



K-ROBOT

DIRECTORY BOOK

Industrial Robots

APULSETECH	004
BETOKOREA	005
BRILS	006
COTS TECHNOLOGY	007
DRIVE TECH	008
ELT	009
FUN R FUN	010
GSE	011
GUNN SOLUTION	012
HANBAEK PRECISION SYSTEM	013
HEXAR HUMANCARE	014
IB TECH	015
J-WON ROBOTICS	016
MAGENTA ROBOTICS	017
MINTROBOT	018
MOBILIO	019
NAU ROBOTICS	020
NES & TEC	021
NEUROMEKA	022
RAINBOW ROBOTICS	023
ROBOSTAR	024
ROBOTRO	025
ROBOTS AND DESIGN	026
ROBOT WORKS	027
ROTAL	028
SE TECH	029
SEYI	030
SLM	031
TEIXON	032
THIRA ROBOTICS	033
TSI KOREA	034
WONIK ROBOTICS	035
YUIL ROBOTICS	036
ZEUS	037

Service Robots

AETECH	039
AI CONTROL	040

COBOTSYS	041
COSMO ROBOTICS	042
CUBROID	043
CUREXO	044
DOGU	045
DOT HEAL	046
DUSI TECH	047
EVERYBOT	048
EXA ROBOTICS	049
FUTURE ROBOT	050
GOYOUNG ROBOTICS	051
HANCOM ROBOTICS	052
HILLS ROBOTICS	053
H-ROBOTICS	054
HYODOL	055
KN ROBOTICS	056
KOREA OFFSHORE COMPANY	057
K-ROBOT	058
LIFE & SCIENCE	059
LIGHT BEYOND DRONES	060
LUXROBO	061
MAN & TEL	062
MARO ROBOT TECH	063
MAUM AI	064
MEERE COMPANY	065
MODERNTEC	066
NARMA	067
NDS	068
NEOPIA	069
NEUBILITY	070
RESET COMPANY	071
RGT	072
ROBO 3	073
ROBO ARETE	074
ROBO CARE	075
ROBO LINK	076
ROBO RISEN	077
ROBO ROBO	078
SAMMI PRECISION	079
SEO	080
SSAMBOT	081
SUNNYS	082

SYSCON	083
TIMBO ROBOT	084
TOROOC	085
T-ROBOTICS	086
TWINNY	087
UVER	088
VD COMPANY	089
VISION SEMICON	090
WONDERFUL PLATFORM	091
ZETA CREZEN	092

Robotics Parts

AIDIN ROBOTICS	094
AIM	095
ARGOS VISION	096
AUTOCON SYSTEM	097
BAUMNEWTEC	098
BOARDTECH & DAVID	099
BON SYSTEMS	100
COMIZOA	101
CYG BOT	102
DA CELL	103
DAIN CUBE	104
DR DRIVE	105
DYNAMIC CARE	106
ECO-MOTOR	107
ERAETECH	108
FASTECH	109
GAUSS LAB	110
GGM	111
GLOBAL JTS	112
HIGEN RNM	113
HSG	114
JRT	115
KLT	116
KOBO SYSTEM	117
KOMOTEK	118
KYENG	119
MATINPROUT	120
MODOO SOLUTION	121

MOTOR LPT	122
MY ROBOT SOLUTION	123
POLARIS 3D	124
QRS	125
ROBO BIZ CORE	126
ROBO CUBE TECH	127
RS AUTOMATION	128
SBB TECH	129
SEEN GRIP	130
SEIN FLEX	131
SENES TECHNOLOGY	132
SEWOO MOTOR	133
SOS LAB	134
SPG	135
SURESOFTECHNOLOGIES	136
TESTONIC	137
THOMAS CABLE	138
UND	139
V WAY	140
WINNER	141
WITHROBOT	142
WON ST	143
YUJIN ROBOT	144

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Industrial Robots



APULSE TECH



Company

CEO : NAM JOONG KIM

Address : A-1403, 60, Haan-ro, Gwangmyeong-si, Gyeonggi-do

Homepage : www.apulsetech.com

The main product of Apulse Technology Co., Ltd is the RFID Handheld Reader. We strove to make a product with a concept based on RFID handheld leader design&function. Traditional RFID handheld readers tended to be bulky and heavy. Thus, we particularly focused on designing a product that satisfies both aesthetics and functionality with its easy, single hand grip. The use of RFID technology has been limited to industrial sites, but its range has recently been expanded to retail markets as well as general stores and government offices as well. As a result, we upgraded the products with a better design and tag recognition capability.



Product



a811 PDA RFID Reader

Industrial Robots

Brand : Apulse Technology Co., Ltd

Model : a811

a811 is an all-in-one UHF RFID reader based on Android operating system. With the NFC, 2D barcode and Camera functions, all the existing data acquisition services are available. Built-in WIFI, Bluetooth, GPS, and 3G network technologies enable both collection and process of of RFID barcode data through PCs, mobile phones, and servers.

The A811 has the advantage of being able to read 160 tags per second on average, Depending on the environment and tag performance, it can be as far as 12M when reading a typical 8x3cm size tag. In case of high-performance tags, it can be as far as 32M.

BETOBOT

BETO KOREA



Company

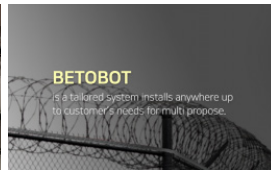
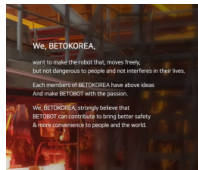
CEO : Lee, Chang-Ha

Address : #605, Daehak-ro 56, Yeongtong-gu, Suwon-si, Gyeonggi-do

Homepage : www.betokorea.com

Key Businesses: Industrial robots, automation equipment, artificial intelligence software

Comapny Outline: We wanted a build an ideal robot, One that is useful and human-friendly with its full mobility One that is within our reach for assistance around the clock Reasonably-priced, durable, and readily available. It is these ideas that inspired us to establish BETOKOREA and to develop BETOBOT. We strongly believe that BETOBOT will make great contribution to the mankind by making human life easire and safer.



Product



BETOBOT Industrial Robots

Brand : BETOBOT

Model : BTCRA100

BETOBOT is a monitoring system using a radiation antenna(cable type)-based communication method, minimizing restrictions such as distance/wireless distortion.

Thorough surveillance is available by adding more options that fit your location.

Option: SPT sensor, noise detection sensor, environmental sensor,and fire extinguisher module



BRILS



Company

CEO : jin.jeon

Address : 94, Gaetbeol-ro, Yeonsu-gu, Incheon

Homepage : www.brils.co.kr

Brils brings innovation to the robotics ecosystem with SIORT (System Integrator Internet of Robotic Things). We ensure anyone needing a robotic system can access optimal solutions with a comprehensive platform covering everything from design to customer support. As a leading system engineering firm, BRILS Corporation prides itself on pioneering automation system designs and integrated solutions. We offer flawless systems through vigilant safety consulting and provide a one-stop solution that includes 3D mechanical design, control and system design, manufacturing, and software development. Our goal is to deliver perfect, tailored solutions to ensure our clients' success.



Product



Palletizing Robot System Industrial Robots

Brand : Brils

Model : Palletizing Robot System

Palletizing robotic system solutions can handle a wide variety of products by allowing operators to freely configure loads by manually entering desired box sizes and stacking patterns. Additionally, 3D vision cameras can be used to inspect the condition of the products, align them, or allow the robot to recognize their exact coordinates. In addition, with a main function of vision, human error can be minimized by eliminating rejects that are difficult to identify with the naked eye or are caused by mistakes.



COTS TECHNOLOGY



Company

CEO : JOE JEE WON

Address : C-702 Bundang Techno-park, 744, Pangyo-ro, Gyeonggi-do, 13510

Homepage : www.cotstech.com

Since the establishment in May 1999, COTS Technology Co., LTD. has specialized in research, development, manufacturing and delivery of embedded systems optimized for each industry for more than 20 years. Based on our professional technical skills, we have been supplying SBC(Single Board Computer), Display, and I/O, which were mainly introduced to numerous companies, public/educational institutions including LIG Nexone, Hanwha System, Hyundai Rotem, LS Electric, Hyosung. Additionally, our recent development of cooperative robots CT5&CT12 are recognized for our high technical skills both domestically and internationally.



Product



PowerPC

Industrial Robots

Brand : COTS Technology

Model : VME-C5

The VME-C5 is a single board computer developed using a T2080 processor produced in NXP. The T2080 processors is based on the 64-bit e6500 core, built on Power Architecture technology. The VME-C5 has a high-end, low-power computing performance. And, it supports a variety of I/O and communication capabilities. The VME-C5 is ideal for harsh environment applications requiring highly reliable operating condition.



DRIVE TECH



Company

CEO : CHOI Yun Yong

Address : Room 911, 80, Jomaru-ro 385beon-gil, Bucheon-si, Gyeonggi-do

Homepage : Website1 : drivetech.kr / Website2 : faev-r.com

DRIVE TECH, with the vision of The Leader of e-Mobility, gathers e-drive system experts to provide optimization, standardization, and advancement technologies for autonomous driving mobility in the transportation field, and expands the indoor driving of existing logistics robots to the outdoors. It is a company that provides an indoor/outdoor unmanned driving electric vehicle platform that realizes collaborative transportation with people and a system service that controls and monitors various driving information in conjunction with it.



Product



FAEV[Unmanned Transportation Robot]

Industrial Robots

Brand : DRIVETECH Co.,Ltd

Model : FAEV-100-U

Model name:FAEV-100-U [Unmanned Transport Robot]

Battery : 48V lead/lithium ion [200V charge]

Cargo Loading area: 1.5x3m [Capacity 500kg or more]

Robot Speed: 1.2m/s [Maximum Speed Up possible]

Hours of use : 8 hours [3~4 hours of charging]



ELT



Company

CEO : AN SANG JIN

Address : #803, 401-dong, 655, Pyeongcheon-ro, Bucheon-si, Gyeonggi-do

Homepage : www.eltrs.com

ELT was founded by robot engineers with profound expertise in robots. We developed and manufactured various industrial robots that are easy to use and affordable and supplied them to many industrial sites where robots were needed. Since the establishment in 2017, we successfully produced industrial robot controllers, robot equipment, orthogonal, scara, and desktop. In addition, we developed a new robot controller (16 axis control, 4 robot simultaneous control, PLC Ladder implementation). We manage 8 domestic dealerships, 5 overseas U.S./China/European dealerships, which are all recognized for high performance and reliability. Such high-reliability has been verified by CE CoC certification (TUV)/Robot autonomous safety certification.



Product



SCARA Industrial Robots

Brand : ELT
Model : SCARA

1. High Speed, Precision, and stiffness by application of extrusion body
2. Installation space is minimized due to minimized machine structure
3. Multifunctional small scara robot that is optimal for electronic parts, small precision parts and assembly work
4. Low price compared to existing SCARA models



FUN R FUN



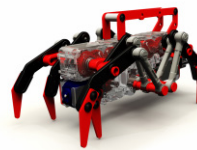
Company

CEO : LEE, SEUNG CHUL

Address : #B230, 29, Simindaero 109beon-gil, Dongan-gu, Anyang-si, Gyeonggi-do

Homepage : www.funrfun.com

FUNRFUN stands for "Fun Robotics for Fun," representing a venture company with a mission to make robotics and various educational science materials more enjoyable. We plan and manufacture various educational products related to robotics and other scientific subjects. Through the fun of building and the fascinating movements after creation, we provide a wide range of products and educational content to make it easier for individuals to understand the principles of science and technology.



Product



ROBOT ARM

Industrial Robots

Brand : FUNRFUN

Model : ROBOT ARM

The 4-Channel Remote Control Robot Arm kit requires assembly and converts rotational motion to linear motion. It uses a link and crank to move its legs in an elliptical motion, allowing it to walk. With 4 of its 8 legs always in contact with the ground, it ensures stable movement on uneven terrain. The robot can move in all directions and pick up objects using 4 motors. By adjusting the crank's angle and position, various walking forms can be created. It operates with precision using a wired remote control. Requires 2 AA batteries (not included).



GSE



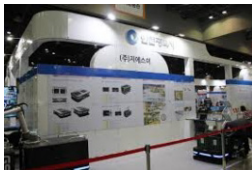
Company

CEO : PARK. YOUNG-DAI

Address : 51-23, Yeomjeon-ro 201 beon-gil, Michuhol-gu, Incheon

Homepage : www.e-agv.com

G.S.E was founded in 1998 and has been striving to realize human-friendly technology through creative thinking and innovative technological breakthrough. It has succeeded as a leading company in automatic warehouses and unmanned delivery systems. As a company specializing in logistics/transportation automation systems such as automatic warehouses, AGV(unmanned vehicles), EMS(monorail delivery system), we established a 'logistics/transportation system research institute' in 2009. Since, we have obtained over 30 new technology patents, fostered technological development, and operated design/manufacturing process first-hand. Our quality performance has been internationally certified by ISO 9001 and we are striving to provide a more reliable system for the customers.



Product



RGV System Industrial Robots

Brand : GSE

Model : RGV

RGV system is an unmanned transportation system moving along the rails installed on the floor. Both straight/curved rails are installed allowing you to move in linear as well as circular motion. Depending on space availability and the number of transports, it can perform forward/backward/rotary driving. Its primary use are for driving and precision control, especially for transporting high-weight goods.



GUNN SOLUTION



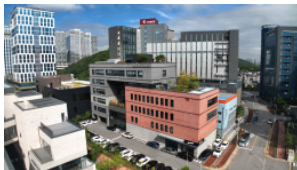
Company

CEO : KIM SAMSUNG

Address : Anyang-si, Gyeonggi-do, Korea

Homepage : www.gunsol.com

Gunn Solution Co.,LTD., is a company with expertise in the convergence of OT and IT technologies. We are a leading company that collaborates with various businesses to lead the establishment of smart factories. Gunn Solution's smart factory system, known under the brand name Facon, consists of Gx-MES (Manufacturing Execution System), G-CAP (Processing machine monitoring), OMV+ (On Machine Verification), Machine Tending, G-DFM (Design For Manufacturing), and Renishaw Probe solutions. It digitalizes and stores all information generated throughout the entire process, from design to manufacturing and shipment, making it available for real-time utilization.



Product



G-MTS (Machine Tending)

Industrial Robots

Brand : Gunn Solution Co.,LTD.

Model : G-MTS (Machine Tending)

1. Machine tending is an automated process in which materials and workpieces are loaded into machines such as machining for metal cutting and electrode machines.
2. The partially processed and finished products are retrieved and moved to the next process.
3. Robots used for machine tending ensure the safety of workers and can be configured using collaborative robots and conventional industrial robots.



HANBAEK PRECISION SYSTEM



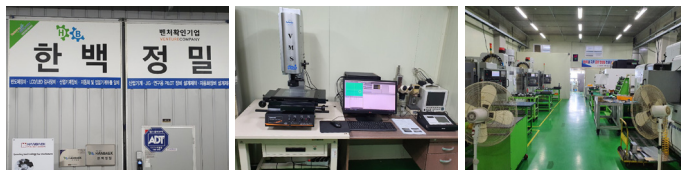
Company

CEO : Hong, Seung-Hwan

Address : 398, Sinwon-ro, Danwon-gu, Ansan-si, Gyeonggi-do

Homepage : www.ehanbaek.com

Based on its experience in precision machining, Hanbaek Precision System is working hard on research and development related to equipment manufacturing with best-in-class technology by developing and producing factory automation mechanical facilities.



Product



2in automatic

Industrial Robots

Brand : HANBAEK PRECISION SYSTEM

Model : 2in automatic

The 2in automatic meter is an integral part of the meter and the three-sided packaging device, and is a convenient machine for measuring and packaging at once through easy program operation. It is easily decomposed without tools and can be cleaned with water for hygienic management.



HEXAR HUMAN CARE



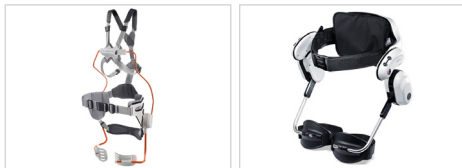
Company

CEO : Changsoo Han

Address : Room 301-303, 55, Hanyangdaehak-ro, Gyeonggi-do

Homepage : www.hexarhc.com

HexaHumanCare is the first in Korea to conduct a research on a wearable robot based on robot technology, and a robot that enhances movement and activity by reinforcing human muscle strength and strength using accumulated robot technology. It is a robot specialized company that develops and produces products. HexaHumanCare enables humans to maintain a better life by incorporating robot technology, one of the core technologies of the 4th industrial revolution, into medical care and rehabilitation.



Product



U30A

Industrial Robots

Brand : Hexar Humancare

Model : U30A

The RESILION U30A is an integrated rehabilitation device for shoulder recovery, offering isokinetic, isotonic, isometric, and CPM training. It includes ROM measurement, isokinetic motion tests, and can expand to cognitive neuro-rehabilitation with games. It features easy left/right switching, and manages user registration and exercise data history.



IB TECH



Company

CEO : KIM, JIN WOO

Address : 272, Sunhwagung-ro, Namyangju-si

Homepage : www.robotibtech.com

IB TECH, founded in 2021, has grown into a leading robot specialist venture. Initially selling serving and guide robots, the company now plans and produces robot-related content, focusing on human-robot interaction for daily life integration. A key product is "Temi," an autonomous AI smart robot for education, used in over 100 schools. Temi provides a friendly robot experience, helping children experience the future. IB TECH aims to produce everyday robot products and diverse AI content, becoming a leading name in the field.



Product



TEMI (Autonomous AI Smart Robot)

Industrial Robots

Brand : IB TECH

Model : TEMI

TEMI features a 13.3" touchscreen, 360-degree LIDAR, multiple cameras and sensors, and 20W audio. Its software includes mapping, location guidance, Alexa/Hey Temi integration, and video calls. TEMI supports educational functions like Zoom classes, AI conversations, English education, and coding. Additional features include guidance, promotional videos, mask detection, remote management, and interactive games.



