CE, ISO
R&D Employee	5	Annual Sales	USD \$6.6 millions(in 2019)	Export Amount	USD \$ 300,000(in 2019)		

Major Customers

· Korea :SAMSUNG HEAVY INDUSTRIES, HYUNDAI SAMHO HEAVY INDUSTRIES,ETC,

Hannover Messe2021

SJE Corporation Co., Ltd.

COMPANY OVERVIEW

SJE Co., Ltd. was established in Korea in 1991. We have invented Optima Steamer which is an industrial steam cleaning machine. Optima teamer is the most popular industrial steam cleaning machine in the world. To date, we have exported Optima Steamer to more than 120 countries around the world and have worldwide distribution networks including the US office. Since the outbreak of COVID-19, people have been paying more attention to sanitation and hygiene.

PRESIDENT	Homoog Yoo
CONTACT	Jihyun Yang
POSITION	Senior Manager
WEBSITE	www.sjecorp.com
TEL	+82 51 521 3200
FAX	+82 51 3305
E-MAIL	sales@sjecorp.com
ADDRESS	78-21 Sandan 7-ro, Jeonggwan-eup, Gijiang-gun Busan, Korea



Optima Steamer XD

<Optima Steamer XD> is not only a professional external car wash machine but also an excellent car interior cleaner because it is an effective disinfection machine and a chemical-free weed-remover. Also, it can be used for a multi-purpose cleaning machine without changing internal settings or parts. With a portable generator, the machine becomes a portable steam cleaner to clean even in outside.



Optima Steamer XE

<Optima Steamer XE> is an electrical-powered steam cleaner. It has a durable body design, an energy-efficient steam vessel, a selection of wet to dry steam and a smart control system. So, it is easy to maintain. The machine is solely electric-powered to be suited for indoor cleaning and sanitization applications. It has applied to the cleaning for commercial facilities, the sanitization for animal holding facilities, the pre-treatment for painting or coating, and the fixed or mobile aid sanitization in a hospital.

Strengths

- | | | |
|--------------------------------|----------------------------|----------------------------|
| · Conserve Water | · Reduce Your Costs | · Rim brake dust removal |
| · Reduce Chemical Use | · Expand Your Services | · Deep leather cleaning |
| · Eliminate Waste Water Runoff | · Engine Cleaning | · Deodorizing |
| · Simplify Your Operations | · Upholstery stain removal | · Chemical-free sanitizing |

At a Glance

Business Type	Manufacture	Established Year	1991	Employee Number	30	Certifications	CE, SASO, c-CSA-us (CSA+NRTL) INMETRO, ISO 9001
Annual Sales	8,500,000 USD	Export Amount	5,000,000 USD				

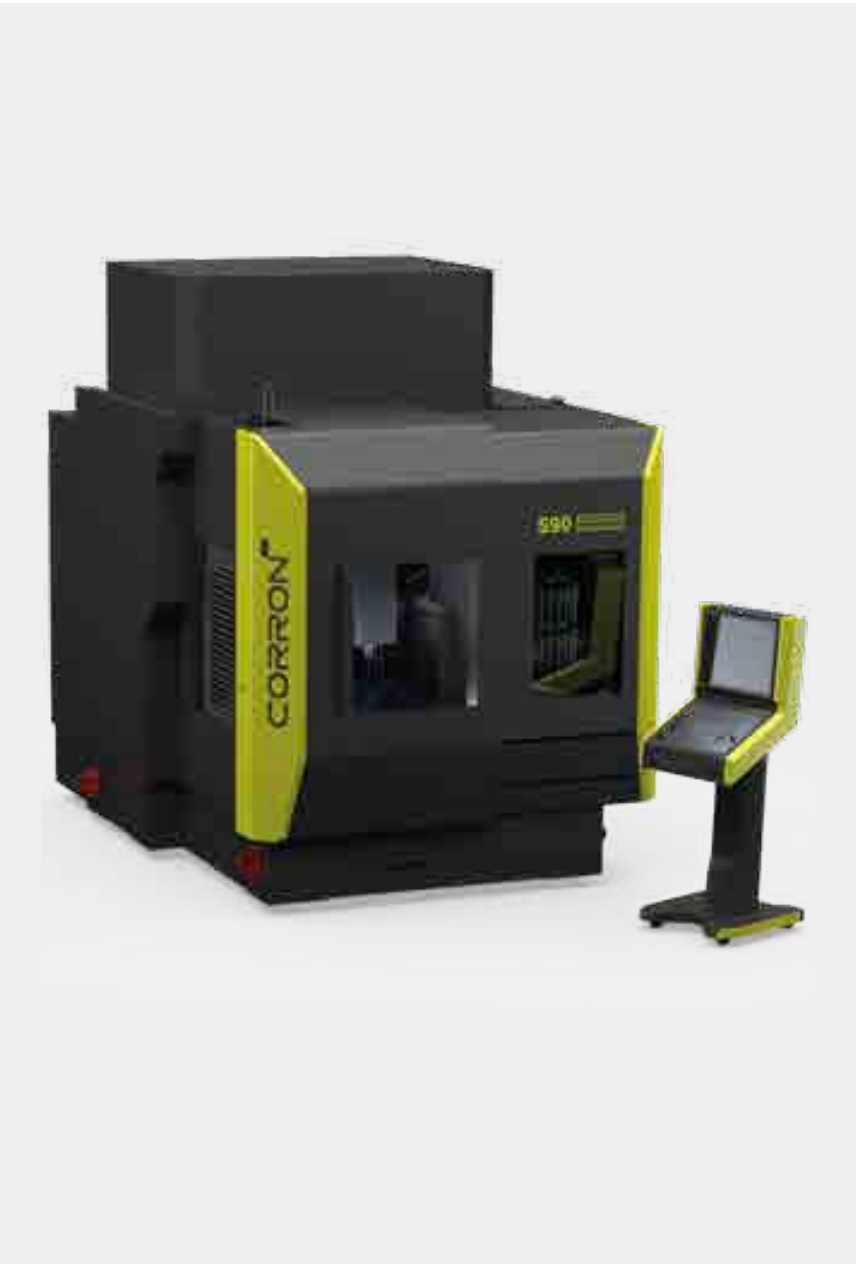
Hannover Messe2021

CORRON Co., Ltd.