J-WON ROBOTICS



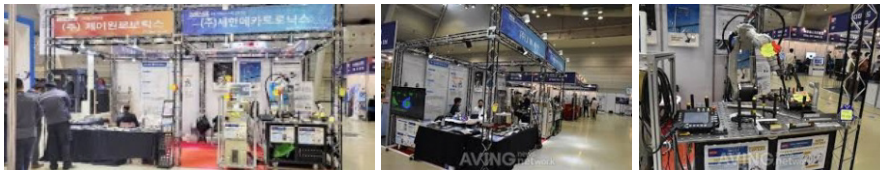
Company

CEO : Dong-Won, Kang

Address : 58-16, Samnyong 4-gil, Dongnam-gu, Cheonan-si, Chungcheongnam-do

Homepage : www.jwon-robo.com

J-WON ROBOTICS CO., LTD.. specializes in welding robot-based automation system, smart factory consulting, and construction. We provide a unique system composed of planning, design, production, distribution, and technologies suitable for the 4th industrial era.



Product



Welding Robot

Industrial Robots

Brand : J-WON ROBOTICS

Model : TM-1600WGH

As a robot specializing in welding, it prides the industry's fastest working speed and an operating range of more than 1437mm. It is a separate-type that suppresses wire bending and has built-in cables creating a clean appearance. In addition, easy maintenance and space savings are possible by hiring rotating shelves while setup time is largely reduced by connecting the two-stage cable.



Company

CEO : Kwon, ki Hyun

Address : #13-705, 218, Gajeong-ro, Yuseong-gu, Daejeon, 34129

Homepage : www.ff00ff.kr

The company creates human value through robot technology.

We are an IT specialized company leading new technology facing industrial changes with innovation and future values. With the pride of leading domestic robot industries and creating customer values, we are going to be a hidden-champion in the fields of robot control and image recognition.

Main product : MAVIX(High quality video processing platform), MAVIZ(Robot integrated control software platform),

AI-PRO(Painting robot system using ai technology)



Product



GT3 PAINTER

Industrial Robots

Brand : Magenta Robotics

Model : GT3 PAINTER

1. High-quality painting work is achievable through the pattern learning of experienced professionals.
2. Map building, autonomous/semi-autonomous driving, in-house motion teaching, simulation solutions, real-time remote control.
3. Painting scene analysis and correction technology.



MINT ROBOT



Company

CEO : Justin H. Kang

Address : 206, 210, Techno 2-ro, Yuseong-gu, Daejeon

Homepage : www.mintrobot.com

MINTROBOT is a domestic robot manufacturing company with high level in-house technology. We promote total automation solution business for various automation needs, a cost-effective approach for the industrial robot business and core components such as decelerators and motion controllers.



Product



Industrial Articulated Robot

Industrial Robots

Brand : MINTROBOT

Model : Pal A6

The Pal A6 was designed using an efficient lean process method to maximize the robot's speed, range and radius while achieving high precision.

The product can respond quickly and flexibly to problems that may arise when a degree of freedom is added or when the target point is changed due to inevitable changes in the work environment.



MOBILIO



Company

CEO : Lee Jin Sik

Address : Room 804, Tower A, 46, Dalanae-ro, Sujeong-gu, Seongnam-si, Gyeonggi-do

Homepage : www.mobilio.io

Mobilio wants to realize the value of a company that protects people with technology. Mobilio provides robot services based on autonomous driving and sensing technologies. The main items are delivery robots, logistics and transportation robots, and four-legged walking robots. We also provide heavy equipment safety management systems and artificial intelligence 'based' IoT sensor data analysis systems. It is possible to develop robots and provide user solutions, and we want to contribute to improving customer productivity. Based on innovative autonomous driving technology, data technology, and a global network, we will become a company that puts human safety first.



Product



Lite3

Industrial Robots

Brand : Mobilio

Model : Lite3

Lite 3 is a new generation of dexterous intelligent robot dogs, targeting the innovative needs of technology enthusiasts, college students, and R&D staff, it has greatly improved dexterous sports ability and intelligent interactive experience. Lite3 is an intelligent quadruped robot. Based on advanced control algorithms, it has multiple motion modes such as walking, sliding, jumping, running, and back somersault. It has freely superimposed intelligent modules, capable of autonomous positioning and navigation, real-time obstacle avoidance, and visual recognition.



NAU ROBOTICS



Company

CEO : Lee Jong Ju

Address : 42, Angogae-ro 449beon-gil, Namdong-gu, Incheon

Homepage : www.naurobot.com

NAU Robotics is a company specializing in building industrial robots and smart factories, introducing and supporting various robot automation systems in manufacturing sites including plastic injection. Since its establishment in 2016, it has been providing process automation solutions in various fields through partnerships with global robot companies at home and abroad, such as Hanwha Collaborative Robot, Komau, and Kuka, for over 5 years. It has been releasing its own robots in earnest from 2022, and has launched its plastic injection smart orthogonal take-out robot NURO, scara robot NUCA, and articulated robot NURO X, etc. I plan to build it.



Product



6-axis Multi-joint robot, NURO X

Industrial Robots

Brand : Nau Robotics

Model : NURO X

NURO X reinterprets traditionally challenging multi-joint robots, making them accessible and user-friendly through an intuitive icon-based interface. It swiftly adapts to the intricate trends in injection molding without requiring experts or engineers. With a straightforward operating system, compact design, high precision, and rapid speed, NURO X ensures reliable and flexible production floor responses. It performs simple insert and extraction tasks, as well as various post-processing functions like cutting, packaging, stacking, and transporting, facilitating comprehensive secondary automation.



NES & TEC



Company

CEO : LEE KI SEONG

Address : Techno 11-ro 32, Yuseong-gu, Daejeon

Homepage : www.nesnt.com

Based on technological expertise accumulated over 20 years, NES&TEC Co.,Ltd. specializes in developing unmanned aerial navigation, control system, and visual stabilization system, with a number of products designated as the first excellent procurement product in Korea. Along with lightweight technologies, we lead the drone market through reliability of onboard equipment and continue to supply various drone systems to the public, government, and military. The final goal is to successfully supply a system that meets the needs of our customers as all of our employees are committed to growing into a global company.



Product



SWID

Industrial Robots

Brand : Nes&tec

Model : SWID

Size : D720 X H320 mm

Payload : 0.5kg

MTOW : 5.5kg

Flight Speed : 36Km/h (Auto mode)

Flight Distance : 3Km (option 5Km)

Flight Time : 30min

Special Feature : Equipped with encryption module



NEURO MEKA



Company

CEO : Park, Jong-Hoon

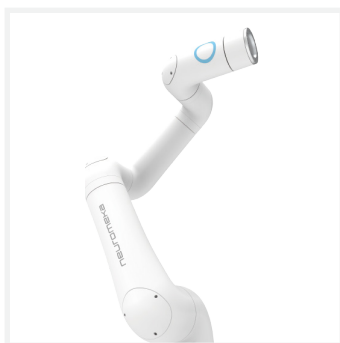
Address : 78, Ahasan-ro, Seongdong-gu, Seoul

Homepage : www.neuromeka.com

Neuromeka supports automation for small and medium-sized manufacturers using easy-to-use and economic cobots (collaborative robots). Neuromeka's cobots can cowork with people safely and be programmed easily to apply a variety of applications. Neuromeka is constructing ecosystem for RaaS (robot-as-a-service) platform business based on cobots which helps small and medium-sized companies to deploy and operate robot automation without in-house robot experts. We are to contribute our robot technology to improve every client's productivity.



Product



collaborative robot 'Indy' Industrial Robots

Brand : NEUROMEKA

Model : Indy 7/12

"Indy" is Neuromeka's flagship cobot model we designed and manufactured. Guaranteeing workers' safety based on innovative collision detection algorithms, Indy supports more intuitive direct teaching by impedance control as well as online and offline programming with the teach pendant app running on android tablets.

Neuromeka offers models with different payload capacities, including Indy 7/12kg models and Indy-RP2, a 7 degree-of-freedom research collaborative robot. Various standard tools such as grippers and vision sensors can be utilized through the expansion port attached to the wrist.



RAINBOW ROBOTICS



Company

CEO : Jungho Lee

Address : 10-19, Expo-ro 339beon-gil, Yuseong-gu, Daejeon

Homepage : www.rainbow-robotics.com

Rainbow Robotics is a robot platform company founded by a group of experienced researchers from KAIST Humanoid Robot Research Center (HUBO Lab). From the world's best disaster response robots to collaborative robots (cobots), Rainbow Robot is striving to commercialize robots by securing its own technology through constant R&D and providing excellent robots at reasonable prices. Based on the core robot technology accumulated over the past 20 years, we research and develop various robots such as cobot, astronomical mounts, quadrupedal robots and humanoid robots, and expanding our business area.



Product



RBQ Series Industrial Robots

Brand : Rainbow Robotics

Model : RBQ-3, RBQ-5

RBQ series is quadruped robots optimized for monitoring, reconnaissance, and search missions. Autonomous walking technology that can walk complex terrain and robot system technology that can be operated during target operation time are applied. It uses an electric motor method and features high motion and high efficiency. It is easy to operate with a remote control and can walk for up to 1 hour and 30 minutes continuously. Equipped with an external impact-resistant walking control algorithm, dynamic motion such as backflip is possible.

ROBOSTAR

ROBO STAR



Company

CEO : BYUNGSEO LEE

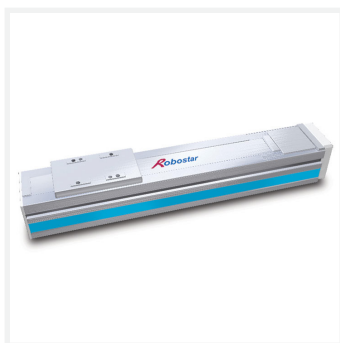
Address : 37, Saneop-ro 155beon-gil, Gwonseon-gu, Suwon-si, Gyeonggi-do

Homepage : www.robostar.com

Robostar is a leading robot company in Korea, specializing in the production of industrial robots and the development of factory automation systems for various industries. We are widely recognized as the largest supplier of Linear Motion robots and one of the top manufacturers of Transfer Robots in Korea. With our expertise in integrating robots, systems, and controls, we have the capability for in-house production. With a diverse range of products, outstanding technical expertise, and reliable production capabilities, Robostar is dedicated to strengthening its position in the industrial robot market and meeting the diverse needs of our customers.



Product



Cartesian Robot Industrial Robots

Brand : ROBOSTAR

Model : RS-045N-Z10SS

Optimal design based on structural analysis: implementation of compactness & high stiffness
 High speed up to 2000mm/s, A variety of stroke ranging from 100mm to 6000mm
 High positioning repeatability precision with ± 0.02 mm, Load capacity of 5kgf-200kgf
 AC Servo Motor for robot: convenient maintenance and high reliability
 Controller for robot: optimization for each use, Various drive models
 (Ball screw, Timing Belt, Rack & Pinion, etc.)
 Usable for transferring, palletizing, screwing, and testing



ROBOTRO



Company

CEO : Kyu-won Lee

Address : #902, 401-dong, 655, Pyeongcheon-ro, Wonmi-gu, Bucheon-si

Homepage : www.robotro.com

Since the establishment of the company, ROBOTRO has always been striving to become the best company in Korea by supplying humanoid robots as well as innovative development and supply of products for the control of the ROBOT environment. Now, it has become a big stepping stone for the emergence of Delta Robot by grafting technologies accumulated through humanoid robot experience. Robotro excels in the high-quality competition and cost competition that only us can provide for things that others neglect, and is a human-like robot. We will lead the future with continuous guidance as we keep realization as the biggest goal of the company, keep up with advanced technology and know-how, and always want to be with you for the firm settlement of the high-tech robot industry.



HUMANOID ROBOT
국내 유일 휴마노이드 로봇 모션 제어 기술



DELTA ROBOT
산업용 로봇 분야의 필수적인 소형로봇



Product



JRD-S7-400
Industrial Robots

Brand : Robotro

Model : JRD-S7-400

Degree of freedom / Working radius : 3-axis (X,Y,Z) + 1-axis (R) / ?400,Z direction up to 180mm
 Repeatability / Speed : 0.07 mm 0.05 mm / 600 mm/sec 300 mm/sec
 Power /Current : DC24V / Max 10 A
 Interface : ETHERNET,RS-232,USB communication,IN/OUT,providing 16 points each external IO
 Main controller : 32bit DSP MCU/Real-time Forward/Inverse Kinematics operation
 Motor : 100W BLDC (X,Y,Z),50W BLDC (R)



Robots and Design

ROBOTS AND DESIGN



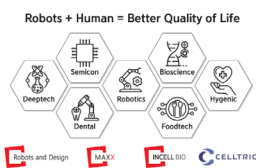
Company

CEO : Jin Oh Kim, Jin Seog Han

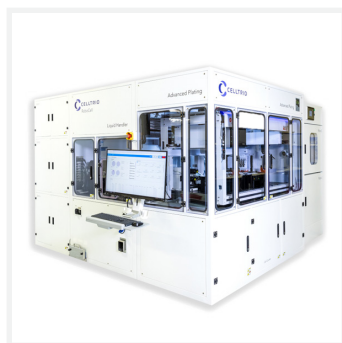
Address : 364, Gyeongancheon-ro, Cheoin-gu, Yongin-si, Gyeonggi-do, 17038

Homepage : www.RND.re.kr

Since our establishment in 1999, we have been providing optimized robots that meet customer needs and specifications. We have become a leader in the of robots for semiconductors. Based on technology and experience accumulated over 30 years We have developed more than 400 types of robots. We have been devoted to research and development for a better human life, and based on robot technologies, we are expanding our business to dental and bio-medical area. We focus on Robot Development as a Service, prioritizing the value of customer satisfaction, to become global leader in the robotics field.



Product



RoboCell Industrial Robots

Brand : Robots and Design

Model : RoboCell

RoboCell® is a Cell Line Automation Platform for biomedical research and production.

Modular & Scalable : Standardized automation modules for advanced cell culture and biobanking, which allows expansion for future needs.

Data Management : Celltrio BioFlow® software provides detailed traceability, real-time data logging, and 21 CFR Part 11 compliance.

Safe & Clean : Celltrio Task Modules prevent contamination with sealed enclosures, automatic cleaning, and easy disassembly for sterilization.



ROBOT WORKS



Company

CEO : RYU, JEONG HUI

Address : A-2003, 58-1, Giheung-ro, Giheung-gu, Yongin-si

Homepage : www.robotworks.co.kr

ROBOTWORKS aims to improve quality of life and customer value through robot system development. Core values include creating human-centered solutions, meeting customer needs, and ensuring universal accessibility. We specialize in factory automation, motor control, sensors, AI-based learning, and more.



Product



T-BOT tiny Industrial Robots

Brand : ROBOTWORKS

Model : T-BOT tiny 2

1. Transportation robot : Following workers and autonomous driving, multi-sensor convergence technologies, AI/LiDAR/GPS
2. Suitable for indoor and paved road
3. Equipped with a suspension: Driven on various grounds, Unpaved roads : construction sites/shipyards/gun facilities/golf courses/camping sites/FA/large marts
4. Multi-purpose mobile platform : TFS sensor : operating manually in areas where autonomous driving, Attaching various utility : harvesting crops/weeding.



Company

CEO : Park, Jong-Hyun

Address : 27-21, Dulleom-gil, Yangsan-si, Gyeongsangnam-do

Homepage : www.rotal.kr

As a total solution provider, Rotal specializes in smart factory supply and performs inspection, measurement, assembly, packaging, etc. using robots, lenses, vision, and lasers. We design and manufacture S/W & H/W and develop and supply AGV and AMR to achieve the highest level of automation.



Product



AMR Industrial Robots

Brand : ROTAL

Model : REMMAN

1. Function : Intermediate material transfer between processes, collaboration with in-process personnel, substitution of in-process personnel
2. Features and advantages : Iterative precision of 10mm, shortest path search and obstacle avoidance high-precision autonomous driving, multi-manipulator mountable, high load and reliability verification of industrial platform



SE TECH



Company

CEO : OK, SUN-YE

Address : (41069) 93, Dongnae-ro, Dong-gu, Daegu, Setech Co., Ltd.

Homepage : www.setech.co.kr

SETech Co., Ltd. is a comprehensive instrument manufacturer that manufactures and sells strain gage type torque transducer, load cell, nut-runner, indicator, displacement transducer, digital indicator, amplifier. Our products are continuously supplied to industrial production facilities with excellent quality, high precision and competitive price. We are helping to enhance the competitiveness of production facilities by developing new technologies and localizing them. In particular, the rotary torque transducer and nut runner have been developed for the first time in Korea and have been widely adopted in the production facilities of automobile and parts related manufacturers.



Product



NUTRUNNER(KN07-RS)

Industrial Robots

Brand : SETech Co., Ltd.

Model : KN07-RS

6-axis payload 7kg robot with STRN -RS attached to it. Nutrunner robot
NUTRUNNER can be controlled by robot program
Air cylinder, Y-pipe, and photo sensor make it easy to install
The user doesn't need to design it for the fastening process



SEYI



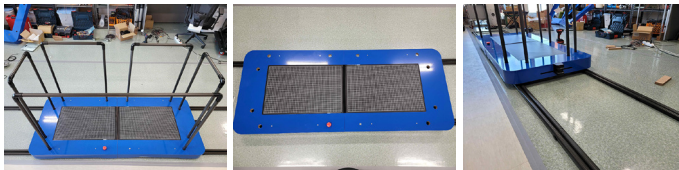
Company

CEO : Lee Yong Gook

Address : 1521-A, Paragon Square M-dong, 249, Sunhwagung-ro, Gyeonggi-do

Homepage : facebook.com/seyiinc

Seyi Co., Ltd. is an IT-based healthcare company that specializes in brain development artificial intelligence-based VR, AR software development and supply, and sports management. By converging robot and AI technology, data is automatically analyzed with artificial intelligence, exercise prescription is given, and the service that can intensively train the part that needs training with the measuring robot is unique, so it is highly competitive in the market.



Product



AI Healthcare Tabot

Industrial Robots

Brand : SEYI

Model : AI Healthcare Tabot

Artificial intelligence healthcare robot Korea"s first healthcare artificial intelligence active robot. It combines robots, AI robots, and AI technologies to analyze data automatically with artificial intelligence.

It gives you a preion for exercise, and the area you need to train with the measurement robot. Highly competitive in the market because services that can be trained intensively are unique.



SLM



Company

CEO : Park Yeong Jun

Address : 323-7, Techno 2-ro, Yuseong-gu, Daejeon

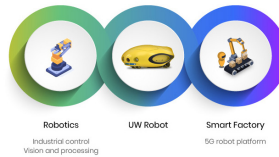
Homepage : www.slm-global.com

“Smart products for the eco-friendly industry based on cutting-edge technology and human resources,” said SLM.

We research and develop services to contribute to human safety and environmental protection.”

With the vision of “Mechatronics Technology for Human and nature” under

Venture company founded in 2018



Product



FILTERING SYSTEM

Industrial Robots

Brand : SLM

Model : FILTERING SYSTEM

A filter system that discharges debris generated during cleaning onto land through a hose connected to the robot and purifies seawater through a two-stage filter.

Purified seawater is discharged back to the sea and filtered debris is disposed on land.



TEIXON



Company

CEO : KIM YOUNGWOO

Address : 402 ho 14, Seongsui-ro 10-gil, Seongdong-gu, Seoul

Homepage : www.teixon.com

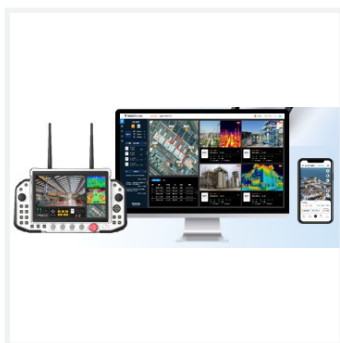
TEIXON was established in 2013 and has long-standing IT businesses such as IT consulting and SI system establishment, ISP information strategy, and video solution development.

As a new business, we conduct R&D using drones and IoT devices.

In particular, we are developing software for real-time transmission, collection, and management of image information, sensor information, location information, and geographic information. We do also research and develop technologies that utilize collected information through AI (Artificial Intelligence).



Product



ROBOTWORK Industrial Robots

Brand : TEIXON

Model : ROBOTWORK V1.0

ROBOTWORK is an integrated robot operation control patrol solution that integrates robot remote control, real-time video control, sensor monitoring, on-site patrol officer management, and information sharing. It connects various sensors to comprehensively monitor field operations and provides automated data collection and management, and artificial intelligence analysis functions.



THIRA ROBOTICS



Company

CEO : Kim Jeongha, Kim Donggyeong

Address : 304, 3F, 388, Dunchon-daero, Jungwon-gu, Seongnam-si, Gyeonggi-do

Homepage : www.thirarobotics.com

THIRA ROBOTICS specializes in autonomous robots. Our Autonomous Mobile Robots (AMRs) provide solutions to increase efficiency in various fields such as fulfillment, intralogistics, manufacturing processes, and hospitals, providing technology solutions to help improve business performance. Autonomous Mobile Robots (AMRs) improve workability, profitability, and safety. Maximize your potential with innovative automation.



Product



L200

Industrial Robots

Brand : THIRARobotics Co., Ltd.

Model : L200

The L200 model is a robot equipped with lift functionality as a standard feature, capable of carrying loads of up to 200kg. One key difference from the T model is that the distance (ground clearance) between the robot platform's top and the floor is designed to be very low at 170mm. This low ground clearance allows for the advantage of using standard pallets (roll containers) commonly employed in work environments without the need for structural modifications or replacements.



TSI KOREA



Company

CEO : LEE, CHULHEE

Address : 198,117, Saneop-ro, Gwonseon-gu, Suwon-si, Gyeonggi-do

Homepage : www.tsi-korea.com/kr

TSI-KOREA specializes in designing, manufacturing, and supplying equipment for semiconductor and FPD process inspection automation using control and vision technology. We developed inspection equipment and launched the 'PICKSYS' brand, offering automation solutions through 2D and 3D Machine Vision. PICKSYS includes automation equipment such as Bin-picking, Palletizing, Depalletizing, Machine Tending, and AMR, standardized for various processes. TSI-KOREA is developing and identifying processes to release more PICKSYS products, aiming to become a leading system integration company by combining automation equipment with advanced technologies.



Product



PICKSYS MTS

Industrial Robots

Brand : TSI Korea

Model : PICKSYS MTS

The product consists of a Doosan Robot equipped ,PickFrame,and a gripper. It is suitable for mass production of various small items. It can replace tasks previously performed by human workers and can be applied without the need for an interface with processing machines,thanks to the 2D Vision technology. This product eliminates the need for interfaces,saving time and costs associated with interface setup.



WONIK ROBOTICS



Company

CEO : Hak-rae, Kim

Address : 4th floor(13486) , Wonik Building, 255-20 Pangyo-ro

Homepage : www.wonikrobotics.com

Wonik Robotics develops and supplies autonomous driving robots (AMR) and designs various logistics automation solutions for manufacturing sites. Our core competency is logistics automation design/engineering, providing solutions such as automation for secondary battery chemical processes, CNC lathe machine tending, and process simulation using digital twin technology. Our flagship model, the Robot Hand, is used for research by leading domestic and foreign institutes and companies, praised for its flexible degrees of freedom (DOF) and simulation technology. With expertise in automation and robotics, we offer solutions that streamline processes, reduce costs, and improve efficiency.



Product



WR Mobile Manipulator with Allegro Hand V.5 (3g) Industrial Robots

Brand : Wonik Robotics Co., Ltd.

Model : WR300M-RBR with Allegro Hand V.5 (3g)

At the end effector of the collaborative robot, it combines Allegro Hand with an autonomous mobile robot (AMR) to form a mobile manipulator type. By applying tactile sensors to the fingertips of the Allegro Hand, it recognizes grasped objects. It can recognize and classify objects based on AI learning from RGB cameras. Additionally, it can accurately PICK & PLACE objects by detecting their placed positions through motion planning functionality.

*co-robot : Rainbow Robotics



YUIL ROBOTICS



Company

CEO : Dongheon Kim

Address : 37-45, Namdongseo-ro 362beon-gil, Namdong-gu, Incheon

Homepage : www.yuilrobotics.com

Based on AI technology based on the 4th industrial revolution, Yooil System has built its own solution, a smart factory, and is playing a pivotal role in the robot industry such as collaborative robots, multi-joint and orthogonal robots for human collaboration. A world where humans and robots coexist and cooperate!

In order to grow into a global company, we will lead constant change and innovation, and make a better world together through continuous technology development.



Product



YTX SERIES

Industrial Robots

Brand : Yuilrobotics

Model : YTX SERIES

Applied Injection Machine : 50~550 Ton

Drive Method All Shaft : AC Servo Motor Up/Down Structure : 1x Speed Mechanism

Front/Rear/Upper/Down Structure High-speed operation due to lightweight aluminum compact precision injection Customized

slim and stable operation

High-speed take-out



ZEUS



Company

CEO : JONG WOO LEE

Address : 132, Annyeongnam-ro, Hwaseong-si, Gyeonggi-do, Korea, 18363

Homepage : zero.globalzeus.com

Since its foundation in 1970, Zeus has grown alongside the semiconductor, LCD, LED, renewable energy, and IT industries. Regardless of the customer's location or specific needs, we provide high-quality solutions and excellent customer support. This commitment has driven our entrepreneurial spirit for over 50 years and will continue to motivate us. As a total solution provider, we partner with other sources to deliver a variety of products and solutions for the semiconductor and LCD industries. These include cleaning equipment, HP/CP, in-line software (CIM), chemicals, parts, and robots.



Product



Zeus Robot 6-Axis

Industrial Robots

Brand : ZEUS

Model : ZRA-0502N, ZRA-0514N, ZRA-0503P, ZRA-0515P

1. Weighs only 17kg, with a payload of 5kg
2. Excellent repeatability of 0.02mm
3. Lineup of 590~860mm arm length
4. Reduced cost of maintenance due to modular joint design
5. Small footprint(Ø 149mm) and low power consumption(250W),
6. Easy learning through open-source software

The background features a light gray field with several vertical bars of varying heights and widths in white and light gray. In the bottom right corner, there are several diagonal gray bars.

Service Robots



AETECH



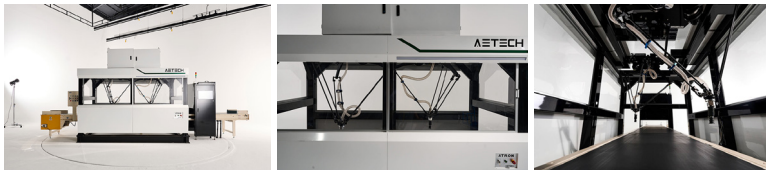
Company

CEO : Park TaeHyung

Address : PT-03, First floor, G-dong, 410 Jeongseojin-ro, Seo-gu, Incheon

Homepage : en.aetech.co.kr

We're AETECH, looking beyond environmental technology. AETECH was incorporated in May 2020 with the mission of creating a smart city, a city where robots sort waste, and developed ATRON, an AI robot for waste sorting. Atron works by recognizing more than 2.6 million trained images to identify waste designated by AI, and the robot sorts the waste. It is more than twice as efficient as existing human sorting operations, and the sites it has been delivered to are highly satisfied. At Atron, we strive to protect the global environment and pursue sustainable development, and to be at the forefront of the industry through technological advancement and creativity.



Product



ATRON Service Robots

Brand : AETECH
Model : ATRON

ATRON is resource recycling optics sorting robot based on artificial intelligence that automates the process of manually sorting recyclables.

1. Using a blower vacuum method, objects can accurately and quickly be selected for recycling.
2. Maximize throughput by dynamically adjusting to the current characteristics and condition of waste.
3. Customizing HW/SW design to ensure top performance in real production environments.
4. With our own In-House technology, we maintain a 30% price advantage over competitors.



AI CONTROL



Company

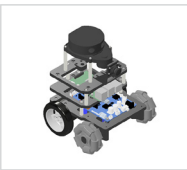
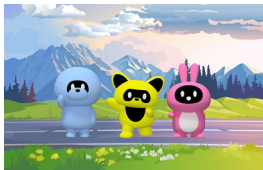
CEO : Park Jun Hyeong

Address : #1008, 120, Daehwa-ro, Daeduk-gu, Daejeon

Homepage : www.aicontrol.ai

AiControl Ltd continues to challenge the various technologies that make us convenient, so that anyone can enjoy and utilize them to their heart's content.

I don't think there's as much motivation as helping someone. We will be AiCON (icon) that constantly finds places where our skills are needed and finds answers in a creative way so that we can continue to discover "happiness" in our lives by sharing our talents for each other.



Product



Block Coding Board

Service Robots

Brand : Aicontrol

Model : Block Coding Board

Meet the block coding board, Co-Book before anyone else!

6-row, 4-column board, 40 building blocks

1. Block Coding Board, Co-Book helps you to visually understand the structure of invisible coding.
2. With chip compartment and play area, you can use it without worrying about spilling various parts.
3. You can connect and operate the robot freely without a computer or tablet.



COBOTSYS



Company

CEO : PARK JEAIL / JANG KYUNGHOON

Address : 16705, Unit 302, Lavel 3 Bandal-ro 35, 30, Yeongtong-gu, Suwon

Homepage : www.cobotsys.co.kr

Bringing automation to manufacturing and F&B service floors through collaborative robots frees people to focus on what they value. We provide high-quality hardware by quickly and accurately manufacturing through our accumulated hardware design know-how and simulation. It is a vision and deep learning-based object recognition and cloud-based robot execution solution that provides services so that collaborative robots can replace human tasks conveniently and safely.



Product



Coffee Barista Robot

Service Robots

Brand : COBOTSYS

Model : -

Cobostys leverages its hardware design expertise to provide automated quality assurance systems. At the exhibition, we'll showcase coffee-making robots, allowing customers to see the process and taste the coffee. Our automated coffee machines operate year-round without breakdowns, preparing beverages within one minute and supporting up to 400 servings per maintenance. They offer 15 types of coffee, milk tea, matcha, and four types of ade. Stores are managed remotely, with ordering and storage handled through an app. Integration with delivery apps ensures seamless service.



COSMO ROBOTICS



Company

CEO : Jooyoung Oh

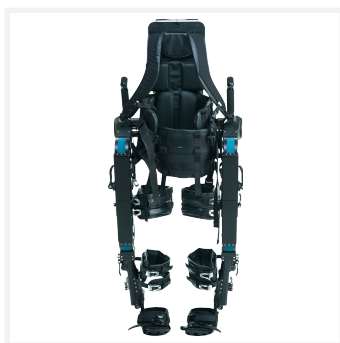
Address : Ace Techno Tower 5th 801-1, 20 Digital-ro 31-gil, Guro-gu, Seoul

Homepage : www.cosmo-robotics.com

cosmo-robotics Co., Ltd. is a specialized company that insists only on wearable robots, and will constantly challenge with innovative technology to become a global top-tier robot company in 2024. cosmo-robotics Co., Ltd. is a wearable medical rehabilitation robot for efficient rehabilitation treatment of lower extremity gait patients using innovative wearable robot technology, walking aid robots for untact gait training in the home for the elderly and hemiplegic patients with muscle weakness, and various It is a leading Korean robot company that develops, manufactures, and distributes industrial wearable suits developed to improve the quality of labor of labor-intensive workers in the industrial group.



Product



Wearable Medical Rehabilitation Robot EXOATLET II Service Robots

Brand : cosmo-robotics

Model : Wearable Medical Rehabilitation Robot EXOATLET II

As a new model released in the fourth quarter of 2020, it has acquired European CE certification and domestic medical device certification, and features a faster and more convenient product wearing and detachable ease of use, and a more sophisticated product design. The wearable rehabilitation robot system equipped with an ergonomic design and natural gait patterns designed to prevent patients from feeling the weight of the robot will bring a huge change to the lives of patients with gait disorders.



CUBROID



Company

CEO : Jaekwang Shin

Address : #1007 D-dong, Incheon Technovalley U1, 236, Jubuto-ro, Incheon

Homepage : cubroid.com

Cubroid is a tech-education company that believes in teaching the programming language to children like a second language. We start with the basic vocabulary of coding. Then we work our way up incrementally to cultivate free-flowing digital fluency in robotics and artificial intelligence.



Product



Cubroid Coding Blocks

Service Robots

Brand : Cubroid, Inc.

Model : T-100

Cubroid Coding Blocks are educational tools designed for children to learn STEM education and AI technology easily and enjoyably.



CUREXO



Company

CEO : Lee Jaejun

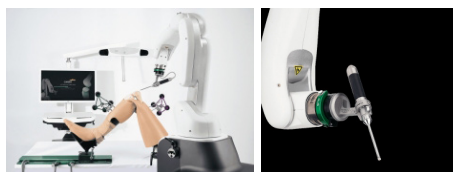
Address : 3,4F Wiryehsunhwan-ro, Songpa-gu, Seoul, Rep. of Korea

Homepage : www.curexo.com

Since it took its first step in the medical industry in 2006, CUREXO has been steadily growing with continuous R&D and endless challenges.

To provide the differentiated medical technology, CUREXO took over the entire assets of ISS in the US in June, 2007, and developed the world's first "fully automatic surgical robot", and now preparing to take a leap to expand the sales in the global market.

Moreover, the company took over the healthcare services sector of Hyundai Heavy Industries Co., Ltd. to build the R&D-manufacture-sales line and secure the nation's best research staff, and is striving to be the top in the medical robot field.



Product



CUVIS-JOINT Service Robots

Brand : Curexo Inc.

Model : CUVIS-JOINT

CUVIS-joint Surgical System

CUVIS-joint is a cutting-edge surgical robot system that improves the completion of artificial joint surgery with optimal surgical planning and precise cutting.

With Optimal tracking sensors and self-developed surgical planning CUVIS-joint helps patients that are in need of artificial knee surgery.



DOGU



Company

CEO : KIM JIN HYO

Address : #207, KIRIA, 75, Nowon-ro, Buk-gu, Daegu

Homepage : www.dogugonggan.com

DOGU is a leading robotics research and development company based in Korea, offering comprehensive solutions in autonomous AI robotics platforms and control software. Specializing in #ASR (AI-powered Safety Robots), DOGU aims to elevate safety standards. Its coverage spans various environments, both indoors and outdoors. Founded in March 2017, DOGU is expanding its operations across Korea and gearing up for global expansion. With #ASR, our vision is to empower humans to focus on inherently human tasks, while our robots tirelessly contribute to making the world a safer place.



Product



Iroi Service Robots

Brand : DOGU

Model : iroi

iroi is an autonomous security robot designed for indoor use, equipped with exceptional autonomous driving capabilities and Security AI. It performs patrols in various locations like factories, hospitals, and hotels. Additionally, it provides guidance services using a touch display and supports interaction with people.



DOT HEAL



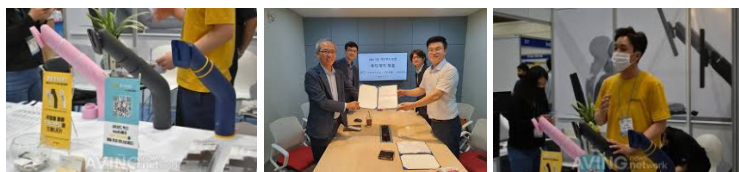
Company

CEO : HONG, BO RAM

Address : E-1103,16,Deogyong-daero 1556beon-gil, Yeongtong-gu,Suwon-si

Homepage : www.dotheal.com

"DOTHEAL, the beginning of wholesome lifestyle" DOTHEAL Co.,Ltd established a corporation in July 2019 and is currently developing AI home appliances(healthcare robots). Developing and selling healthcare robots built to improve and alleviate daily diseases is our primary business goal. The DOTHEAL's first model 'DOTSTAND', scheduled to be launched in the first half of this year, is a smart monitor stand with ergonomic design that provides posture improvement during hours of computer use. We are doing our best to produce automation(smart care) products to achieve a healthier life with an objective of curing chronic lifestyle diseases.



Product



DOTSTAND

Service Robots

Brand : DOTHEAL Co.,Ltd

Model : DS120800000KS

'DOT STAND' is a smart monitor stand that can induce users to maintain their natural posture while sitting in front of the computer monitor to alleviate forward head posture, a common chronic disease of modern people. 'DOT STAND' overcomes the limitation of previous remedies of forward head posture such as hospital treatment, orthodontic equipment, and constant exercise, all of which require extra time and attention from users.