COMPANY OVERVIEW

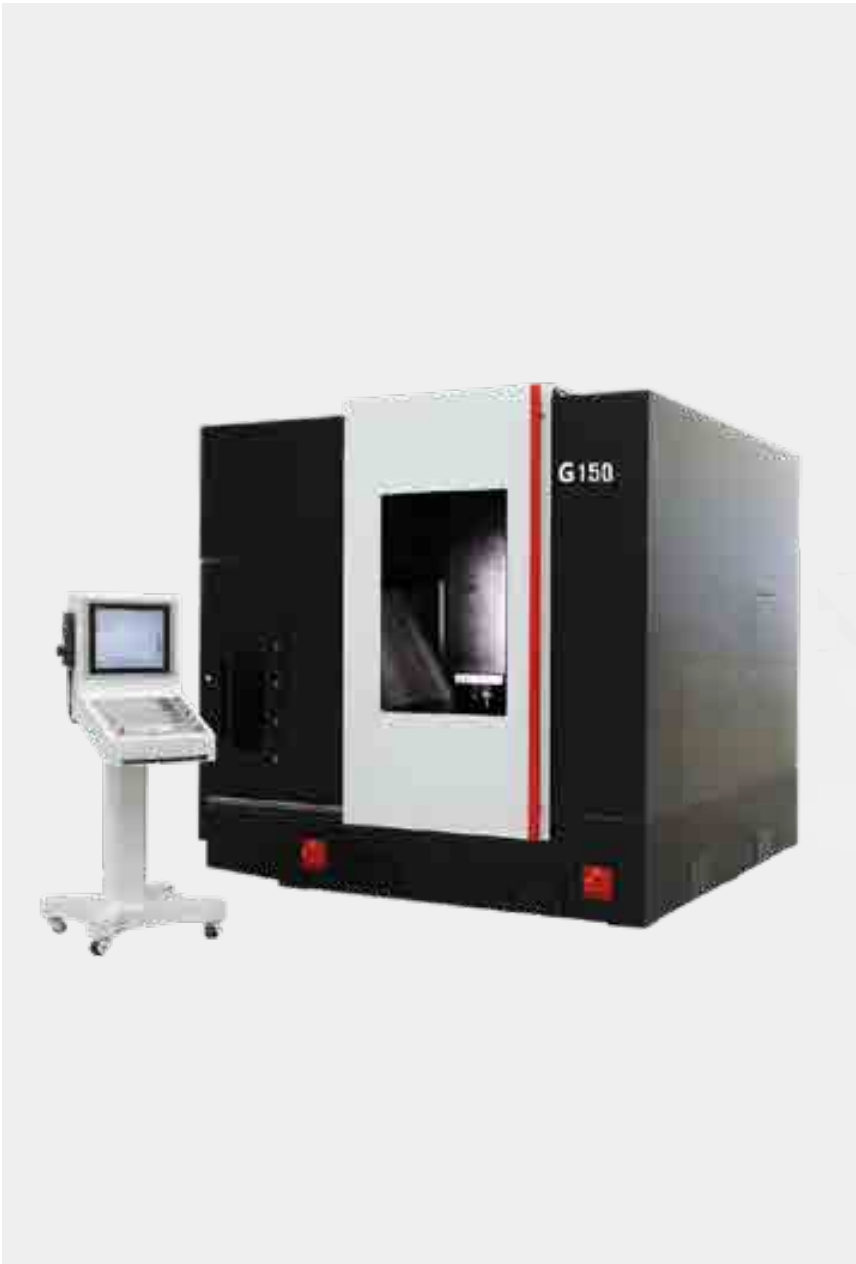
With a spirit of challenge, constant research and development, and customer satisfaction, corron will do our best to help our clients achieve greater profits. We currently operate laboratories in Germany and South Korea, with overall development in Germany and partial development and manufacturing in South Korea. The Plant in South Korea manufactures High Precision Cutting Machines, NANO High Precision Cutting Machines, High precision Electric Discharge Machine, 5-axis laser Machines, 5-axis laser waterjet Machiens, customized amchines, Retrofitting and automation line. We promise to provide high quality, resonable price, best service and cusomer satisfaction that surpass those of developed countries.

CONTACT	Kristina Joo
POSITION	Project Manager
WEBSITE	www.corron.co.kr
TEL	+82-1522-0846
FAX	+82-41-585-8260
E-MAIL	as@corron.co.kr
ADDRESS	11-1, 4sandan 5gil, Jiksan-eup, Seobuk-gu, Cheonan-si, Chungnam, Korea



NANO HSC MACHINE

Corron's new standard and proprietary technology
NANO ULTRA PRECISION LINEAR HSC Machine ensures
optimum surface 'Ra 8-10nm', productivity and Efficiency



HSC GANTRY MACHINE

STABLE WORKPIECE
WEIGHT OF TH WORKPIECE = VARIABLE
MOVING AXIS = CONSTANT
MACHINE FOR LARGE WORKPIECES

GANTRY structure with all sections excellent accuracy



LASER MACHINE

- Broad process window
- No heat damage / no burr
- No material deformation
- No re-contamination
- Also non-conductive materials
- semiconductor materials processed

At a Glance

R&D Employee 8 Employee Number 31 Certifications ISO9001, ISO14001, CE

Major Customers

Oversales : Stuttgart, Germany

Hannover Messe2021

YUJIN ROBOT Co., Ltd.

COMPANY OVERVIEW

Building on our three decades of experience in developing robots of all types and functions, our vision is to provide to robotization capabilities to the world: sensor, and robotics solutions that give manual machines the power to see, think, and act on the world around them. We're bringing Yujin Robot technologies to the world's most forward-thinking companies, starting with businesses that manufacture, transport and store in the physical world.

PRESIDENT	Mr. Park Seong Ju
CONTACT	Andy Jun
POSITION	Head of Overseas Components Sales
WEBSITE	www.yujinrobot.com
TEL	+82 32 550 2322
FAX	+82 32 550 2301
E-MAIL	andyjun@yujinrobot.com
ADDRESS	33, Harmony-ro, 187beon-gil, Yeonsu-gu, Incheon, Republic of Korea

Autonomous Mobility Solution (AMS)