'Posture training AI' recognizes and learns the normal posture of each user with the distance sensor and repeatedly trains the user with a tailored program.



DUSI TECH



Company

CEO : Jin-Ho Jeong

Address : 44-15, Techno 10Rd, Yuseong-gu, Daejeon

Homepage : www.dusi.co.kr / www.kndrone.com

DusiTech Co., Ltd. has been a leader in the field of integrated navigation systems for over 30 years. receivers for precise orbit determination of artificial satellites, Dusitech's GPS/Galileo Multi-GNSS receiver was equipped in the Next Generation Small Satellite 2 loaded on the 3rd launch of Nuri on May 25, 2023. In the aviation sector, we are conducting research on UAM (Urban Air Mobility) systems, specifically focusing on K-UAM communication, navigation, surveillance, and information (CNSi) for integrated traffic management services. In the drone sector, we have developed the Kndrone platform, tailored for urban. We supply this platform to the domestic market (AI Drone launch planned).



Product



Smart Controller(KnC-SMT02)

Service Robots

Brand : DusiTech Co., Ltd.

Model : KnC-SMT02

7 Flight Modes

Software Customization(Provide API)

Drone system status check feature

Google maps, V-World(only in Korea), Etc(raster)

everybot.

EVERY BOT



Company

CEO : Jung, Woo Chul

Address : Pangyoyeok-ro 231, Bundang-gu, Seongnam-si

Homepage : www.everybotmall.com

EVERYBOT is a home service robot company established by the 1st generation of robot development engineers in Korea and has developed autonomous driving & robot cleaning technologies. In 2016, we launched the world's wheel-less spin mop robot cleaner (RS500) and have continuously introduced dual-spin and three-spin mop robot cleaners to customers. As of July 2023, the cumulative sales of a mop vacuum cleaner robot exceeded 1 million units. We supply spin mop robot cleaners to the US, the EU, Southeast Asia, and KOREA. In 2023, we introduced a new upgraded dual-spin mop robot cleaner (RS350) and are expanding the sales territory to the world. We will lead the robot cleaner market by continuously advancing its technology and expanding its product lineup to meet the evolving needs of consumers.



Product



EDGE2 (a dual-spin mop robot cleaner)

Service Robots

Brand : EVERYBOT INC.

Model : RS350

EDGE2 (RS350) is a new dual-spin mop robot cleaner and we launched it in the US, the EU, and Asia in 2023. Its main features are 1) Powerful Mopping by Dynamic Dual Spinning, 2) Perfect Edge Cleaning by Ultra Slim Design, 3) Silent Cleaning by Low-noise Engineering, 4) Electronic Water Supply System, and 5) Smart Cleaning by Various Functional Sensors. We applied the latest robot and cleaning technologies to this cleaner and will continuously introduce upgraded robot cleaners to customers.



EXA ROBOTICS



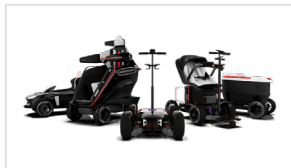
Company

CEO : Lee Jeonggeun

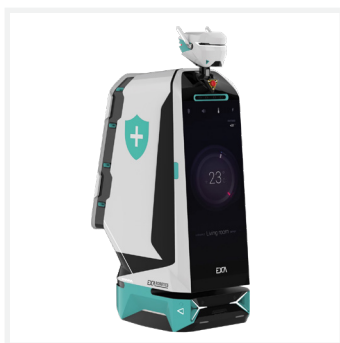
Address : Room 203, B-dong, 406, Teheran-ro, Gangnam-gu, Seoul

Homepage : www.exarobotics.com

Exarobotics is a company that combines artificial intelligence robots, IoT systems, and integrated control system technologies to supply the world's first smart building solution through joint development and research of advanced technologies with domestic and foreign companies.



Product



Spray type disinfection

Service Robots

Brand : EXA ROBOTICS

Model : Quarantine

It is a disinfectant robot that is equipped with a tank that can hold 20 liters of liquid disinfectant and sprays disinfectant through eight spray nozzles in all directions 360 degrees. All public spaces in the building can be disinfected, and the quarantined and to-do areas can be checked in real time, and can be set automatically or manually. The amount of spraying and disinfection chemicals can be set as desired by the customer.

FUTURE ROBOT

FUTURE ROBOT



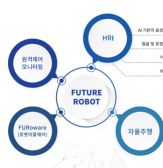
Company

CEO : Seo Sang-cheol

Address : 6F, 413, Yeoksam-ro, Gangnam-gu, Seoul

Homepage : www.futurerobot.com

FUTUREROBOT CO., LTD. specializes in service robots and was founded in 2009. We commercialized guidance robots (FURO-S, D, D+) utilizing human robot interaction technology, while supplying Korea's first automated payment robot "Veny" to unmanned 7-Eleven stores nationwide. We also developed a remote cooperative medical robot "FURO-M" in cooperation with Seoul National University. In 2015, we were selected as one of the world's top 50 robot companies (RBR50), elevating the status of Korea's robot technology.



Product



SECURITY SERVICE ROBOT

Service Robots

Brand : FUTUREROBOT

Model : Furo-DPA

1. Preemptive security with intelligent security system
2. Automated patrol with autonomous-driving function
3. CCTV monitoring and blind spot setting
4. LTE modem-based independent network enabling remote robot control
5. Emergency report and reception services in case of emergency
6. Infectious disease prevention management
7. Information and guidance on the building's facility location



GOYOUNG ROBOTICS



Company

CEO : Lee Yeon-tae

Address : 655, Pyeongcheon-ro, Bucheon-si, Gyeonggi-do

Homepage : www.gyrobot.co.kr

Founded in May 2009, Goyoung Robotics is a robot-related total solution company. Manufacturing fields such as robot controller and related systems, semiconductor inspection equipment development, and specialized robot education. We are conducting business in the field of various robot competitions and in the field of online and offline specialized shopping malls.



Product



Humanoid Robot Service Robots

Brand : Goyoung Robotics
Model : Humanoid Robot

Name : PLUTO Alpha
Control : Bluetooth Remote Control
Motor : 17 joint (Possible further expansion 64-joint)
Size : 35 x 25 x 11 cm / Weight 1.9 Kg
Torque : ALL Metal Gear, 30 Kg/cm
Power : Li-Po 3,000 mA
Content : Using to parish, high school and university



HANCOM ROBOTICS



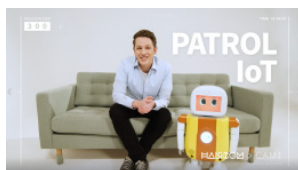
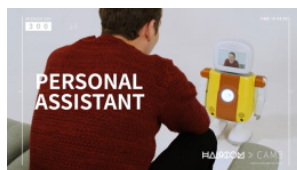
Company

CEO : DONGWOOK JEON

Address : 15-2, Jungbu1960-gil, Yangji-myeon, Cheoin-gu, Yongin-si, Gyeonggi-do

Homepage : www.hancomrobotics.com

Hancom Robotics, established in 2002 as a company specializing in intelligent robots, revolutionizes the robotics industry in parallel with the trends of the fourth industrial revolution by supplying robots applied with the latest ICT technology to various industrial areas. Based on the robotics and autonomous driving technologies accumulated over the years, Hancom Robotics supplies logistics robots to smart factories for efficient transporting of materials and products.



Product



Toki Service Robots

Brand : HANCOM ROBOTICS

Model : HANCOM Toki

AI home robot, "Toki," is a fun and educational robot.

With face recognition technology, kids can have a conversation and share their daily lives with Toki.

Toki provides 5 key features: AI Conversation Service, English Education Service, Contactless Edutainment Service, Coding Education Service, and Home Service.



HILLS ROBOTICS



Company

CEO : Park Myung-gyu

Address : A-405, 43 Changeop-ro, Sujeong-gu, Seongnam-si, Gyeonggi-do, 13449

Homepage : www.hillslogis.com

Hills Robotics is a company that provides 5G and AI-based autonomous robot operation standard platforms using IoT technology, and is a cloud service robot lab and AI-based research and development center that can be applied to various business models by applying IoT technology.



Product



Hi-bot Service Robots

Brand : HILLS ROBOTICS

Model : Hi-bot

'Hi-bot' is an AI-based autonomous driving docent robot that can be widely applied in convention centers, exhibition halls, museums, etc., and is an intelligent universal docent robot that enables two-way communication. It has the same function as the 'Hey-bot', which won the Innovation Award at CES2022, but it has a smaller size than the existing robot to increase the convenience of storage and operation. In addition, Hills' Hibot can be customized according to the user, and is currently being used under the name of 'Robocat' at the Goyang Children's Museum.



H-ROBOTICS



Company

CEO : CHUNBAE LEE

Address : M-1904, 32, Songdogwahak-ro, Yeonsu-gu, Incheon, 21984

Homepage : www.hroboticsinc.com

H ROBOTICS contributes to a healthier world by developing cutting-edge rehab solutions for neurological and musculoskeletal disorders.



Product



rebless
Service Robots

Brand : H ROBOTICS

Model : RHSW

rebless is a U.S.FDA-registered medical device that allows to expand the range of motion of the elbow, wrist, knee, and ankle joints and restores muscle strength with a single device. Mobile app records rehab history and a rebless clinic remote rehab platform helps exercise efficiently anywhere under clinicians' guide.



HYO DOL



Company

CEO : JEEHEE KIM

Address : #1715,282,Hagui-ro,Dongan-gu, Anyang-si,Gyeonggi

Homepage : www.hyodol.com

Our vision is to transform aging into a journey of dignity and joy. We support seniors to live independently while connecting with their communities and loved ones. "Love for Parent, Hyodol" is an AI care robot designed for solitary and disabled seniors, as well as the general elderly population. It combines AI technology with human warmth to offer services ranging from friendly conversations to health coaching and daily life reminders. Thereby creating an environment that alleviates loneliness, depression, and improves the cognitive and physical health of the elderly. As a result the burden of eldercare decreases. Hyodol Inc. strives to make everyday life brighter and more fulfilling for people of all ages, making aging a delightful experience.



Product



HYODOL Ver2

Service Robots

Brand : Hyodol Co., Ltd.

Model : R-R-sCC-HD-OS

"Hyodol Ver.2", the first ChatGPT AI companion robot with an 7-year-old persona, supports emotional and casual conversations for the elderly (support Korean and English). It aims to improve their emotional well-being and help them live independently.

"Hyodol" responds with an adorable voice and comments when touched. It also provides personalized daily life reminders, elderly-specific content, and health tips.

Caregivers and institutions can monitor the elderly remotely through the mobile app and PC web monitoring system, receiving alerts for inactivity and responding to potential emergencies.



KN ROBOTICS



Company

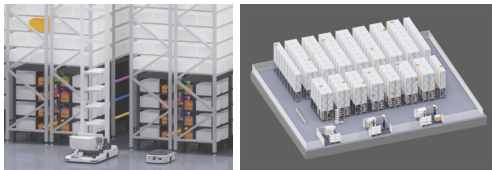
CEO : Hongsam Kim

Address : 7th fl., 307, Toegye-ro, Jung-gu, Seoul, S.Korea

Homepage : www.kn-robots.com

The company was founded in 2019 and focuses on AI-based logistics automation and factory automation.

A good partner with accumulated technology will provide everything from consulting to installation and maintenance.



Product



FlyPick Robots

Service Robots

Brand : KN ROBOTICS

Model : 3D Sorter

Flypick robots is a highly flexible table sorting system for sorting needs such as order picking. The system can increase or decrease platform robot tables as needed, and adjust the number of sorting slots.

It is suitable for order wave picking, store replenishment, return processing, and other scenarios. It is suitable for the forward and reverse sorting needs of many industries such as express delivery, retail, shoes and clothing.



KOREA OFFSHORE COMPANY



Company

CEO : Jung, So-Hyun

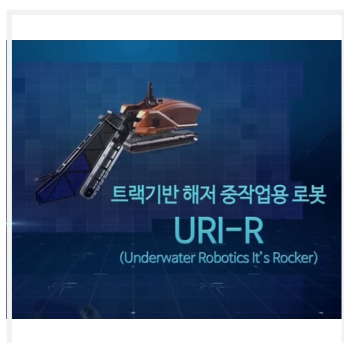
Address : 302, Dongbang Building, 22, Jungang-daero, Jung-gu, Busan

Homepage : www.koc.ac

Korea Offshore Company was established in 2013. In 2016, we started an underwater robot business as a new initiative. We are a leader in underwater construction technology. We have seven types of underwater robots developed for the first time in Korea. Five robots are for multipurpose underwater construction and two are for seabed study. We put in effort and research. Our goal is to advance underwater and marine construction robot technology. We have more than 30 years of know-how in offshore oil drilling and robot operation. We prioritize safety and the environment. We've overcome extreme underwater environments. We strive for a safe working environment, quick yet accurate results, and a clean ocean.



Product



URI-R Service Robots

Brand : KOC

Model : URI-R

Able to collect in strong currents and remote control for a long period of time
Multifunctional: Trenching cutter, rock crusher and bucket can be replaced on site
Able to work in cloudy visibilities using Around View sonar systems



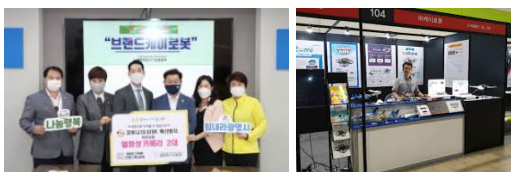
Company

CEO : KIM, JUNG AH

Address : 100, Wontong-ro, Haseong-myeon, Gimpo-si, Gyeonggi-do. KOREA. 10011

Homepage : www.k-robot.com

K-ROBOT. CO.,Ltd. is a manufacturer of robots' and coding drone products' parts by combining future technology of the 4th Industrial Revolution and artificial intelligence. We focus on parts for robot-only servo/DC motors, and operate smart-factories specializing in bearing cage, optical modules, commercial drone design, and mold construction. We successfully established an annex research institute and participated in an annual, national R&D project to develop our products. In 2018, we received commendation from the Ministry of Science and ICT and the Incheon Metropolitan City Mayor for localization efforts.



Product



Cumi Service Robots

Brand : K-ROBOT. CO.,Ltd.

Model : Unplugged Coding

Learning aids to improve scientific thought processes of a computer without computers(kindergarten, lower grades in elementary school)



LIFE & SCIENCE



Company

CEO : Seho Kim

Address : 53, Maecheon-ro 17-gil, Buk-gu, Daegu

Homepage : www.lnsworld.co.kr

Life & Science aims to be a stepping stone for science for humans and for a better future. We are a company that makes life more enjoyable and enriching and creates differentiated customer value by providing a variety of products and services incorporating science in everyday life.



Product



JODIE Service Robots

Brand : Life & science

Model : JODIE

It is a product that makes a robot using a DC motor and various electronic parts and drives it with a remote control and a sensor. You can understand the scientific mechanism of power until the robot receives an input signal and outputs it.

**Light Beyond Drones Co.**

LIGHT BEYOND DRONES



Company

CEO : Gong Hyeon Cheol

Address : 155-40, Baejae-ro, Seo-gu, Daejeon, Republic of Korea

Homepage : www.lbdbot.com

Thank you for visiting Light Beyond Drones Co.

Based on over 22 years of experience and technology in aerospace and drone industries, thank you for visiting LBD, a company that strives to bring light to the world beyond drones.

LBD is a company that strives to make a world where people can live by using drone and robot technology with a vision to impress people through technology.

In particular, as part of efforts to protect people's lives and maintain a healthy life, we are developing self-driving sterilization and clean quarantine robots to help people live a healthy and happy life from COVID-19.



Product



Air-clean sterilization moving robot

Service Robots

Brand : Light Beyond Drones

Model : Air-clean sterilization moving robot

This self-moving robot provides indoor sterilization and cleaning. It filters fine dust and VOCs, decomposes them with matte catalysts, and uses photocatalysis to neutralize bacteria and viruses. It features a UVC LED module for floor sterilization and an air sterilization module with pre-filter, HEPA filter, activated carbon filter, and matte catalyst filter. A machine learning algorithm uses air quality data from internal and IoT sensors to identify areas needing sterilization. The robot employs Lidar, depth cameras, and ultrasonic sensors for mapping, route planning, and obstacle avoidance.



LUX ROBO



Company

CEO : Seungbae Son

Address : 13F, 311, Gangnam-daero, Seocho-gu, Seoul, Korea

Homepage : www.luxrobo.com

Luxrobo, established in November, 2014, is a STEAM educational solution provider specializing in robotics and programming for kindergarten to Grade 12 students with the vision of creating a smarter world for everyone.



worlddidac
A W A R D 2 0 2 0



Product



MODI Master Kit

Service Robots

Brand : Luxrobo

Model : MODI Master Kit

MODI (micro OS) is an all-in-one educational tool that enables students to integrate various modules and coding to bring creativity to life. OS-embedded hardware eliminates the need for a mainboard, allowing selection of necessary modules/functions. The graphical block coding UI works with desktops, laptops, tablets, and phones. MODI's mix-and-match approach lets students realize ideas through unplugged activities, 3D printing, and coding projects, compatible with LEGO. MODI serves students from kindergarten to Grade 12, as well as university students and adults for up-skilling.



MAN & TEL



Company

CEO : Jung Kwang Wook

Address : 258 Saneop-ro, Gumi-si, Gyeongsangbuk-do, Korea

Homepage : www.manntel.com

Man&Tel was established on August 17, 2000. We are a venture and INNOBIZ company specialized in developing, manufacturing, and selling rehabilitation medical devices, medical aids, and exercise devices for the elderly. We've developed ICT advanced technology educational equipment for 20 years and export to 52 countries. With these technologies, we were able to develop rehabilitation medical equipment since 2009. We've also developed a series of treatment products and established a product line-up. We attained KGMP approval for all products and US FDA registration. Most products have completed clinical trials at Yangsan Pusan National University Hospital, Chonbuk National University Hospital, Severance Hospital (Wonju), Pusan National University Hospital, and Dongguk University Ilsan Hospital.