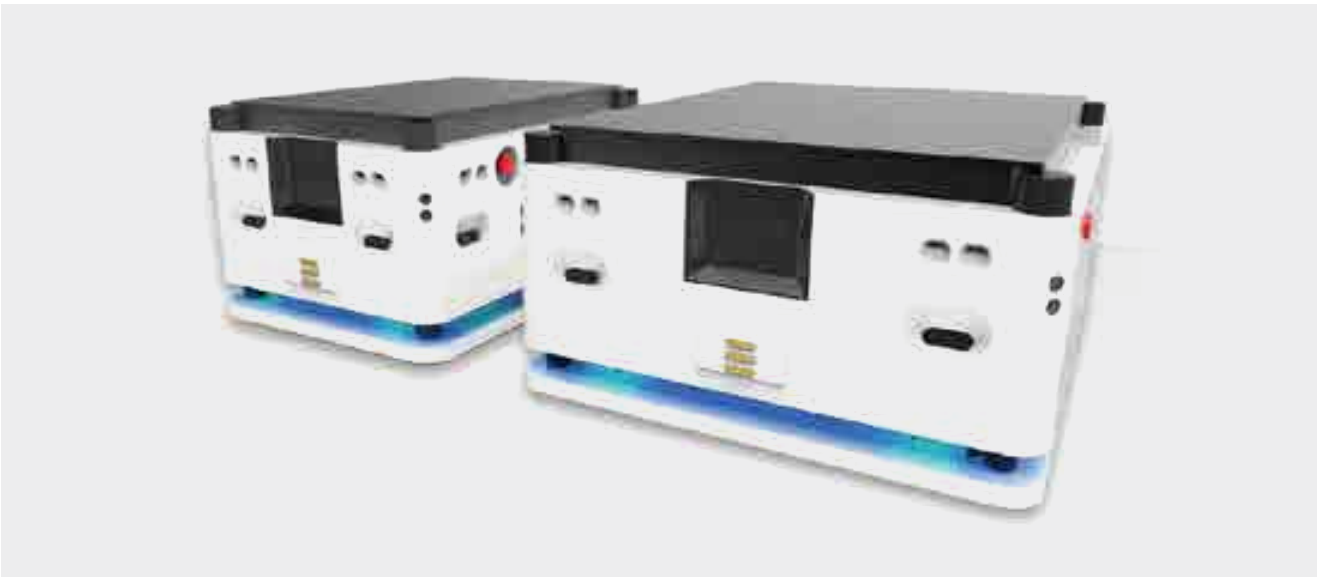
Yujin LiDAR (Light Detection And Ranging)

· YRL2-20 · YRL2-10 · YRL2-05 · YRL3-20 · YRL3-10 · YRL3-05



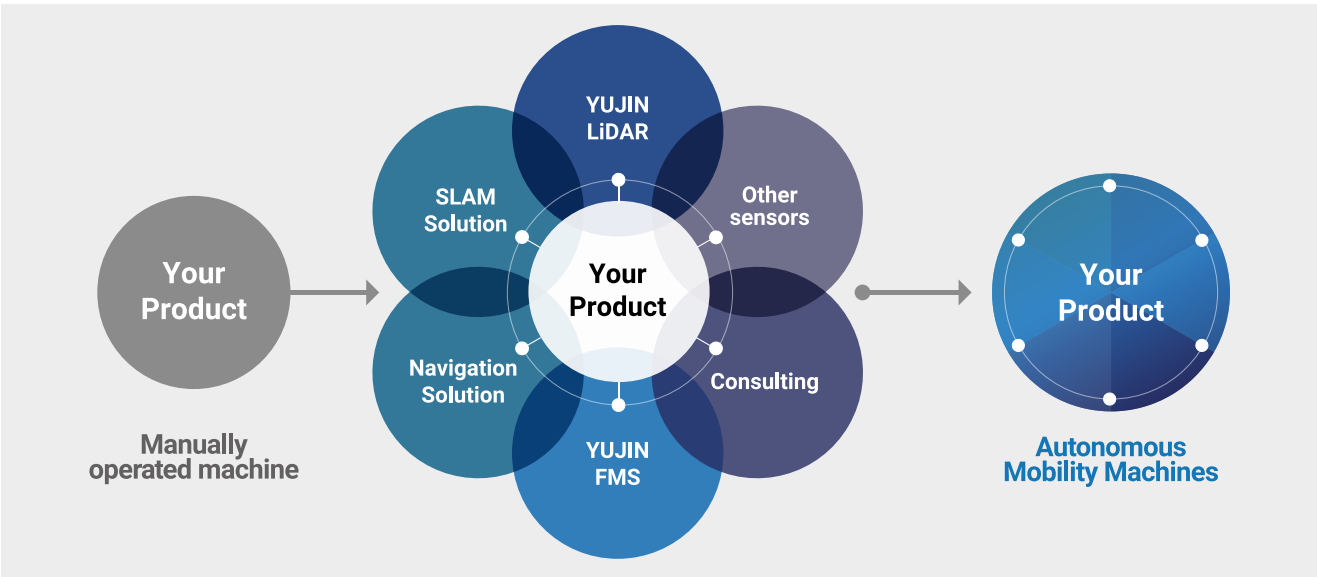
YUJIN SLAM & Navigation

· AMS-SLAM-1000/1001 · AMS-Navi-1000/100N/100NS · Safety Controller



YUJIN Mobile Platform

· GoCart180 · GoCart250 · AMS-FMS



YUJIN Robotization

One-stop end to end solution for transforming your manual machine into an autonomous mobility robot

Strengths

- YUJIN AMS supports customized solutions for autonomous mobility including LiDAR, SLAM, navigation software and a globally accredited ISO standard safety system.
- YUJIN's engineering services provide robotics to create tailored robotics solutions for your unique requirements.
- YUJIN Robot provides innovative robotics solutions that enhance the quality of life by improving overall productivity and thereby optimize cost efficiency.

At a Glance

Business Type	Manufacture	Established Year	1988	Employee Number	160	Certifications	KC, CE, ISO14001, ISO9001
R&D Employee	80	Annual Sales	\$71M				

Hannover Messe2021

SAFETICS Inc.

COMPANY OVERVIEW

World's first and only risk-self evaluation and control technology for collaborative robots : InteractionSafe Software This software is embedded software which is installed on the control PC of collaborative robot . It estimates the collision force and pressure in real time and controls the robot speed at the maximum safe speed to ensure that the robot meets the collision criteria (ISO/TS 15066) of the collaborative robot. We also provide the evaluation service for end-users who want to check and ensure the collision safety of the intalled cobots based on ISO 10218-1 and ISO/TS 15066.

PRESIDENT	Heonseop Shin
CONTACT	Heonseop Shin
POSITION	CEO
WEBSITE	www.safetics.net
TEL	82-10-2915-7113
FAX	82-31-201-3772
E-MAIL	hsshin@safetics.net
ADDRESS	122, Mapo-daero, Mapo-gu, Seoul, Republic of Korea


ProductsEngineered Parts & Solutions

KOREA

InteractionSafe withCobot Makers

Emdedded Software for cobots

- Make your robot self-risk recognizable
- Provide robots with tools that satisfy ISO 10218-2 and ISO/TS 15066




InteractionSafe withCobot Users

ISO 10218-2, ISO/TS 15066 Certification for End-users

- Make sure the installed cobot satisfies ISO 10218-2 and ISO/TS 15066,
- Ensure your robot is safely operated without any safety fence safe


1st

Record teaching pendent while the robot is moving




2nd

Upload with tools mass and sharpness information



3rd

Verify the safety of cobot



Strengths

· It Makes robot self-risk recognizable and robot makers is able to provide robots to customer with tools that satisfy ISO 10218-2 and ISO/TS 15066

At a Glance

Business Type	Software	Established Year	2020	Employee Number	5	Certifications	SIL3 (Scheduled to be acquired in August 2020)
R&D Employee	4	Annual Sales	\$20,000	Export Amount	\$0		

Major Customers

Robot maker, Robot System Integrator

kotra

Korea Trade-Investment Promotion Agency

KAR

Korea Association of Robot Industry

Hannover Messe2021

SM SWITCH Co., Ltd.