K.W. Jung



Product



Upper Limb Rehabilitation Robot Trainer

Service Robots

Brand : MAN&TEL

Model : 3DBT-61

The Camillo (3DBT-61) is used for patients who need upper limb rehabilitation. It is an electric orthopedic exercise device that fixes the patient's hand to the device and performs various upper limb training according to the contents displayed on the monitor screen. It helps strengthen muscles and perform movements of the proximal upper limb muscles. The Camillo has various training, inspection and games that make training enjoyable.

MAROROBOTTECH

MARO ROBOT TECH



Company

CEO : KIM DEUK GEUN

Address : 401-1004, 655, Pyeongcheon-ro, Bucheon-si, Gyeonggi-do

Homepage : www.marorobot.com

We specialize in unmanned mobile vehicles using camera vision and motion control technology, focusing on key technologies for robot's location recognition. We are a distinguished Inno Biz venture company concentrating on production and commercialization of logistics/parking robots.



Product



SMART LOGISTICS ROBOT M3 - 300

Service Robots

Brand : MAROROBOT TECH Co.,Ltd.

Model : M3 - 300

Edit initial location map regardless of robot size or equipment.

Robot mission, waypoint, QR code, and tag features.

Automatic and manual path exploration for object detection and navigation.

Assign multiple missions at specified points (QR code).

Server-controlled robot performance, angle control, IP management, and health check.

Protocol for MES interworking.



MAUM AI



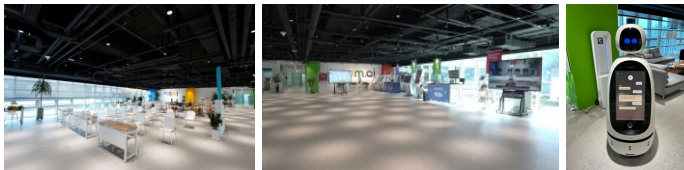
Company

CEO : Taejoon Yoo

Address : 4F Pangyo IT Center ,30, Changeop-ro 40beon-gil, Gyeonggi-do

Homepage : maum.ai

Maum.AI is revolutionizing AGI with three powerful foundation models: the Language Model "MAAL" for enhanced productivity through domain intelligence, the Audio Model "SUDA" for zero-latency voice communication, and the Vision Model "WoRV" for End-to-End autonomous driving. Unlike traditional rule-based systems, Maum.AI facilitates human-like conversation and understanding, delivering cutting-edge AI solutions across diverse industries. AI Human streamlines business operations with customized chatbots and an intuitive Task UI Tool. It seamlessly integrates with various devices, from indoor driving robots to specialized vehicles, performing roles such as docents, sales representatives, and call center agents. Maum.AI is pioneering the AGI era with its turnkey business solutions.



Product



Gilbert Service Robots

Brand : MAUM.AI, Inc

Model : Gilbert

Gilbert is an all-in-one product equipped with three foundational models: the Language Model "MAAL", the Vision Model "WoRV", and the Audio Model "SUDA". These models enable Gilbert to interpret natural language, converse like a human, and understand the environment. Gilbert excels in executing complex instructions, navigate accurately with maps, and handle unexpected situations. WoRV technology in Gilbert is versatile, suitable for both indoor autonomous driving robots and off-road vehicles. Meet Gilbert, a highly scalable model designed for diverse use cases to meet your specific needs.

meerecompany

MEERE COMPANY



Company

CEO : Kim Joon Koo

Address : 155, Songpa-daero, Songpa-gu, Seoul

Homepage : www.revosurgical.com

Meerecompany uses innovative technology and community-based values to enhance human happiness. Founded in 1984 as Meere Engineering, it initially focused on industrial equipment like the Edge Grinder. Since its 2005 debut on KOSDAQ, the company has expanded into 3D sensor devices and laparoscopic surgical robots. Persistent research has led to significant advancements in Korea's display sector. Embracing the Beyond spirit, Meerecompany aims to lead the latest technological developments in the Fourth Industrial Revolution, including robotics and healthcare. The company is committed to continuous innovation to provide competitive products to the global market.



Product



Revo-i Service Robots

Brand : Meerecompany
Model : MSR-5100

Since 2007, meerecompany has been developing the Revo-i surgical robot to serve more patients better. The Revo-i is a minimally invasive laparoscopic robot that uses a less than 1cm incision. It features four robotic arms and 3D imaging, allowing medical professionals to perform procedures with precision. The Revo-i system ensures steady and comfortable surgery by providing a clear view of the surgical site and allowing natural wrist movements. It emphasizes reliable products, reasonable prices, and responsible personnel, aligning with hospital needs.



MODERN TEC



Company

CEO : KIM SEONG DOO

Address : Green-4F, Changwon Technovelly, 12, Sogye-ro, Uichang-gu, Changwon-si

Homepage : www.moderntec.kr

moderntec Co., Ltd. was established in 2003 with a specialty in machine tool&automation system design control. In 2008, an incorporation was founded and since 2008 we have been steadily developing and producing electric vehicle chargers. With the Modern Tech's outstanding flagship product(simultaneous/sequential multi-chargers) that complements existing problems of general chargers, we continue to grow based on user convenience and efficiency. We are striving to improve customer satisfaction in increasingly crucial areas such as environmental protection, high-quality service, and state-of-the-art infrastructures. We are manufacturing and supplying slow/fast chargers, electric scooter chargers, detachable chargers, high-capacity bus chargers along with unmanned robot charging systems.

Product



MODERNBOY(Robot Arm Charger System)

Service Robots

Brand : Moderntec Co.

Model : MC-RACS-MS400-1

1. An unmanned charging system capable of managing up to 20 vehicles without user intervention with a single robot.
2. Intelligent power distribution system maximizing efficiency and minimizing carbon emissions.
3. From passenger cars to large electric buses/unmanned drones,next-generation charging stations to be built for all future E-mobility.
4. Reduced system deployment costs by 70%



NARMA



Company

CEO : Kwon, Ki-Jung

Address : Narma Inc, 169-84, Gwahak-ro, Yuseong-gu, Daejeon

Homepage : www.narma.co.kr

Narma develops, manufactures and sells high-speed, long-distance tiltrotor drones. These drones perform emergency dispatch and delivery services.

Narma is the first research institute company to be backed with Korea Aerospace Research Institute's tiltrotor technology. We developed the world's first electric small tiltrotor drone.

We also manufacture drones in Korea and obtained KC certification to sell drones domestically.



Product



Long-range, High speed Police Drone Service Robots

Brand : NARMA

Model : AF200(Ranger, Ambulance)

AF200

1. AF200 is capable of "non-visual flight" and flying at high speeds over a wide range of operations.
2. AF200 can deliver emergency medicine (blood pack,antidote,etc..) by specializing in delivery with fast speed and wide operating radius.
3. AF200 can equipped with cameras and speakers,it can fly around the runway and check for obstructions to flight.



NDS



Company

CEO : Kim Nam Gyo

Address : Room 1512, 120, Heungdeok Jungang-ro, Giheung-gu, Yongin-si

Homepage : qwayfinder.netds.net/micro

NDS Solution is a company with the technology to develop software on its own, and it is a reliable company with various awards and certifications based on know-how and experience accumulated over 10 years.

In addition, we have a diverse distribution structure in over 20 countries around the world. This NDS solution is a leading signage company that delivers satisfaction and emotion to customers around the world.



Product



Self-driving guidance robot

Service Robots

Brand : NDS

Model : Self-driving guidance robot

A guide robot equipped with object avoidance sensors, cameras, microphones, and speakers in existing hardware, and with autonomous driving mobility.

Currently, after importing robots from China, they develop control software and contents suitable for each institution and deliver them to Gwangju Museum of History and Busan Museum of Contemporary Art.

Includes Q-Sign CMS, Q-Wayfinder authoring tools and kiosks, directions, and content management program functions.



NEOPIA



Company

CEO : Sung ShinWoong

Address : 302Ho, 129, Gaetbeol-ro, Yeonsu-gu, Incheon, Korea

Homepage : www.neopia.world

Neopia is a leading company in creating innovative educational robots. We primarily target elementary and middle school students, offering products that enable effective learning of robotics, coding, and artificial intelligence (AI). All of Neopia's products are designed using block systems, with the unique feature of controlling block robots through block coding. These products have been consistently adopted in Korean elementary and middle school textbooks and are widely used as the main educational tools for teaching robotics. Additionally, we prepare a variety of AI-powered content, helping students experience and learn future technologies in advance.



Product



NEOBOT Service Robots

Brand : NEOPIA Co., Ltd.

Model : NEOBOT - S to E

Neobot is Neopia's flagship product, designed for elementary school students to support STEAM education and enhance creativity and concentration.

It follows a Step-by-Step Learning approach through stages $S \rightarrow T \rightarrow B \rightarrow C \rightarrow D \rightarrow E$, each offering different components and functionalities.

'Neobot-S,' only one motor is provided but from Neobot D, students can learn how to control the robot through coding using a dedicated app.

For more details on each stage's components, visit: <https://neopia.world/neobot/>

NEUBILITY

NEUBILITY



Company

CEO : Andrew Lee

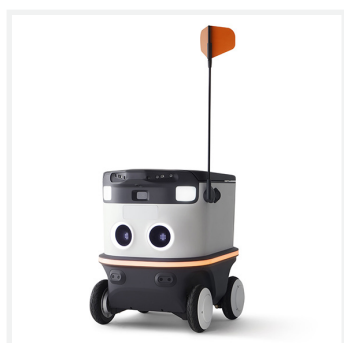
Address : 115, Wangsimni-ro, Seongdong-gu, Seoul

Homepage : sales.neubility.co.kr

NEUBILITY is an indoor and outdoor autonomous robot service company founded in 2017. We are creating a variety of robot services that can be deeply embedded in everyday life, starting with the idea of solving problems and changing the world. NEUBILITY is 1) developing camera-based autonomous robots that can drive in a crowded city center at an affordable price, 2) robot management RaaS platforms that can be linked with business partners, and 3) applications for providing robot delivery services.



Product



NEUBIE Service Robots

Brand : Neubility

Model : NB015

1. High-accuracy driving with extensive site and service experience in Korea.
2. Cost-effective autonomous driving using cameras and radars, no 3D Lidar needed.
3. Accurate driving in indoor, outdoor, daytime, and nighttime environments.
4. Efficient solutions with proprietary hardware and software.
5. Neubie offers a loading capacity of over 50 liters.



RESET COMPANY



Company

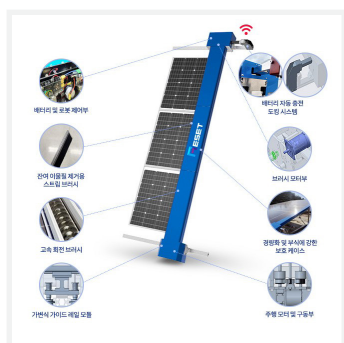
CEO : Jeong SeongDae

Address : #201, 109, Soho-ro, Jinju-si, Gyeongnam

Homepage : www.resetsnow.com

Reset Company Co., Ltd. is Korea's representative energy leader that takes the lead in building a sustainable energy production and resource circulation ecosystem by solving the problem of reducing the efficiency of photovoltaic power generation, which is the core of the global carbon-neutral era, and the disposal of waste photovoltaic modules that are discarded at the end of their lifespan. It is an innovative company.

Product



Solar panel unmanned cleaning robot Service Robots

Brand : Reset Company

Model : RES-PV-C1.0-1~5

Since solar power generation efficiency decreases every year, the power generation efficiency can be increased by washing the solar panel. Maintenance is not an option but a necessity. It is a technology that improves power generation performance by cleaning solar panels with unmanned cleaning robots for the problem of reducing solar power efficiency due to heavy snow and fine dust. It can be operated 365 days by setting the operation at a fixed time, and the rainfall and snowfall detection sensor can detect the weather and operate it in real time.



RGT



Company

CEO : Jeong, Ho-Jeong

Address : 406, 4F, 118, Jungang-ro, Jung-gu, Daejeon

Homepage : www.rgt.kr

Our company develops multifunctional modular serving robots fit for the restaurant industry. We make serving robots for restaurant industry entrepreneurs. Our competitors' robots can only serve food and are unable to find its way when table settings change. We have solved these two problems. The SEROMO is modular and can serve food for up to four hours, promote and guard. It can also correct and secure changing table placements. We possess technology to make perfect mapping even with insufficient feature points.



Product



SEROMO

Service Robots

Brand : RGT

Model : SEROMO

A service robot that provides both serving and promotion at the same time as a compound word of SERVING and PROMOTION. The robot can run completely autonomously indoors without additional equipment. It has a size of 430mm*430mm*1200mm, and can load food up to 50kg, and can run for up to 12 hours. When food arrives at the customer, it is notified by a voice signal, LED and display. The operation of SEROMO is very easy and simple. The employee places the food on the tray, presses the desired table number, and SEROMO delivers the food safely and quickly to the table.

robo3.com

ROBO 3



Company

CEO : Kim, Jun-Hyung

Address : 3, Hakdong-ro 42-gil, Gangnam-gu, Seoul

Homepage : www.robo3.com

We are a tech company that develops and manufactures autonomous driving intelligent service robots and personal mobility products. We're listed under the Korean Exchange market, KONEX, ever since our technology was recognized in April 2016.

While the service robot market is not yet used on a daily basis, the future growth potential is very large. The market is expected to open wide in the near future with the rise in contactless era.



Product

**ROBO3****Service Robots**

Brand : ROBOT3

Model : Gate-Boy

Features a 10" Display Type Small Signage robot platform

Features voice and subtitle promotion and guidance features

Features contactless temperature measurement and hand-sanitizing features

Applicable to various fields through customization as required by the customer

ROBO ARETE

ROBO ARETE



Company

CEO : Kang Ji-young

Address : Office B, 30, Eoeun-ro 52beon-gil, Yuseong-gu, Daejeon

Homepage : roboarete.com

Robo Arete has developed a frying robot system that automates the entire frying process. This system drastically reduces costs for restaurant owners while improving efficiency, safety, and taste through our unique expertise.

1. Possesses all capabilities necessary for the development and operation of cooking robot systems, including planning, design, assembly, programming, automatic control, and a/s service.
2. Since 2020, through the experience of operating restaurants, we have developed and validated the effectiveness of robots suitable for F&B stores.
3. Efficient workflow through integrated operation with payment systems.



Product



ROBERT-E Service Robots

Brand : Roboarete Co.Ltd

Model : ROBERT-E-F-6

1. It is capable of cooking 50 baskets per hour, including a variety of fried items.
2. Since 2020, Robert-E has been operating daily and upgrading its capabilities at Robo Arete's own chicken brand, making it a cooking robot that best understands people and kitchens.
3. Compact Size: It only requires 1.62 square meters of space for installation.
4. It has obtained NSF certification for the entire system.
5. The robot system is seamlessly connected with various ordering systems, such as kiosks, apps, and POS.



ROBO CARE



Company

CEO : JEON IL MOON

Address : 901~904, 42 Changeop-ro, Sujeong-gu, seongnam-si, Gyeonggi-do

Homepage : www.robocare.co.kr

ROBOCARE is committed to providing robot services that elevate social values.
We promise robots that contribute to human happiness

Vision: A robot service provider dedicated to social values

Main field: Service Robot manufacturing



Product



BOMI1

Service Robots

Brand : ROBOCARE

Model : BOMI1

BOMI1 deion : tabletop emotional,physical,cognitive care robot

It is a cognitive training care robot that helps everyday life as well as brain improvement contents using robots for the elderly and the elderly at risk of dementia.

(Operation Case: Elderly Welfare Center, Senior Citizens " " Hall, etc.)

It is equipped with 20 types of non-contact health measurement, talk-about and emergency services, and cognitive training contents that have been proven effective. All content is analyzed and managed through the "Hibomi" system.



ROBO LINK



Company

CEO : Hong Changpyo

Address : 83, Samhaksa-ro, Songpa-gu, Seoul

Homepage : www.robolink.co.kr

RoboLink is called Robot Education Company. It is a company founded in 2006 with vision. Especially for robot technology and coding education, which is the core of the 4th industrial revolution,

We are focusing our business strategy on developing HW and SW education curriculum such as educational robots and coding drone kits.

In addition, by establishing a local corporation of RoboLink in the United States We are solidifying our position in the global market.



Product



zumi mini
Service Robots

Brand : robolink

Model : zumi mini

Jumi Mini uses an AI camera

Tracking colors or recognizing QR codes

It's not only self-driving

You can learn artificial intelligence by collecting data,

You learn emotions through interactions with users



ROBO RISEN



Company

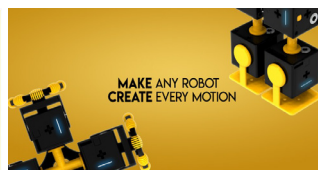
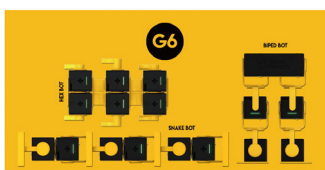
CEO : Lim, Sang-Bin

Address : 16 Yangjaecheon-ro, 11-gil, Seocho-gu, Seoul, Korea

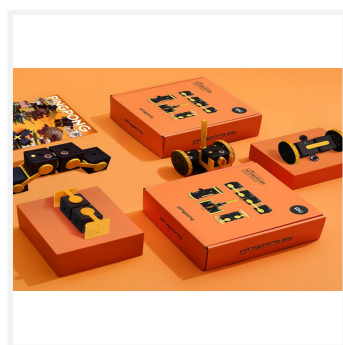
Homepage : www.rob arisen.com

The PingPong ROBOT represents Korea as an educational robot. We value providing a STEM learning system that develops problem-solving and computational thinking skills at all levels, including early childhood, elementary, middle, high school, and vocational training.

The PingPong robot is a singular module based robot platform. Which enables someone to make any kind of robot model with just single-type of module ("Cube"). We analyzed motion on animal or human body to extract the basis of motion. As a result, we realized the Cube and Links so that we could take hundreds of robot models with PingPong.