COMPANY OVERVIEW

SM Switch is a top leading manufacturer of Rotary Dip Switches and LED Modules in Korea. We were established in Feb, 1995 and have more than twenty years experiences to produce electrical components. Our products compete in terms of high quality, reliability and above all variety. Our R&D engineers are well knowledged and have experience to support customers’ specific requests and ODM. Also, we have an automated production line which can provide the stable and high-quality products to the customers. We got ISO 9001 and ISO 14001 certificates to follow the international quality and environmental management working procedure. Our switches can be applied to lots of areas. For example, Circuit breaker, System air-conditioner, Lighting controller, Medical equipment, Home auto system, CCTV, Network system and so on.

PRESIDENT	Young-Dae Wang
CONTACT	Jason Li
POSITION	Oversales
WEBSITE	www.smswitch.net
TEL	+82-32-621-1340~2, +49 151 2215 6434
FAX	+82-32-621-1343
E-MAIL	ysl@smswitch.net
ADDRESS	3502 Ga Dong, Jungang Circulation Complex 15,Gyeongin-ro 53-gil, Guro-gu,Seoul,Korea

Products

Engineered Parts & Solutions

KOREA

MINI ROTARY DIPSWITCHES



Rotary Dip Switch

Position	04, 06, 08, 10, 16.
Structure	THT, SMD, Angled.
Size	10 x 10mm

- RoHS / REACH compliant.
- High reliability with use of gold-plated contact.
- System air Conditioner Automated equipment
- Lighting control CCTV Medical equipment
- Building control etc.,

LED MODULES



LED Module

Type	Single / double
	low luminance / high luminance.

- RoHS / REACH compliant.
- LED of various colors.
- 3Ø / 5Ø, round / square
- Maintain stable position by attaching PCB using.
- Standard plastic indicators
- Computer, Network, Modern, Security equipment, Communications equipment etc.,

DIP SWITCHES



Mini Slide Switch

Position	01 ~ 10
----------	---------

- RoHS / REACH compliant.
- Smoothly click feeling design.
- To protect flux flow structure.
- High reliability with use of gold-plated contact.
- Air conditioner, Home appliance, Lighting, CCTV, Communications equipment etc.,

Switch to Future



Push Button Switch

Push range	(0mm to 7.8mm)
Connect circuit	SPST / SPDT / DPST / DPDT etc.,

- RoHS / REACH compliant.
- High reliability with use of gold-plated contact.
- Computer, Network system, Modem, Security equipment, Communications equipment etc.,

Strengths

- SM Switch is equipped with variety of processing equipment to serve from common place to the most advanced Switch industry. Thanks to our integrated production capabilities from design to final inspection, customers can explore the latest frontiers in speed, efficiency and productivity from anywhere in the world.

At a Glance

Business Type	Manufacturing	Established Year	2014	Employee Number	15
R&D Employee	3	Annual Sales	KRW 1.6 billion	Export Amount	KRW 600 million
Certifications	ISO 9001 , ISO14001 , Certificate of Venture Business, Promising Export Firm CERTIFICATE Certificate for Specialized Materials and Components Enterprise				

Major Customers

- Korea : LS, SAMSUNG
- Oversales : HAIER, LIANG XIN

kotra

Korea Trade-Investment Promotion Agency

KEA

DAEHYUN

Hannover Messe2021

DAEHYUNENTEC
Co., Ltd.

PRESIDENT

CONTACT

POSITION

WEBSITE

TEL

FAX

E-MAIL

ADDRESS

JOONKYU KIM

JOONKYU KIM

CEO

www.airprom.co.kr

+82-2-2266-7560

+82-2-2266-7561

joonkim9@naver.com


1-714, 98, Gasan digital 2ro, Geumcheon gu, Seoul, Korea

47 / 59


Products

Engineered Parts & Solutions


KOREA



AIRPROM
Wearable air purifier mask



Filter



Face silicon

Strengths

· This is an air purifier mask that can be used permanently if you replace the filter.

· The use of a certified H13 Hepa filter protects the respiratory system by blocking 99.979% of harmful substances and infectious agents of particles greater than 0.3 micrometer.

· Ergonomically designed facial mask silicone is perfectly adhered to the face to block fine matter.

· The 18,600 rpm high-performance quiet motor provides a constant air supply that prevents sweat from the mask or moisture from the glasses and provides a pleasant breathing experience.

· The filter and face silicon(below pictures) are accessories of the main product and can be replaced.

At a Glance

Business Type

Manufacture

Established Year

2014

Employee Number

7

Certifications

CE, FCC, IC, FDA

R&D Employee

7

Annual Sales

KRW 597,583,000

Export Amount

\$95,570

kotra

Korea Trade-Investment
Promotion Agency

KOIIA

KOREA INDUSTRY INTELLIGENTIZATION ASSOCIATION

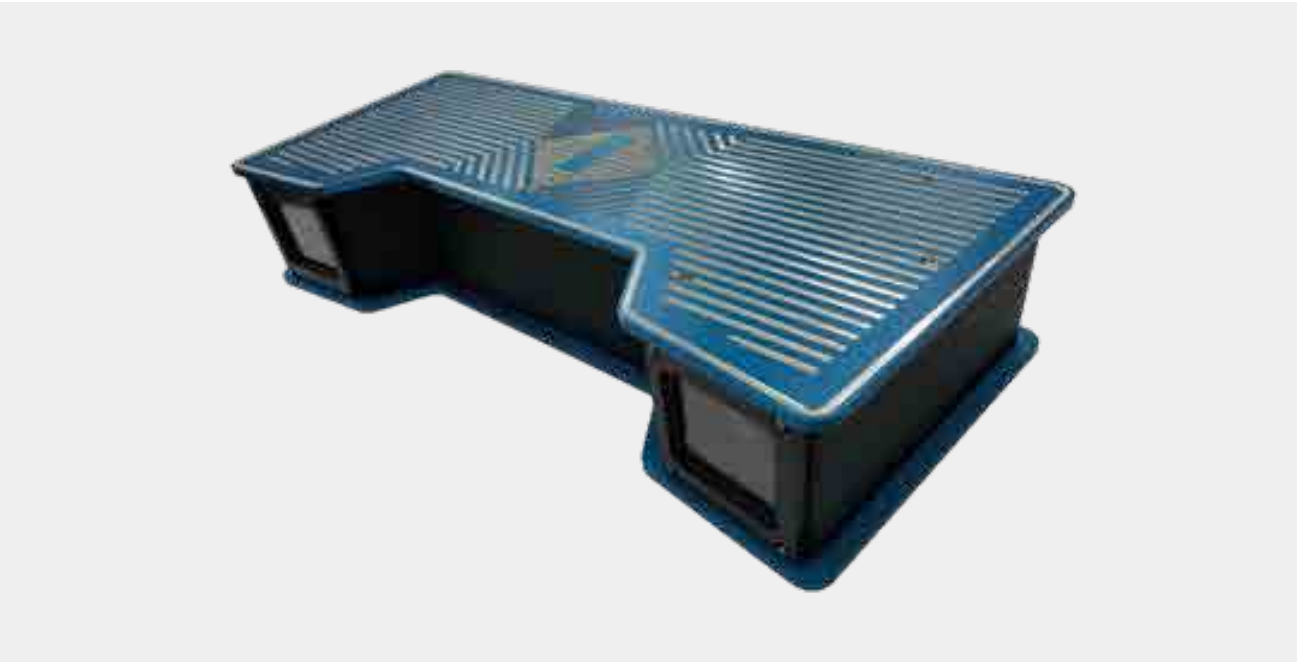
Hannover Messe2021

INTEKPLUS Co.,Ltd.

COMPANY OVERVIEW

Machine vision supplier possessing technical expertise. Supports customers with high performance vision systems.
Main products are inspection machines for production line of semiconductors, PCBAs, displays, secondary batteries, and vision modules such as 3D scanners, autofocus units, and digitizers.

PRESIDENT	Lee, Sang Yoon
CONTACT	SH Jeon
POSITION	Sale & Marketing
WEBSITE	http://www.intekplus.com/
TEL	+82-42-602-9602
FAX	+82-42-930-9999
E-MAIL	shjeon@intelpus.com
ADDRESS	#263, Techno 2-ro, Yuseong-Gu, Daejeon, 34026, South Korea. TEL : 82-42-602-9602



i3D-800

- i3D-800 is a high performance 3D area scan camera and features precise 3D point cloud data, using structured light and intensive imaging- processor embedded.
- i3D-800 enable customer to develop smart factory application such as Pick & Place, Robot Guidance, palletizing, robot guidance and 3D vision quality control.



iGrabX 12G4C

- Frame Grabber, iGrabX 12G4C features high speed image processing performance, transferring large volume of data trough the bandwidth, 12.25gbs x 4ch, as well as supporting the latest high speed cameras.

At a Glance

Business Type	Vision Machine & Module Manufacturer	Employee Number	250	Certifications	ISO 9001 / KS Q ISO 9001
R&D Employee	100	Annual Sales	USD 53M	Export Amount	USD 35.5M
				Established Year	1955

Major Customers

- **Korea** : Samsung Electronics, Hyundai, LG Chemical, SK innovation, SK Hynix,
- **Oversales** : Intel, EVE, Micron

Hannover Messe2021

PARTSNER Co., Ltd.

COMPANY OVERVIEW

- PARTSNER is an Auto-parts manufacturing and distribution company established in 2015.K21
- PARTSNER manufactured ACC Cabin filters, batteries, AGM batteries, coolant-antifreeze and engine oil using the certification system KAPA, similar to Germany's TUV.
- The Auto-parts distribution platform developed and operated by PARTSNER is equipped with 7 million big data for all makers of Car and all models of Car all around the world and famous domestic and overseas auto parts companies are entered in PARTSNER's platform.
(Domestic: Halla Group, Meyle Korea, etc. / Overseas: LKQ subsidiaries, Vierol, etc.) PARTSNER's products are also being domestic consumption and export through the platform.
- PARTSNER's major customers are Car Insurance Companies, Auto-repair shops, Auto-parts Manufacturers and Distributors, Car Owners.

PRESIDENT	Bo-min Kim
CONTACT	Bo-min Kim
POSITION	CEO
WEBSITE	www.auto-partsner.com
TEL	+82-42-522-0852
FAX	+82-42-826-2042
E-MAIL	b0min94@naver.com
ADDRESS	47, Yongmun-ro, Seo-gu, Daejeon, Republic of Korea



[Premium Hybrid Air Conditioning Filter, Z-Filter]

Strengths

- Instead of spraying conventional activated carbon powder on nonwoven fabric, activated carbon made like bricks and combines that carbon block with HEPA Filter. Therefore, which is excellent for blocking ultra-fine dust and removing emissions and odors.
- Use HEPA filter to filter out airborne contaminants such as fine dust Carbon block filter with thickness of 4mm is contaminated with exhaust gases and odors Apply Hybrid System to Remove Gas
- Increase filtration efficiency and durability by applying a dense cutting surface
- Noxious gas removal efficiency of 90% or more
(toluene, ammonia, ozone, sulfur dioxide, Nitrogen-dioxide, acetic acid)
- 2.5 micro meter ultra-fine dust removal efficiency 95%
- 19 types of harmful ingredients not detected including OIT, CMIT, MIT BIT

At a Glance

Business Type	Manufacturer	Established Year	2015	Certifications	KAPA Certification, Patents(10-2145359, 10-1744343, 10-1848494)
R&D Employee	2	Employee Number	7		
Annual Sales	416,666 (USD)	Export Amount	[2017] 3,308(USD), [2018] 2,318(USD), [2019] 720(USD)		

Major Customers

- **Korea** : Auto repair Shops, Auto-parts Distributors, Car Owners
- **Oversales** : Car Makers (BMW, BENZ, Volkswagen Group etc.)

Hannover Messe2021

GLS Co.,Ltd.

PRESIDENT Song Ki-Dong
CONTACT Seo Dong-Kyun
POSITION Manager
WEBSITE www.zinggls.com
TEL +82-42-936-8974
FAX +82-42-936-8977
E-MAIL gls84@zinggls.com
ADDRESS 1430 Yuseong-daero, Yuseong-gu, Daejeon 34101, Republic of Korea



Super fast 5G WPAN(Wireless Personal Area Network) chipset which is the world's first IEEE 802.15.3e fully compliant chipset using 60GHz mmwave called ZingTM technology.
It is promising to transform fast wireline P2P cables such as USB, HDMI, DP, etc to wireless world

Strengths

GLS is the world's first company to realized next generation WPAN technology which was released in Oct 2017 as global standard IEEE 802.15.3e. It's wireless data rate is 10 times faster than WiFi and 1,000 times faster than Bluetooth. Today GLS is leading the technology in mobile world and its solution is desirable for mobile, consumer like premium wireless TV, wireless digital signage, wireless AR/VR, and connected car applications.
GLS's ZingTM technology supports 2.5 Gbps of data or 6 Gbps of video wireless transmission today and it can cover wireless data communication speed up to 40 Gbps in near future (potentially up to 100 Gbps)

At a Glance

Business Type	R&D focused and technology leading company	Employee Number	20	Established Year	2017
Certifications	Certificate of Wireless Equipment's Conformity Assessment	R&D Employee	15		

Major Customers

- **Korea** : Samsung Electronics, LG Electronics, Hyundai Motors
- **Oversales** : Oppo, Seagate, Infineon

A close-up photograph of a mechanical engine component, possibly a piston or connecting rod, with a strong red color overlay. The image is used as a background for the chapter title page.