Product



PINGPONG ROBOT EDU KIT

Service Robots

Brand : ROBORISEN

Model : PINGPONG ROBOT

Roborizen's "PingPong" allows versatile robot creation using the Gcube module, connected via Bluetooth 5.0. Users can code through a smartphone app. The PingPong-specific Scratch 3.0 program controls Gcube and PingPong robots. Educational packages include a basic set with two Gcubes and expansion kits with IoT sensors. Advanced coding supports Python, Java, and C. PingPong is an innovative platform for easy and affordable robot creation, offering resources from hardware to software and sensors for children, schools, and robotics experts.



ROBO ROBO



Company

CEO : Young Suk, Choi

Address : Roborobo Bldg., 6, Dobong-ro 54-gil, Gangbuk-gu, Seoul, Korea

Homepage : www.robobo.co.kr

Programmable Robots: Robot & Coding

1. Our products are programmable robots and not simple toys.
2. Our robots encourage physical computing rather than using software education on a PC.
3. With the global coding craze, this industry will continue to grow.



Product



AIKIRO Service Robots

Brand : ROBOROBO

Model : AIKIRO

"Click" to build, "Poke" to code!

Build and code your unplugged robot!

AIKIRO is an unplugged coding robot that allows you to freely create robots using dedicated rivets and frames, and code the robot's movements using a coding pen.

By implementing various movements with just coding cards and coding pen, you can learn about the mechanical elements of robots and the basic algorithms of coding.



SAMMI PRECISION



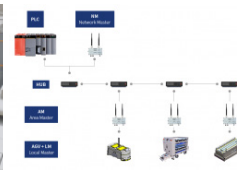
Company

CEO : HOHYUN KIM

Address : 9, Maegoksaneop 3-gil, Buk-gu, Ulsan, Republic of Korea

Homepage : www.sammiagv.com

SAMMI AGV grew as a technological leader in the AGV field through continuous technological innovation and change. Leading AGV development through SAMMI PRECISION's state-of-the-art AGV business, SAMMI AGV manufactures and supplies welding assembly automation equipment essential for car body production and inspection tools necessary to ensure car body quality. We're an AGV (Automated Guided Vehicle)-system specialized company that leads the SMART FACTORY business through enhanced productivity, quality and customer satisfaction and the 4th industrial revolution through the convergence of information and communication technologies.



Product



AGV Service Robots

Brand : SAMMI PRECISION

Model : DB type

Automatic connection with the vehicle

Optimized for towing and transportation inside warehouses and production plants



SEO



Company

CEO : HYEONGGAK LEE / HOGOON KIM

Address : 16, Heungan-daero 427beon-gil, Dongan-gu, Anyang-si, Gyeonggi-do

Homepage : www.seoitv.com

SEO Co., Ltd founded in 2004, is a company focused on developing CCTV-related technologies and commercialized products such as unmanned traffic surveillance devices and CCTV encryption devices. Its sales have increased dramatically every year, and it has recently ranked first in the video-monitoring system in the public Procurement Service for two years in a row.



Product



ARVO Service Robots

Brand : SEO

Model : ARVO S3

ARVO is a security service robot with sensors and sensor fusion cameras, autonomous driving, video stabilization, wireless charging and sound source tracking technology. The robot can patrol, prevent crime, check security, etc. at various places such as power plants, distribution centers, hypermarkets and department stores, hotels and resorts.



SSAM BOT



Company

CEO : Kim, Myoung-Hwan

Address : 113ho, 229, Gyeongin-ro, Michuhol-gu, Incheon

Homepage : www.ssambot.com

Sports Robot Solution Specialist.

We provide edutainment robot solutions.

We develop robots and provide contents for both entertainment and education.

We're developing a sports entertainment robot, "SSAMBOT".

It aims to make a healthy peer culture and various leisure activities for the youth.

It takes its concept from the multi-character "janggi".



Product



SSAMBOT EDU

Service Robots

Brand : SSAMBOT

Model : -

SSAMBOT EDU

The DIY sports robot is a fun and easy kit aimed to help provide IT learning.

It is used for "SSAMBOT" games and entertainment.



SUNNYS



Company

CEO : JEONG SANG HO

Address : 25, Anam-ro, Seongbuk-gu, Seoul

Homepage : www.robosunnys.com

SUNNYS is a startup company in the research/development industry of advanced convergence technology established in 2020. After a solid introduction to entrepreneurship at 'Korea-Yonsei Entrepreneurship Society' called 'Insiders', we are currently receiving support from the 'KU Crimson Startup Support Foundation'. We manufacture various high-tech materials/products based on intellectual property rights (IP). SUNNYS' goal is to lead sustainable innovation industries by contributing to the prosperity of Industry 4.0 with advanced convergence technology. Based on industry-academic links with Korea University, we will become an important company in the process of advancing into a sustainable future society by creating excellent research/development products.



Product



SUNNYS ROBOFILER

Service Robots

Brand : SUNNYS

Model : SUNNYS ROBOFILER

With the driver in the vehicle, follow the instructions on the SUNNYS Robofiler display to breathe into the breathalyzer module for a test. When the pass mark appears on the display, the vehicle passes but when the stop mark appears, the vehicle is immediately switched off by controlling communication with the vehicle. Currently, we are in the first prototype stage of implementing initial functions, but we plan to complete the third prototype production that enables automation/communication networking by 2023.



SYSCON



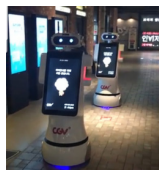
Company

CEO : Kim, Hung-Soo

Address : 4F, RND Center, 155-30, Robotland-ro, Seo-Gu, Incheon

Homepage : www.syscon.kr

Syscon Co., Ltd. is the most suitable and prepared company for the future industry after having developed and supplied ROBOT and IT solutions based on an SI experience of factory automation for a long time. We increase value by providing a logistics system for robots together with IT solutions. We have a cycle in which existing FA customers become ROBOT-demanding companies, and new robot customers become FA's new customers. We are growing into a world-class AMR company by entering the global market with AI technologies such as deep learning.



Product



IM-001

Service Robots

Brand : syscon

Model : IM-001

Syscon's service robots are expanding to non-face-to-face, guide robots, reconnaissance, hotel and restaurant serving robots, parking robots, etc. by customizing them according to necessary functions such as trays and touch screens.

Starting with CGV theater robots and guide robots in the lobby of the Incheon Techno Park Robot Tower, we are visiting customers with full-fledged service robots.



TIMBO ROBOT



Company

CEO : JY Park

Address : #604-2, Pyeongchon Obiz Tower, 126 Beolmal-ro, Dongan-gu, Gyeonggi-do

Homepage : www.timbo.co.kr

Timbo Robot(Topobo) Curriculae have been developed and extensively tested in classrooms grades K-2 in South Korea, a world-leader in STEM education for young children. Nearly 150 activities are organized by grade and progress cumulatively to playfully introduce concepts related to information and computing technology (ICT). Concepts include algorithms, programming, memory, turn-taking, lists, and networking. Because Timbo Robot is based on organic systems, the activities also introduce concepts unique to Timbo Robot, such as locomotion, geometry in 2D and 3D, nature, and ecology. Activities can be coupled with existing curriculum to provide children a way to make abstract concepts concrete.



Product



Advanced Kit Service Robots

Brand : TIMBOROBOT

Model : Advanced Kit

Motion and Queen with Incredible Capabilities

Coding Possible with Just Your Hands

Queen's Outstanding Ability

No Battery Replacement Needed



TOROOC



Company

CEO : Jeon Dong-su

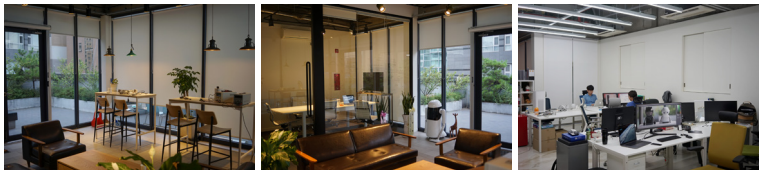
Address : 42, Toegye-ro 80-gil, Jung-gu, Seoul

Homepage : www.torooc.com

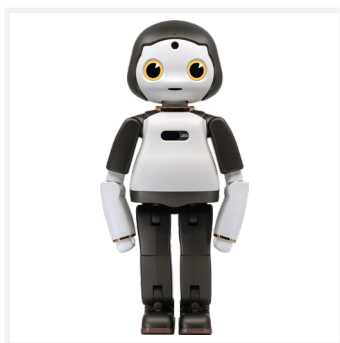
A Robot in Every Home

It is time to live with robots. TOROOC are developing smart, active 'social intelligence' and 'core robotics technology' to give shape to robots we really need.

The future of living with robots, TOROOC MAKES.



Product



LIKU

Service Robots

Brand : TOROOC

Model : LIKU

The emotional character of LIKU

LIKU is full of curiosity. LIKU likes people. LIKU knows how you feel. LIKU likes a touch. LIKU sometimes dances alone if it feels good. LIKU can walk by avoiding obstacles. LIKU is afraid of cliffs and water.



T-ROBOTICS



Company

CEO : Ahn, Seung-Wook

Address : 103-37, Gajangsaneopseobuk-ro, Osan-si, Gyeonggi-do

Homepage : www.t-robotics.co.kr

T-Robotics is a Global Vacuum Robot company, which has been successfully listed on KOSDAQ in 2018 Nov. T-Robotics' Vacuum Robot & system are the most critical in clean & vacuum environment for FPD & Semi-conductor manufacturers to run their production efficiently and effectively. Since the foundation in 2004, T-Robotics has developed many types of Vacuum Robot for Semiconductor, FPD & Solar Cell production lines and T-Robotics' large sized Vacuum Robot which was the first robot in Korea has been supplied almost of all FPD manufacturers in Korea, Japan and China so far with good reputation in performance and reliability. T-Robotics has invested its resources in Autonomous Mobile Robot & Medical Rehabilitation Robot as a next businesses with big growth.



Product



Myosuit Service Robots

Brand : Myoswiss

Model : Myosuit

Myosuit, a strength support garment made to act as a wearable muscle in combination with functional fibers, is a wearable soft suit that helps people who have difficulty walking due to weak leg muscles to be more active and get comfortable with their daily activities. It automatically recognizes the user's movement and supports a variety of gait such as sitting/standing, walking, and going up and down stairs.



TWINNY



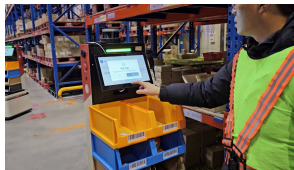
Company

CEO : YOUNGSEOK CHEON, HONGSEOK CHEON

Address : 90, Gajeongbuk-ro, Yuseong-gu, Daejeon

Homepage : www.twinnny.ai

TWINNY's advanced technology enables autonomous driving without additional infrastructure or structural changes in a wide range of indoor and outdoor environments such as factories and distribution center.



Product



NarGO Order Picking Service Robots

Brand : TWINNY

Model : NarGO Order Picking

1. Robust autonomous mobile driving under a wide and complex environment
2. Short setup and installation time within 1 month or less
3. No infrastructure such as barcode or marker
4. Proven batch and multi-order picking scenarios, plus a custom picking scenario available
5. Labor cost reduction by minimizing travel time of picker
6. Integrated with WMS
7. Multiple robots control available (Fleet Management System)



Company

CEO : KANG YONG HOON

Address : 8F, RIT Center, Kyounggi Technopark, 705, Haeon-ro, Sangrok-gu, Ansan-si

Homepage : www.uver.co.kr

UVER provides convergence solutions based on UV LED

Especially, we are concentrating on the development and manufacturing of curing / exposure systems and are committed to supplying systems optimized for our customers' production processes and are doing our best to build a systematic system and manage risk so that we can make new value and provide the highest quality service by developing professional know-how and various customized products in the rapidly changing global market.



Product



UV LED Variable Disinfection System

Service Robots

Brand : UVER

Model : CM1

The UV LED variable sterilization system makes the lower driving robot compact.

Four specially manufactured robot arms are mounted on the upper part to sterilize both sides.

The front and rear robot arms can sterilize the floor and ceiling, respectively.

The robot can safely sterilize with light using LED light source technology.

It can also sterilize other harmful bacteria, such as COVID-19, in 30 seconds.

vd company

VD COMPANY



Company

CEO : Ham, Phan-Sik

Address : 1414, Daeryung Techno Town 20th, 5, Gasan Digital 1-ro, Geumcheon-gu

Homepage : www.vdcompany.co.kr

R stands for Realization, V stands for Vivid, and D stands for Dream, meaning that dreams come true if you dream vividly.



Product



ThepyeonBox

Service Robots

Brand : VD COMPANY

Model : ThepyeonBox

The Pyeon Box is a vending machine that applies a smart vending solution using computer vision technology.

Product management, customer management, sales management, and marketing are possible.

Because it is free, you can sell a variety of products 24 hours a day.

Customers can experience easy and convenient shopping from product selection to automatic payment through simple authentication.



VISION SEMICON



Company

CEO : Yoon Tong-seop

Address : 265, Techno 2-ro, Yuseong-gu, Daejeon

Homepage : www.visionsemicon.co.kr

Since the establishment in 1997, VISION semicon has solely developed and manufactured semiconductor manufacturing equipment. Through development of factory automation equipment and products for semiconductor manufacturing processes, our excellent performance has been verified at home and abroad. We focus on technological development to deliver the best value and service to our customers. We are an equipment manufacturer with differentiated quality and competitive technology capable of competing in the global market. In addition, we are now equipped with factory automation system as we launched the robot business in 2014. Last year, we utilized the built-in automation system to introduce the "STORANT" (unmanned robot cafe), offering new solutions for the Untact (non-contact) era.



Product



Serving Robot Service Robots

Brand : VISION semicon

Model : TORANT

TORANT receives drinks from smart barista and serves them to customers. It drives safely while serving and verbally identifying the drinks to customers.



Company

CEO : Koo Seung-yeop

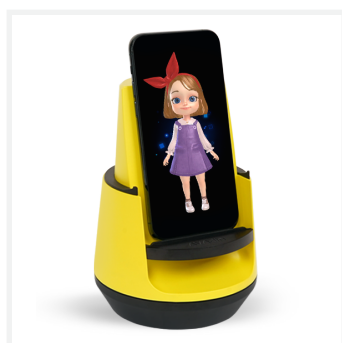
Address : Fine Building 3rd, 4th, 5th floor, 216 Baume-ro, Seocho-gu, Seoul

Homepage : www.1thefull.com

Wonderful Platform Co., Ltd. consists of 80% of all employees with competent developers, and provides various platform services and services including AI devices based on their own technologies such as chatbot, natural language, BIG DATA, AI, robot SW, image recognition



Product



AVADIN Service Robots

Brand : Wonderful Platform

Model : AVADIN

With Avadin solution, you can easily develop AI services even if you are not a developer. Experience the builder and natural language-based chatbot platform that can be easily applied to various services.

It can also be applied by purchasing the desired chatbot from the store and suggesting other ideas.



ZETA CREZEN



Company

CEO : Park, Won Ha

Address : #103-707, 166 Gosan-ro Gunpo-si Gyeonggi-do 15850

Homepage : www.zetacrezen.com

Zeta Crezen Co., Ltd. is a pioneer in advanced underwater cleaning robot and submersible platform for various industrial sectors since its foundation in 2006.

As a technology frontier, we are committed to lead in robotic cleaning system based on our continuous R&D paired with proven track-records of customer satisfaction that comes from customized field management and successful technology apply. We have a unique market position at underwater cleaning and its service competence as an emerging eco-technology to replace traditional cleaning and dredging by dramatic reduction of manpower, safety risk, time and cost.



Product



CREBO SD9

Service Robots

Brand : Zeta Crezen Co., Ltd.

Model : CREBO SD9

Features : Platform with Maxon BLDC motors / Triangular chassis with 160mm ground clearance / Ø 100mm nozzle with lifting, swing & excavation / Built-in front HD resolution camera / Dimmer LED light

Applications : For heavy-duty dredging sites for sand and shells / For culvert, intake structures, wastewater plant

Options : Self-floating / submergence / Extension tether cable 40m

The background features a series of vertical bars of varying heights and widths in shades of gray and white. In the bottom right corner, there are several diagonal gray bars.

Robotic Parts



Company

CEO : Hyouk Ryeol Choi / Yoon Haeng Lee

Address : 5F, 12-20, Simin-daero 327beon-gil, Dongan-gu, Anyang-si, Gyeonggi-do

Homepage : www.aidinrobotics.com

AIDIN ROBOTICS Inc. is a robot company that started from the Robotics Innovatory laboratory in School of Mechanical Engineering at Sungkyunkwan University. Based on the 'field sensing technology' accumulated since 1995, we are researching and developing new sensors. Prevent accidents that occur between people and industrial/collaborative robots due to current technological limitations.



Product



Miniature 6 axis F/T Sensor (20N)

Robotic Parts

Brand : AIDIN ROBOTICS

Model : AFT20-D15

The world's smallest 6-axis force/torque sensor

A sensor mounted on the tip of a gripper to measure force when gripping an object or used for control to hold an object without breaking it. Applicable to VR, haptic devices, and medical fields

Excellent environmental resistance 4kV discharge immunity test passed CE, KC, FCC, RoHS certification



AIM



Company

CEO : SHIM, HOUN

Address : 27, Dongtancheomdansaneop 1-ro, Hwaseong-si, Gyeonggi-do

Homepage : www.aim-fa.com

AIM develops and manufactures futuristic machines, including robots designed for human assistance. We enhance competitiveness by developing and supplying innovative production machines. These machines are developed from top-notch professionals and then deployed in factories. By providing solutions that enable robots to hold different parts, we supply smart manufacturing standardization so that robots could be deployed for various products.



Product



ROBOEYE Robotic Parts

Brand : AIM

Model : ROBOEYE

Robo eye is an intelligent industrial vision system.

The parts detection and image processing system controls the flexible feeder and hopper (mass storage device), while providing an integrated environment compatible with industrial robots.

The controller integrates peripheral devices such as camera power, lighting power, and hopper control into a single equipment.