CHAPTER

04

Compressed Air & Vacuum

G&M Tech Inc.

EnE SYSTEM Co., Ltd.

Korea Motoyama Inc.

SGC Co., Ltd.

TEOBOWIN Co., Ltd.

GRANCO Co., Ltd.



Hannover Messe2021

G&M Tech Inc.

COMPANY OVERVIEW

We, G&M Tech Inc, are the specialized manufacturer of Oil-less Vacuum Pump and Air compressor for Semi Conductor Processing, Chip Mounter, Ozone/Oxygen generator, Environment Equipment like Air sampler, Skin Care & Vacuum Massager, Medical & Dental equipment, Packing machine, Food processing, Fuel Cell System etc., We are supplying our products to lots of set manufacturer in Europe, USA, Japan our customer have been satisfied with advanced quality and good price. We obtained CE and ISO14001, ISO9001.

PRESIDENT Bob. H Son
CONTACT Bob. H Son
POSITION President
WEBSITE www.gnmtechinc.com
TEL +82-31-459-8221
FAX +82-31-459-8611
E-MAIL info@gnm-mail.com
ADDRESS Rm. No. 404, Daewoo FV, 16-25, 16th St, Dongbaekjungang Rd. Giheung-Gu, Yongin-City, 17015, Korea

Products Compressed Air & Vacuum



KCC12182



KCC12186



KCC12198



KCC12201



KCC12214



Vacuum pumps & Air Compressor Series

Strengths

- OIL-Less operation & Permanently lubricated bearings
- Stainless steel Valves and AL Die Casting Body
- Completely Oil-free
- Clean compressed air and Clean vacuum
- Compact design & Light weight
- Low Noise & Vibration
- Leak tight design
- Distinguished Long life & Easy to maintain
- PTFE(Teflon) Coating available
- Fully proven long life

At a Glance

Business Type	Manufacture	Established Year	2002	Employee Number	30	Certifications	CE, RoHS2, ISO 9001, ISO 14001
R&D Employee	4	Annual Sales	\$ 12,000,000	Export Amount	\$3,600,000		

Major Customers

- **Korea** : Eunsung Global, HK-Mns, Clean Earth, Hansin Medical, Body Friend. Denstar, Austem
- **Oversales** : Bunn, Lindr, Mobileye, Zubler, Mindray, Screen, Bicakcilar, , Bermar, TOA DKK, KAUTEX, RFS



Hannover Messe2021

EnE SYSTEM Co., Ltd.

PRESIDENT InSu Jeon

CONTACT Bryan Seol

POSITION General Manager

WEBSITE www.enesystem.com

TEL +82-31-234-4001

FAX +82-31-234-4222

E-MAIL bryanseol@enesystem.com, dajeong0125@enesystem.com

ADDRESS #130-26, Cheongbuk-myeon, Hyungok-gil, Pyeongtaek-si, Gyeonggi-do, Korea

Products Compressed Air & Vacuum

KOREA



ENVISOL
Chemical type oil-water separator



YUSOO-BRAKER
Filtration type oil-water separator



AUTO DRAIN MASTER
Condensated drain system

Strengths

- | | | |
|---|--|--|
| ENVISOL <ul style="list-style-type: none">· Automatic operation enabled via monitoring system· Unnecessary environmental measures for hazardous substances via nontoxic splitting agent | YUSOO-BRAKER <ul style="list-style-type: none">· Easy to maintenance in the flexible site· Easily expendable by simply replacing the filter size· Filters can be replaced easily because the filter is on the outside | AUTO DRAIN MASTER <ul style="list-style-type: none">· Zero air loss, Excellent durability· Intelligent auto level sensor· Auto alarm system (emergency operation) |
|---|--|--|

At a Glance

Business Type	Manufacturing & Wholesale	Established Year	2006	Employee Number	14	Certifications	CE Certificate, TUV Certificate
R&D Employee	2	Annual Sales	2,750,000,000 WON	Export Amount	301,588 USD (2020)		ISO14001, ISO9001

Major Customers

- **Korea** : SAMSUNG, LG, HANHWA, etc.
- **Oversales** : Sendfin(china), Ethafilter(Italy), Powerflow(Ireland), etc.

Hannover Messe2021

KOMOTO

PRESIDENT Ryan Ko
CONTACT Ryan Ko
POSITION President
WEBSITE www.komoto.co.kr
TEL +82-31-985-2514
FAX +82-31-997-5981
E-MAIL info@komoto.co.kr
ADDRESS 29, Hakwoon Sandan -1 Ro, Yangchon-eup, Kimpo-City, Gyeonggi-do, Korea

Products Compressed Air & Vacuum



Globe Valve

- High Cv to body size ratio, which allows for smaller. and more cost effective valve size selection.
- High Cv to valve weight ratio.
- Optimized streamlined flow.
- Excellent flow control rangeability.



Butterfly Valve

- High Cv to valve weight ratio compared to conventional control valves.
- Throttlingcontrols 60° rotation.
- on-ff controls 90° rotation.
- Excellent flow control range ability.
- Triple-offset design



Self-Acting Pressure Regulators

- Direct operated / Pilot operated.
- Easy setting / Fast action.
- Low cost maintenance.
- Wide Control Range (0.005 Bar ~ 100 Bar)

At a Glance

Business Type	Manufacture	Established Year	2002	Employee Number	30	Certifications	ISO 9001, 14001, SIL certificate, API 6D, TR CU 032
R&D Employee	4	Annual Sales	\$ 12,000,000	Export Amount	\$3,600,000		

Major Customers

- **Korea** : smasung Engineering, SK innovation, S-Oil, GS Caltex, KUMHO PETROCHEMICAL, Hyndai Engineering. Honeywell, POSCO
- **Oversales** : Petroleum Development Oman LCC, ADNOC, National Iran Oil Company, Pars Oil & Gas Compay, Kuwait Oil Company, Kuwait National Petroleum Company, TURBOGAZ, PETRONAS

Hannover Messe2021

SGC Co.,Ltd.

COMPANY OVERVIEW

SGC Centralized Lubrication Equipment is marching to the world. With the progress of the industrial society, the progress in automation, and the expansion of manufacturing facilities, the function of all kinds of machinery has enjoyed a tremendous leap-forward. Lubrication Technology has contributed in many ways to this everlasting technical evolution. Centralized Lubrications Equipment can consolidate multiple lubrication areas and control lubricant usage. SGC Centralized Lubrication Equipment, as major part of preventive maintenance, helps our customers increase their profit.

WEBSITE www.sgck.co.kr

TEL +82-2-569-0333

FAX +82-2-569-4333

E-MAIL sgc9904@naver.com

ADDRESS 96, Gamasan-ro, Geumcheon-gu, Seoul, Republic of Korea

Products Compressed Air & Vacuum

KOREA



Cartridge Grease



Mettering Valve



Grease Pump



Oil Pump

Hannover Messe2021

Turbowin Co., Ltd.

COMPANY OVERVIEW

Turbowin is a manufacturer of centrifugal turbo blowers and turbo compressors. Led by experts and engineers who have been developing turbo technology for more than 20 years, Turbowin leads in the production of high speed, high efficiency and eco-friendly turbo machinery and we are proud to present our advanced turbo technology including direct-type permanent magnet synchronous motor (PMSM) with air foil bearing that demonstrates a reliable and high-quality performance.

PRESIDENT	Minsoo Kim
CONTACT	Minju Kim
POSITION	Team Leader – Overseas Sales
WEBSITE	www.turbowin.com
TEL	+82 2 554 0799
FAX	+82 2 556 0799
E-MAIL	info@turbowin.com
ADDRESS	633 Jeongjung Village, Osong Town, Chengju City, Chungchengbuk Province, Republic of Korea (Zip Code: 28164)

Products Compressed Air & Vacuum

KOREA



Turbo Blower **WL Series**



Turbo Compressor **WH Series**



Micro Turbo Blower **WM Series**



Smart Turbo Blower **WL-i Series**



Smart Turbo Compressor **WH-i Series**

Strengths

· World's Widest Lineup	From 10 to 1,200 HP
· World's Highest Efficiency	Ultra-high speed, high efficiency turbo blowers and compressors through High Efficient Permanent Magnet(PM) Motor, Dual Air Cooling System and Air Foil Bearing technology
· R&D Team	Constant research and development of new products and continuous effort to upgrade existing products
· World's Best Patents and Certificates	Over 49 certificates and 54 patents
· World's First IoT Smart Turbo Blower and Compressor	WL-i & WH-i Series

At a Glance

Business Type	Manufacture	Established Year	2015	Employee Number	64	Certifications	Domestic Certifications
R&D Employee	8	Annual Sales	\$13.6 million	Export Amount	\$6.4 million		International Certifications
							Domestic &International Patents
							Awards – 13 Awards

Major Customers

- **Korea** : 100 (including Samsung Electronics, LG Display, GS Construction, SK Hynix, etc.)
- **Oversales** : 72

Hannover Messe2021

GRANCO

COMPANY OVERVIEW

Granco is a company that provides systematic and professional smart factory and unmanned automation system solutions through ICT automation facilities and software development.

PRESIDENT	Bae Jun Ho
CONTACT	han ye seul
POSITION	Management support team
WEBSITE	www.granco.co.kr
TEL	+82-31-380-0420
FAX	+82-31-380-0421
E-MAIL	sales@granco.co.kr
ADDRESS	Manhae-ro, Danwon-gu, Ansan-si, Gyeonggi-do, 205, A-dong, 420



Food and Beverage PICK & PLACE Robot

- In line with the concept of AT Center in Yangjae, we introduced Food and Beverage Pick & Place Robot.
- In this exhibition hall, which promotes win-win cooperation between the food and food industry and manufacturing robots, an exhibition of robots that bring food and beverages to the correct location shall be displayed.
- It showed the excellence of industrial robots.



KT-Hyundai Robotics Speech Recognition Robot

- When a voice command is issued, a cooperative robot equipped with artificial intelligence technology has built a device to move a robot model that has been assembled.
- Assuming that a cooperative robot may collide with a person in the workplace, it shall comply with the order "Stop" and the cooperative robot shall remain intact.
- It showed innovation in the field of robot control by showing sophisticated movements such as stopping.

Certification

- Enterprise affiliated research institute registration
- Patent registration for 'Wireless-Based Cooperative Robot System for Continuous Beer Production'
- Copyright registration for 'City-type Flexible Production Control Program Using Android App'
- Registered as a member of the Korea Industrial Intelligence Association
- Venture Business Certification

CHAPTER

05

Energy Solutions

A.FW Co., Ltd.

JOONGWON Co., Ltd.

ENTEC ELECTRIC & ELECTRONIC Co., Ltd.

Hannover Messe2021

A.F.W Co., Ltd.

COMPANY OVERVIEW

A.F.W has introduced friction welding (FW) to domestic market for the first time and manufactured and distributed electric vehicle Li-ion battery parts which are used by the world’s renowned car makers such as BMW, Volkswagen and AUDI. We have developed and used our own FW facilities and achieved the highest quality through cost

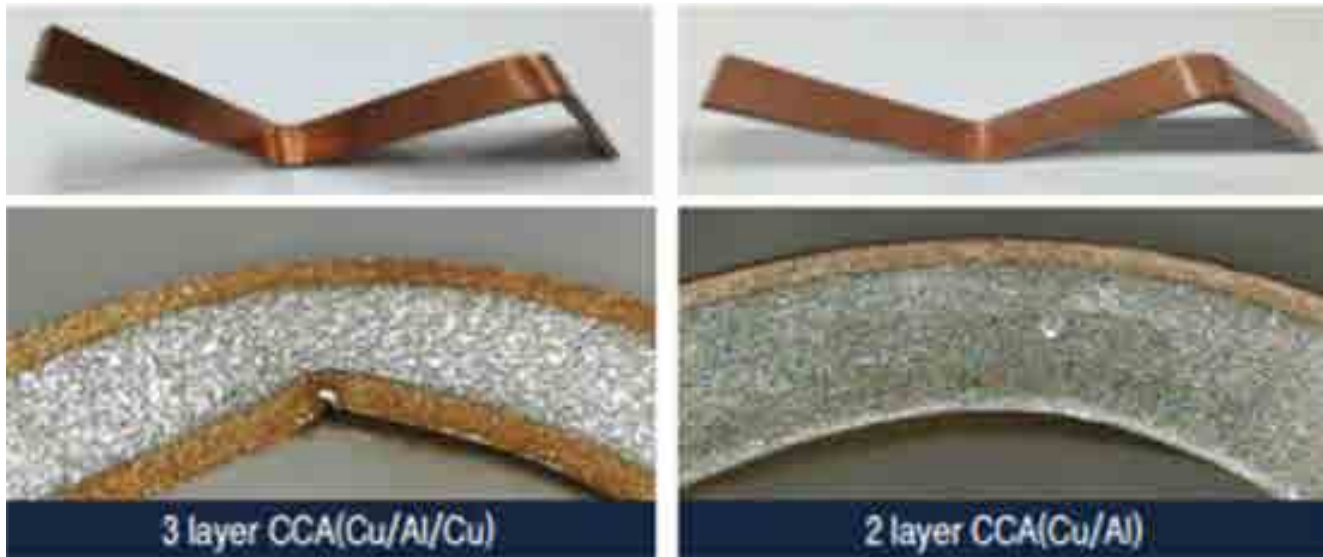
PRESIDENT	JungA. JIN
CONTACT	Han Kim
POSITION	Sales Team Manager
WEBSITE	www.asanfw.com
TEL	+82-54-800-5500
FAX	+82-54-974-3324
E-MAIL	khkim@asanfw.com
ADDRESS	51 Gongdan-ro 1-gil, Waegwan-eup, Chilgok-gun, Gyeongbuk, Korea