ARGOS VISION



Company

CEO : Ki-Yeong Park

Address : 8-7 Yuseong-daero 1689beon-gil, Yuseong-gu, Daejeon

Homepage : www.argosvision.com

ArgosVision is a startup leading innovation in intelligent robotics with its panoramic 3D vision sensors. ArgosVue, a world-first 3D sensor offering a human-like wide field of view, detects obstacles and road surface irregularities, enabling robots to navigate various environments. It also recognizes full-body movements of individuals within 50 cm, enhancing human-robot interaction. Founded in 2020 by CISS researchers, ArgosVision won the grand prize at the 2021 K-Global Startup Competition and became an honoree of the CES 2023 Innovation Award. ArgosVision helps robotics companies to create smarter robots with its advanced panoramic 3D vision sensor technology.



Product



ArgosVue Developer Kit

Robotic Parts

Brand : ArgosVision Inc.

Model : DK-TX2

ArgosVue Developer Kit is a panoramic 3D vision AI device designed for developing autonomous navigation and human-robot interaction technologies for smart robots. It provides a 3D depth map and point cloud with a human-like wide field of view and includes an integrated AI processor. This enables rapid development of robot vision systems utilizing panoramic 3D vision and cutting-edge vision AI technologies. It also supports ROS for quick integration with robots.



AUTOCON SYSTEM



Company

CEO : JangCheol Park

Address : 1-1501~5, 2-512, Ace-Dongbaek TW, 16-4, 16Beon-gil, Dongbaekjungang-ro

Homepage : www.autoconsystem.co.kr

Established in January 2003, our company specializes in process automation. We supply temperature control systems for semiconductor and display equipment to leading domestic firms. We provide continuous line control systems using PLC and motor drives for industrial processes. In robotics, we design and manufacture automated machines with industrial and collaborative robots, managing installation, test runs, and safety certification. Our team is dedicated to enhancing customer value with craftsmanship and excellent service. We supply and test products from brands like Eurotherm, AE, Pilz, Osensa, Control Techniques, Universal Robot, Onrobot, and Siemens. Meet Autocon System, committed to maximizing customer value with top products and technical services.



Product



PHC PILE mold bolt automatic assembly AI system Robotic Parts

Brand : AUTOCONSYSTEM

Model : -

PHC PILE AI robot bolt assembly automation system

PHC PILE robot bolt assembly robot automation

Automation of PHC pile mold bolt assembly after AI vision bolt recognition

Automatic recognition of PHC PILE mold size

Automatically adjusts conveyor speed and adjusts assembly speed according to mold position

automatic oil injection

Bolt assembly and disassembly using conveyor tracking



BAUM NEW TEC



Company

CEO : Shin Young-hwan

Address : #902-903, 555, Byeolmang-ro, Danwon-gu, Ansan-si, Gyeonggi-do

Homepage : baumnewtec.com

We offer high-speed, heavy-duty, high-precision drive system components with excellent products from Germany and Switzerland.

We have contributed to product quality improvement and cost reduction through discussions on specifications with concept reporters.

We will do our best to provide better products in the future.



Product



LCD

Robotic Parts

Brand : LEADER HARMONIC

Model : LCD

By reducing the overall height of the harmonic gear and adopting a structure with higher tooth surface force, the meshing friction caused by unnecessary gear height is minimized. This increases the life of the harmonic reducer by 20-30% and allows for higher torque transmission. The wider tooth width and increased gear gap reduce the risk of gear breakage. Additionally, the Flexline (Flexesplin) experiences low strain, significantly increasing its lifespan. The specific pressure on the gear surface is kept low due to the reduced gear height, enhancing durability and performance.



BOARDTECH & DAVID



Company

CEO : Choi Chul-woong

Address : 103, Bukhang-ro 193beon-gil, Seo-gu, Incheon

Homepage : www.davids.co.kr

BOARDTECH & DAVID was founded in 2000 and specializes in CNC/laser sculptors and laser marking machines.

With our expansion/relocation to Wonchang-dong, Incheon in 2019, we succeeded in establishing a practical/economical line with its re-organization. We are targeting to maximize our business power by broadening distribution to overseas markets.

CNC sculptors can process materials such as plastic, wood, acrylic, and brass, while laser sculptors can laser-cut and imprint paper, leather, acrylic, and wood.



Product



CNC Engraving Machine

Robotic Parts

Brand : BOARDTECH&DAVID

Model : TOOLI-69

TOOLI-69 : Table Integrated CNC Machine

Aluminium integral bed / 2.2KW (24,000 RPM)

TOOLI Hand Controller / Easy Servo Motor

LM guide+ Ball screw type / Air-Cooled Spindle / Workspace 650*900*90mm



BON SYSTEMS



Company

CEO : Kim, Chang-Hyun

Address : 5-15, Gamgye-ro 156beon-gil, Buk-myeon, Ulchang-gu, Changwon-si

Homepage : en.bonspeedreducer.com

In response to the evolving 4th industrial landscape, Bon Systems Co., Ltd. initiated research and development on reducers in 2018. With the rise of automation and AI, there's a growing demand for reducers, vital in robotics.

Leveraging our BSR series known for durability, high torque, and compactness, we're crafting tailored solutions to meet diverse customer needs. Our focus remains on advancing decelerator technology to align with industry shifts.



Product



BSR(Bon Speed Reducer)

Robotic Parts

Brand : BON SYSTEMS

Model : -

The BSR (Bon Speed Reducer) series, a product of extensive research, features our proprietary cycloid teeth design, ensuring high efficiency.

Known for durability, torque, and customization, it meets diverse industry needs.

With a first-stage deceleration ratio exceeding 100:1, efficiency over 70%, noise below 60 db, and precision around 5 arcmin, it offers top-notch performance.



COMIZOA



Company

CEO : Min Kyung Hoon

Address : 314, Techno 2-ro, Yuseong-gu, Daejeon

Homepage : www.comizoa.co.kr

COMIZOA Co., Ltd. is a research and development company that produces products applied to advanced semiconductor equipment, robots, and industrial automation utilizing domestic technology procured through continuous R&D in motion control, measurement and automation (FA). Our products are mainly used for a control measurement system of semiconductor, LCD/LED equipment, advanced robot control system, and industrial automation equipment of leading domestic and foreign companies. We are simultaneously expanding to products such as IBS (Intelligent Building System)/HA (Home Automation).



Product



COMI-CIEM32

Robotic Parts

Brand : COMIZOA

Model : COMI-CIEM32

Compact controller with a 3.5" form factor and EtherCAT master based on x86
 Supports all operating systems supported by existing x86 platforms such as Windows and Linux; Reusability of existing programs
 Superior scalability and easy specification change compared to embedded controllers
 Low heat and reliability with low power processors
 Reduced effort in curtailing the quantity of upper controllers for cost reduction
 Minimize storage space



CYG BOT



Company

CEO : Lee, Hyun-min

Address : #1005, 118, LS-ro 116beon-gil, Dongan-gu, Anyang-si, Gyeonggi-do

Homepage : www.cygbot.com

Cygbot researches sensors that recognize 3D environments and provides information to robots that recognize space. 3D Depth Sensor We develop sensors that recognize three-dimensional space by ourselves, and we can build 3D depth sensors for their purpose. 3D depth sensor can be applied to areas such as 3D object recognition, face recognition, gesture recognition, SLAM and VR/AR. We are researching various application devices and mobile robot using recognition sensors that include our developed.



Product



2D/3D Dual Solid State LiDAR

Robotic Parts

Brand : CYGBOT

Model : 2D/3D Dual Solid State LiDAR

The next-generation CyLiDAR is a 2D/3D Dual Solid-State ToF LIDAR, ideal for industrial robots, service robots, AGVs, robot vacuum cleaners, and automatic doors. It provides 2D and 3D point cloud data for mapping, localization, navigation, and obstacle avoidance. The new CygLiDAR D2 has a 2D detection range of up to 7 meters and a 3D range of up to 2 meters with 1% accuracy (1 cm error). Its 120° field of view covers areas for obstacle avoidance and mapping. The sensor measures 3D depth and amplitude data simultaneously and supports 2D SLAM solutions for robot systems.



DA CELL



Company

CEO : Shin Hyeung Kyun

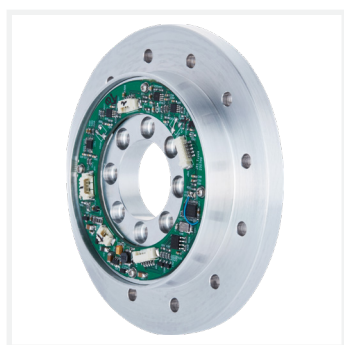
Address : 37-9, Cheoksan 5-gil, Nam-myeon, Seowon-gu, Cheongju

Homepage : www.dacell.com

DACELL CO.,LTD specializes in high-density torque sensor, load cell, and indicator manufacturing. In particular, we are devoted to the development of new load cells and torque sensors while making utmost efforts to improve product quality. Based on 30 years of accumulated technical expertise, we produce 70 kinds of products ranging from 100g to 1,000 tons. Specifically, we design and produce load cells/torque sensors catered to the user's demands. Furthermore, we are developing torque sensors for robots used in cooperative robots. DACELL's products have been exported to more than 40 countries around the world, including the United States, Russia, Germany, India, Thailand, Malaysia, the Czech Republic, and Jordan, and are recognized for their quality.



Product



Robot joint torque sensor

Robotic Parts

Brand : DACELL CO.,LTD

Model : TCN100

The Robot Torque Sensor is designed for collaborative robots, providing precise torque measurement in both directions.

It is tailored to customer needs, easy to apply, compact, easy to install, and customizable.



DAINCUBE



Company

CEO : Kim, Geun-youn

Address : 401-701, 655, Pyeongchon-ro, Wonmi-gu, Bucheon-si, Gyeonggi-do

Homepage : www.daincube.com

We, DAINCUBE Inc. supply 3 essential parts of industrial Robot Controllers. These are Teach Pendants, Robot Motion Controllers and Safety Controllers (Safety PLC). We have developed “Motion Controllers” based on “EtherCAT” which is safer, more efficient and more convenient for users. In addition, we have been supplying more than 2,000 units to companies that use various industrial robots and equipment in both domestic and overseas markets.



Product



Robot Motion Controller

Robotic Parts

Brand : DAINCUBE

Model : DTP7H-coreCon

DTP7H-coreCon connects Teach Pendant and robot controller.

It is an integrated product. It is a high-performance ARM Cortex-A9 processor.

CoreCon, a real-time operating system and robot control integrated S/W

Installed, and the EtherCAT Master platform

Various EtherCAT servo motor drivers and I/O

It can be controlled in real time.



DR DRIVE



Company

CEO : Kang, Sung-Min

Address : #407, Venture-dong, 22, Changwon-daero 18beongil

Homepage : www.drdrive.kr

DR DRIVE specializes in the production, research, and development of high-precision reducers, which are crucial in robots, accounting for about 40% of production costs. Our innovative reduction technology produces strong power (torque) in a compact size and aims to reduce reducer costs to less than 1/10 of the current price. We focus on designing, manufacturing, and developing new reducers through continuous technological advancements. Our goal is to create small, lightweight, high-strength reducers that offer high efficiency and performance. With ongoing research and development, DR DRIVE is dedicated to integrating robots seamlessly into people's lives.



Product



DR DRIVE REDUCER

Robotic Parts

Brand : DRdrive Co., Ltd.

Model : DRP series

1. Realizing the optimal reduction ratio (1:17 to 1:25) for the first-stage gear structure of logistics robots.
2. A product that offers the same stability as a typical planetary reducer, but with a reduced length and weight by half.
3. Applied to logistics robots (AGV, AMR), and future eco-friendly mobility.



DYNAMIC CARE



Company

CEO : Songkwang Koo

Address : Garden Five Works BF1064, 52, Chungmin-ro, Songpa-gu, Seoul

Homepage : www.dynamiccare.co.kr

Scientific and systematic sports by building sports tech

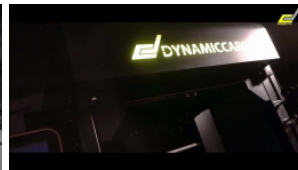
"Professional personalized health care service"

Dynamic Care is based on scientific technology,

It is a company that systematically designs health.

To individuals through these technologies and data

We provide the most suitable health care service



Product



PL-300K1W

Robotic Parts

Brand : Dynamic Care

Model : PL-300K1W

Bar mode 300Kg

150Kg of wire on one side

ECO-MOTOR

ECO-MOTOR



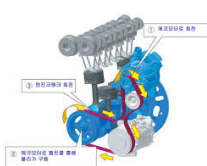
Company

CEO : Nam, Seok Woo

Address : 806ho, 14, Gasan digital 2-ro, Geumcheon-gu, Seoul

Homepage : www.eco-motor.co.kr

Ecomotor is an 11-year-old BLDC motor manufacturer with profound experience in producing on-demand motors for various users. As a market for unmanned robot is growing rapidly, we are becoming the driving force behind manufacturing and selling motors that operate unmanned robots.



Product



WHEEL BLDC MOTOR

Robotic Parts

Brand : ecomotor

Model : EWP750D2-BEL3

BLDC abduction motors can use larger magnets than general motors,so they can exert great power even in small sizes,and they are manufactured in direct connection with a speed reducer,reducing unnecessary space,greatly reducing the length of the entire product and reducing the structure of the transfer robot. The result is greatly improved,and it is strong against noise with 1024 pulse line drive method with built-in position detector. A brake can be installed to prevent slipping on the road surface,and the optimal driving algorithm can be implemented by the quiet design of the motor.



ERAETECH



Company

CEO : CHO SAM HWAN

Address : 131, 304-HO, Gasan digital 1-ro, Geumcheon-gu, Seoul

Homepage : www.erae-tech.com

Eraetech is a motion controller company which has provided the key part of automatic system products, such as stepping motors, servo motors, drivers and controllers.

With a variety of experiences and know-hows in motion controller business over 30 years, Eraetech manufactures and provides their products to a lot of customers in different areas including semi-conductor, medical equipment. Eraetech has business with automatic companies that have partners all over the world.

Eraetech has been growing up to one of the leading motion controller companies in Korea. The specialists in Eraetech serves technical supports and develops the amazing products that are able to change the world.



Product



UNICE Robotic Parts

Brand : ERAE-TECH

Model : UNICE-500

UNICE SERIES is an In-Built system with a built-in driver, minimizing wiring and miniaturization. A BLDC motor is applied to achieve high torque and high speed, and it is made to be easier to access by lowering the price compared to other companies.

1. Compact size unit
2. PID SERVO CONTROL function realizes smooth operation
3. Application of FULL Closed-Loop BLDC motor and linear actuator
4. Efficient space utilization and diverse usage



FAS TECH



Company

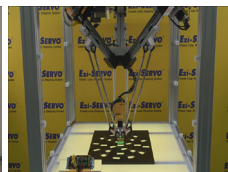
CEO : SONG JIN IL

Address : Bucheon Techno-Park, 655, Pyeongcheon-ro, Bucheon-si Gyeonggi-do

Homepage : www.fastech-motions.com

There are a total of 10 types of FASTECH's EtherCAT products, Closed Loop Stepping system, I/O module, Open Loop Stepping system. Thus, we provide EtherCAT total solution.

1. CiA 402 Drive Profile support
2. Cyclic Synchronous Position Mode (CSP) / Profile Position Mode(PP) / Homing Mode(HM)
3. Minimum Cycle Time : 0.25[msec]
4. Conformance Test Completed by ETC(EtherCAT Test Center)
5. Completed Conformance test with Major EtherCAT Master(Strength of FASTECH)



Product



Ezi-SERVO HS

Robotic Parts

Brand : FASTECH Co., Ltd.

Model : Ezi-SERVO-HS-EC-60L-A

Hollow Shaft Type Closed Loop Stepping System

1. Cables or pneumatic tubes can be installed through the hollow shaft
2. Hollow shaft motor with High Resolution Encoder (10,000,20,000[ppr])
3. Compatible with the various networks (EtherCAT, Ethernet, CC-Link, etc.)
4. 20,28,35,42,56,86[mm] Motor Line-up



GAUSS LAB



Company

CEO : LEE JEONG KEUN

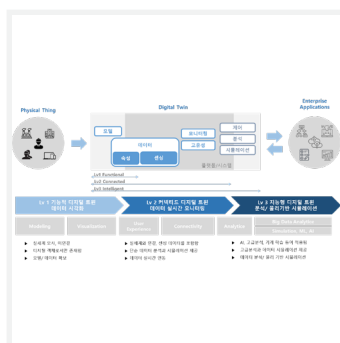
Address : #201, 2F, 32, Cheonancheon 4-gil, Seobuk-gu, Cheonan-si, Chungnam

Homepage : www.gausslab.co.kr

GAUSSLAB Co.,Ltd. is developing an augmented reality(AR) visual inspection solution for the ICT device in a CAD/CAE-based smart factory. In addition, we are developing CAD/CAE-based industrial design AR solutions and IoT sensor measurement equipment for the energy/resource industry. The industrial AR visual inspection service visualizes digital information and connects sites and offices. The core function is an industrial facility inspection/augmented reality (AR) solution that can be utilized in the energy/resource industry and in facilities such as manufacturing and heavy-indsutry industries.



Product



Gauss Lab
Robotic Parts

Brand : Gauss Lab
Model : Gauss Lab

Gauss Labs augmented analysis and interpretation of the invisible information of the world through ICT technology



GGM



Company

CEO : LEE, YOUNG-SIK

Address : 180, Oksan-ro, Bucheon-si, Gyeonggi-do

Homepage : www.ggm.co.kr

Since its establishment in 1979, GGM has consistently focused on manufacturing AC and DC small-geared motors for 39 years. Based on our determination to manufacture the world's best geared motors, GGM has grown steadily into a strong enterprise that has a small but important global presence. The company was recognized as a Global Hidden Champion by the Small and Medium Business Administration for its success in supplying geared motors with low noise, high efficiency, high strength and price competitiveness both domestically and globally (50 countries all over the world) thanks to its continuous technical developments and sound investments.



Product



SEMI DIGITAL SPEED CONTROL

Robotic Parts

Brand : GGM

Model : GUS

Front dial/rotation speed (r/min) display/simple speed control

Variable speed range 50Hz: 200-1430 r/min/60Hz: 200-1730 r/min

Motor speed can be controlled simply by connecting the motor and control unit with a dedicated connector connecting the AC terminal to the power source.