Products Energy Solutions

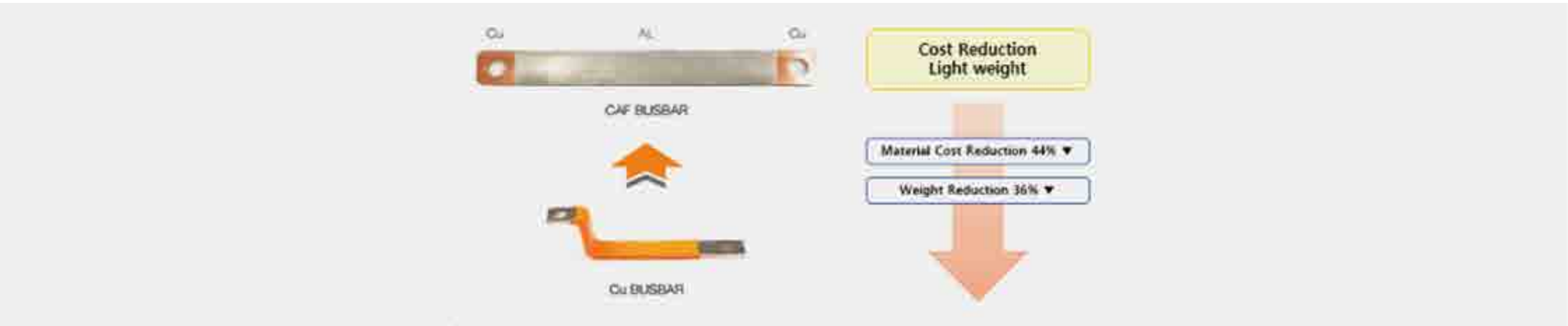
KOREA



Rivet terminal



CCA Busbar



CAF Busbar

Strengths

Cost reduction, Light weight

At a Glance

Business Type	Manufacture	Established Year	1989	Employee Number	114	Certifications	IATF16949, ISO 14001
R&D Employee	18	Annual Sales	US(\$) 10,491,344	Export Amount	US(\$) 7,720,810		Related technology patents

Major Customers

- Korea : SAMSUNG SDI, LGES
- Oversales : SHINHUNG SEC(XIAN, HUNGARY)

Hannover Messe2021

JOONGWON Co., Ltd.

COMPANY OVERVIEW

We, JOONGWON Co., Ltd. have been supplying the relevant devices in electrical distribution system. We have built our reputation throughout the world as well as domestic market in providing with KEPCO and domestic customers. JOONGWON'S vision is to become a leader in medium voltage switchgear and distribution automation industry through customer satisfaction management, quality control and technological innovation.

PRESIDENT	Kim young moon
CONTACT	J.J. Park
POSITION	Executive Manager
WEBSITE	www.joongwon.co.kr
TEL	+82-31-481-0327
FAX	+82-31-495-2620
E-MAIL	jjpark@joongwon.co.kr
ADDRESS	23, Sandan-ro 163beon-gil, Danwon-Gu, Ansan-Si, Gyeonggi-do, 15429, Republic of Korea



Solid Recloser



SF6 Gas Sectionalizer



Solid Load Break Switch



SF6 Gas Load Break Switch

Strengths

- Proven design rated for 10,000 full load operations.
- Hydrophobic Cycloaliphatic Epoxy (HCEP) insulation provides industry leading reliability.
- Air insulation for an environmentally friendly design.
- Minimal maintenance required for the high voltage unit.
- Web Human Machine Interface (web HMI) software for field configuration.
- Remote Communication: MODBUS, DNP3.0, DNP3.0over TCP/IP, IEC 60870-5-101, IEC 60870-5-104 (option).

At a Glance

R&D Employee	10	Established Year	1962	Employee Number	174	Certifications	ISO 9001 & ISO 14001
Business Type	Manufacturing (Electric Equipment)						

Major Customers

- **Korea** : Korea Electric Power Corporation (KEPCO)
- **Oversales** : Indonesia, Malaysia, Vietnam, Greece, Saudi Arabia, United Arab Emirates

Hannover Messe2021

ENTEC ELECTRIC & ELECTRONIC CO.,LTD.

COMPANY OVERVIEW

ENTEC's vision is to become a leading company in the medium voltage switchgear and distribution automation through active research and investment. We have been steadily supplying our products to Korea Electricity Corporation(KEPCO) and are recognized for its quality and technology. We have been exporting to more than 50 countries and are continuing to expand our global business.

PRESIDENT IN-SUK KO
CONTACT Aaron Park
POSITION Manager
WEBSITE www.entecene.co.kr/eng
TEL +82-31-299-8342
FAX +82-31-299-8402
E-MAIL cspark@entecene.co.kr
ADDRESS CHOERUBAEK-RO, BONGDAM-EUP, HWASEONG-CITY, GYEONGGI-DO, KOREA 18329



Solid Recloser



Gas Load Break Switch



Solid Ring Main Unit (SRMU)



Gas Insulated Switchgear (GIS)



Solid Insulated Switchgear (SIS)



DC Air Circuit Breaker (DC ACB)

At a Glance

Business Type	Manufacturing	Established Year	1996	Employee Number	336	R&D Employee	136
Annual Sales	110 Million US\$	Export Amount	25 Million US\$ (2020)				
Certifications	ISO9001, ISO14001, Korean World-Class Product, One-KEPCO Export Business Group, ETC						

Major Customers

- **Korea** : Korea Electricity Power Corporation (KEPCO), SEOUL METRO
- **Oversales** : Asia, Oceania, Europe, Middle East, Africa, South America, ETC.