GLOBAL JTS



Company

CEO : SON HYUN JUN

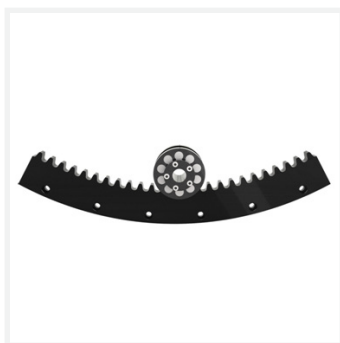
Address : #3103-3105, 70, Songdogwahak-ro, Yeonsu-gu, Incheon

Homepage : www.global-jts.com

GLOBAL JTS Co., Ltd. has implemented "Zero-Backlash" precision by applying "Roller Pinion & Cam Rack" and "Index Drive" with domestic technology. We also supplemented problems with noise and dust caused by Roller Type. There are numerous cases of applications to domestic/foreign logistics systems such as secondary batteries, displays, and semiconductors, and our goal is to further expand the business to industrial equipment. Furthermore, Global JTS believes in modularizing "Roller Pinion & Cam Rack" to provide better solutions for customers with improved quality.



Product



Inner Gear Ring & Roller Pinion

Robotic Parts

Brand : GLOBAL JTS

Model : TRI Series

Realize 3D align drive through Gonio exercise.

Roller cloud motion, constant bi-directional contact with the roller: high speed drive (3 m/s or higher), abrasion-resistant, noise/vibration reduction with minimal friction, life-time precision, repetition & positional precision, None Backlash with left/right operation, operation based on input signal, reduced Lost Motion when changing direction



HIGEN RNM



Company

CEO : Jaehak Kim

Address : 57, Gongdan-ro 473beon-gil, Seongsan-gu, Changwon, Gyeongnam

Homepage : www.higenrnm.com

HIGEN RNM Co., Ltd., originating from the motor business unit of LG Electronics in 1963 and becoming an independent corporation in 2008, has focused its investment on research and development in the servo motor and EV motor businesses. It is now a specialist company establishing a solid leadership position in the robot and mobility drive module sectors.



하이젠모터

Product



Low Voltage Servo Drive

Robotic Parts

Brand : HIGEN RNM Co., Ltd.

Model : ARES-R/Q

Control voltage DC48V driveable servo drive.

Network communication corresponding to EtherCAT and CANopen, with capacity of 3 models: 100W/200W/750W.

Support for dual feedback function, respond to specified customer requests.



Company

CEO : Jingeun Jeong

Address : 76, Bukhang-ro 32beon-gil, Seo-gu, Incheon

Homepage : www.hsgmotor.co.kr

All employees of HSG are doing their best to provide the best quality to customers and trust with business partners with the mindset that 'customer satisfaction' is the top priority based on the motto 'Sincereness'. In addition, we are doing our best to develop competitive products, creating a system that can produce and deliver high-quality products in the shortest time. HSG develops unrivaled technology in manufacturing industrial geared motors through an autonomous and creative organizational culture and provides the best service to customers.



Product



BLDC Geared Motors

Robotic Parts

Brand : HSG

Model : BLDC Geared Motors

Product Features

1. Minimize vibration and noise
2. Minimize cogging load
3. Protection against heat
4. A variety of drive controller option



JRT



Company

CEO : KANG IN GAK

Address : 72-3, Gwangseung-gil, Cheongbuk-eup, Pyeongtaek-si, Gyeonggi-do

Homepage : www.jrtfa.com

The gripper of pneumatic actuator that JRT developed in 1988 is used in various factory automation fields both at home and abroad for its superb quality. Based on the manufacturing technology accumulated over 30 years, we are actively producing module products using electric drive devices and robots as well as pneumatics. In addition to automation products applied to particular environments such as factories, we also strive to provide various products and solutions that make our lives convenient during the advent of 'contact-less' era, Furthermore, we are preparing for a future in which JRT's automation technology will replace all of labor force's hard, dangerous, repetitive and mundane tasks so that people can focus on more valuable tasks.



Product



Electric Gripper

Robotic Parts

Brand : JRT Co.,Ltd.

Model : JEGH

Strong gripping force, Water Proof (only for cutting oil)
 Compact size, Grip various object, Control stroke, gripping force and speed.
 Check the signal status through operation panel.
 Design for user safety, Release switch for safety
 Select waterproof function.(IP 55)
 Equipped with motor driver
 Cross guide : High rigidity / precise / durability



KLT



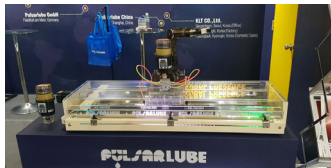
Company

CEO : Yang Yun Jong

Address : #814, Daerung Posttower 6th, 298, Beotkkot-ro, Geumcheon-gu

Homepage : www.pulsarlube.co.kr

KLT Co., Ltd. has established its unrivaled position in the field of automatic grease lubricator for over 20 years, and is preparing to leap forward as a comprehensive lubrication solution provider to provide better service to customers.



Product



Pulsarlube F

Robotic Parts

Brand : KLT

Model : Pulsarlube F

Pulsarlube F is easy to install without additional facilities such as electrical equipment, compressed air lines, etc. It's an easy-to-understand product, so it's a very efficient lubrication device. Transparent, impact resistant containers. The amount of residual grease can be easily identified, and the color code is applied depending on the period of use to facilitate product identification. economic feasibility. Excellent maintenance costs are reduced, and the risk of explosion is low due to the occurrence of a recession-prone gas (N2).

KOBOSYSTEM

KOBO SYSTEM



Company

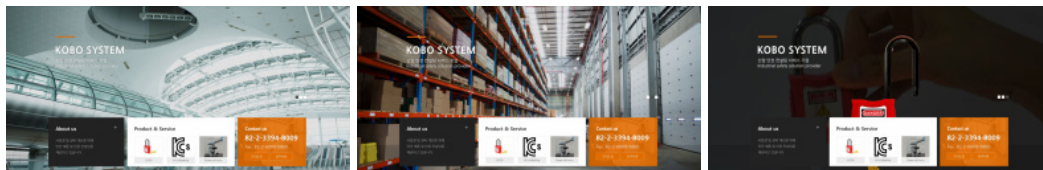
CEO : Dae-Hoon Kim

Address : #619 6th Floor 156, Mapo-daero, Mapo-gu, Seoul

Homepage : www.kobosystem.co.kr

Kobosystem is a leading provider of practical safety and efficiency services that make industrial plants and facilities better, safer and more efficient.

Our experts can help our clients solve the complex and difficult safety issue complied with international standards and with national certificate in real-world solutions.



Product



CoboSafe Robotic Parts

Brand : COBOSYSTEM

Model : CoboSafe-CBSF

CoboSafe is a force and pressure measurement system for inspecting transient and quasi-static forces and pressures on collaborative robots. The easy-to-use system has a modular design and includes force measuring devices, a pressure measurement set and evaluation software to verify compliance with required limit values. A set of several force gauges and pressure measurement sets can be combined as desired.



KOMOTEK



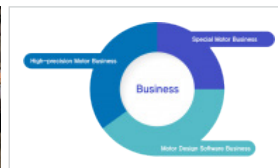
Company

CEO : Joong-seok Yoon

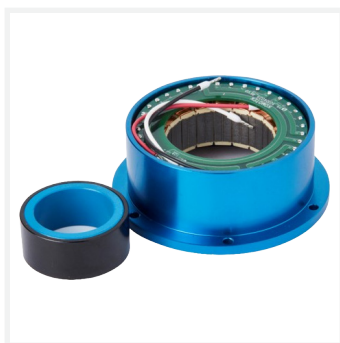
Address : 80,Sajimakgol-ro, Jungwon-gu, Seongnam-si,Gyeonggi-do

Homepage : www.komotek.com

KOMOTEK Co.,LTD is a precision motor company with genuine interest in motors and humanity's happiness and safety. Our KOMOTEK family work under the ideology of "Motorizing Happy Life", with unrelenting passion and creativity to achieve innovation. We are aiming to become the world's best motor company dedicated to leading a happier life for mankind.



Product



Hollow Shaft Servo motor

Robotic Parts

Brand : KOMOTEK Co.,LTD

Model : Hollow Shaft Servo motor

1. Output : 100 to 900W
2. Size : Ø56 ~ Ø110
3. Rated speed : 2500 ~ 5000 rpm
4. Features :
 - Proper structure and traits for cooperative robots
 - Low cogging torque/torque ripple
 - Motor shaft hollow diameter subject to adjustment.



KYENG



Company

CEO : WON KYUNG HUN

Address : 407, 4F, Gyeonggi Venture Center, 27, Bucheon-ro 136beon-gil, Bucheon-si

Homepage : www.qcmanager.net

KYENG is the leading supplier of various products for the automation and production in Korea of devices that transmit measured values. The measured value automation system blocks errors in advance, automatically traces existing errors, and realigns values. KYENG is continuously improving data quality based on the belief that the precision of measured data is directly related to a company's trustworthiness. KYENG promises to continue providing the best technological services and solutions to enable its clients to smoothly manage their systems and boost their satisfaction. We have continuously upgraded data quality management and consolidated zero-defect patent data of the Six Sigma level to provide the world's best management services.



Product



QC MANAGER multi

Robotic Parts

Brand : KYENG

Model : QC MANAGER multi

The Multi-QC Manager can be connected with seven measuring instruments at once. It is suitable for quality test laboratories and production settings where different measuring instruments are used to determine the length, weight, forces, etc., of a target product. The measurement data can be automatically transmitted by setting the time and the function that allows for automatic measurement of the set order.



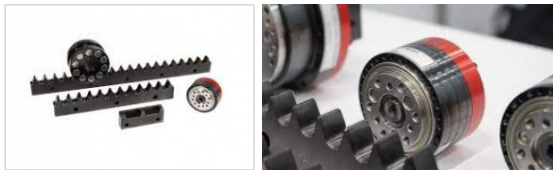
Company

CEO : Minho Ryu

Address : (06372) 209Ho, 4, Jagok-ro 7-gil, Gangnam-gu, Seoul

Homepage : www.matinprout.com

Matinprout has progressed and expanded its business to keep pace with engineering innovations in advanced transmission technology. Matinprout contributes to high quality and optimized solution to customer, who need more sophisticate, higher accuracy in industry. From our tireless efforts in research and through extensive participation in automation and precision machinery exhibitions at home and abroad, Matinprout is not only manufacturing and marketing superior industrial products, but also taking a fresh approach rotatable innovation by feeling the future today.



Product



Rack and Roller pinion

Robotic Parts

Brand : matinprout

Model : KAM

Clean installation possible: Non-lubricating operation possible (if necessary, the amount of surface protection film is sufficient). High efficiency: Minimize sliding friction and perfect rolling contact. High productivity: low inertia, high rigidity, high force. Various selection: Unlimited various capacities and application lengths. Low-noise drive: perfect rolling contact, minimal sliding contact, minimal irregular movement. High positioning precision: Minimize backlash and vibration, preload can be applied. Easy to use: Minimize user preparation, eliminate floating point movement.



MODOO SOLUTION



Company

CEO : JUNG ChungGu

Address : #2002,67 Gasan Digital 2-ro, Geumcheon-gu,seoul, (Ace High-end tower 7)

Homepage : www.modoosol.com

With the cutting-edge technology/know-how along with experience with leading domestic customers, Modoo Solution Co.,Ltd provides holistic solutions: from design to management all integrated into one. The major business areas of Modoo Solution Co.,Ltd includes CAD/PLM systems for design and management, IoT/AR platforms and software development for manufacturing industry. The CAD system focuses on sales, technical support, and consulting of highly cost-effective 2D CAD(GstarCad) and the CREO(PTC), and a powerful&efficient 3D CAD. Other major businesses are development of PLM systems, IoT/AR platforms, and manufacturing.



Product



GstarCAD Robotic Parts

Brand : -

Model : GstarCAD

GstarCAD is well-known alternative CAD (computer-aided design) software of high compatibility with ACAD. With 30 years of continuous improvement and lean innovation, today GstarCAD is far ahead in performance, stability and other key indicators and becomes leading CAD software in the world.



공장자동화 컨설팅 전문 기업
주식회사 엘피텍

MOTOR LPT



Company

CEO : Park Hyung-soon

Address : B107-69, Engineering Building 5, Hanyangdaehak-ro 55, Ansan-si

Homepage : www.motorlpt.com

LP Tech has grown steadily with our customers by challenging new technologies based on many engineering experiences in industrial lasers and applying them to equipment and developing them. We promise that we will do our best to make LP Tech that can grow together by providing our customers with the best competitiveness with the best technology. LP Tech will always be with customers and pursue customer satisfaction with best value.

Thank you.



Product



Gripper Robotic Parts

Brand : LP Tech

Model : Gripper

A gripper for box packaging that can be loaded in the box without the lid of the container coming off when holding the product in the box packaging line of the production plant



MY ROBOT SOLUTION



Company

CEO : Minkyo Kim

Address : 542, Yeoksam-ro, Gangnam-gu, Seoul

Homepage : www.myrobotsolution.com

Development and operation of 'My Robot Solution', an online platform for robot automation (www.myrobotsolution.com)

'My Robot Solution' is a comprehensive platform providing an integrated solution including acquisition, purchase, and construction of all the information needed to review robot automation. Through robot automation, companies in manufacturing&service sectors that promote business stability and continuous growth can easily search for the desired process and even apply for matching based on robot automation success video.



Product



AI palletizing solution whit Hyundai YS140

Robotic Parts

Brand : Bigwave Robotics

Model : AI palletizing solution whit Hyundai YS140

This solution utilizes 2 sets of Mech Mind 3D Vision and a Hyundai YS140 to place boxes of various sizes on a pallet.

It sorts and loads the boxes according to size and transfers the finished boxes to the conveyor.

Palletizing and depalletizing even if various product boxes are mixed using 2 sets of 3D vision with excellent cost performance

Work can be performed stably.



POLARIS 3D



Company

CEO : IN VEOM KWAK

Address : #702, 87 Cheongam-ro, Nam-gu, Pohang-si, Gyeongsangbuk-do

Homepage : polaris3d.co

Although the need&demand for autonomous driving technology has intensified owing to declining population and the COVID-19, it was not easily accessible due to time/cost constraints. However, Polaris3D Co., Ltd. owns the world's only autonomous driving technology with a self-developed module called a solution that is immediately applicable to various industries. Not only have we succeeded in lowering module prices to a reasonable level compared to other robot products, but we have also linked our scalable system to a wide range of domestic/foreign robot bodies. Consequently, we played a major role in driving the rapid growth of the indoor autonomous-driving market. In addition, we are applying the technology to outdoor fields, aiming to pre-occupy the platform in the 'last mile field'.



Product



KEPLER Robotic Parts

Brand : Polaris3D Co., Ltd.

Model : KEPLER

* Please check the attached file(Catalog) for details.

Dimensions(W x H x D): 173 x 175 x 119 mm

Weight: 680g

Laser Sensing Range: 80m

Laser Sensing Error: ± 30 mm

Communication interface: RJ45 Ethernet

Power Consumption: 36 Watts (maximum)



QRS



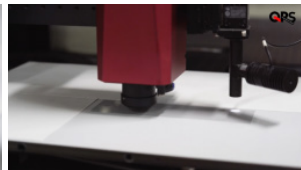
Company

CEO : Hwang, Nam-Goo

Address : 41, Gunpocheomdansaneop 2-ro, Gunpo-si, Gyeonggi-do

Homepage : www.qrsystem.co.kr

QRS was established in 2015 and provides SW programs to several domestic and foreign companies. Vision systems and laser equipment services are also provided. Like the name of the company, we are responding promptly to customer satisfaction.



Product



3D Vision Robotic Parts

Brand : QRS

Model : Q3D-IS / Q3D-OS

Locking nut bin picking system using 2D & 3D vision



ROBO BIZ CORE



Company

CEO : Bang, Sang-Seok

Address : A-1006, SangDaewon-Dong, GeumGang Penterium IT Tower

Homepage : www.robobizcore.com

RoboBizCore is a supplier of high-precision servo motors and servo drives that are core drive modules applied in various industries ranging from robotics, logistics a-utomatic, semiconductors and display equipment. Based on its experience in the development and application of drive modules in factory automation, electric vehicle powertrain, and manned bipedal robot, the company provides globally competitive solutions essential to the robotics and manufacturing industries.



Product



Servo Drive

Robotic Parts

Brand : ROBO BIZ CORE

Model : RD3

Servo Drive EtherCAT based servo drive with optimized MMI function including compact, high-precision autotuning.



ROBO CUBE TECH



Company

CEO : Kim Young Seok

Address : M-1504, Byeollae Paragon-Square, 249, Sunhwagung-ro, Namyangju-si

Homepage : www.robocube.co.kr

Production Robots and Robotic Components to the digital motor control applications and has entered the field of automation control equipment.



Product



Robot Modules

Robotic Parts

Brand : ROBOCUBETECH

Model : Focus&Shutter/Zoom&Focus

1. Focus&Shutter and Zoom&Focus USB Camera
2. 640 x 480 pixel, Image Resolution
3. 30 fps, Frame Rate
4. RS232, RS485, CAN
5. USB 2.0, Image Data Interface



Company

CEO : Kang, Duk-Hyun

Address : 38, Jinwisandan-ro, Jinwi-myeon, Pyeongtaek-si, Gyeonggi-do, Korea

Homepage : www.rsautomation.co.kr

RS Automation is an automation equipment-specialized company newly launched in January 2010. We are built on 30 years of business experiences with global companies, including Samsung Electronics and Rockwell Automation. We launched intelligent, high-precision robot motion controllers based on a smart factory total solutions system. With the know-how accumulated over the years, we hope to differentiate ourselves to our customers. RS Automation promises to deliver consistent quality, competitive price, and hands-on service to our customers.



Product



D8 Series Robotic Parts

Brand : RS Automation Co., Ltd.

Model : D8_220BDN1, D8_AA0BDN1

D8 Series is a high performance general purpose servo drive with a capacity range of 200W to 1kW. It is an EtherCAT exclusive type and support 2-axis and 3-Axis models. Adopt high-speed DSP, increase equipment productivity with 2.5kHz high-speed response frequency and high-performance Smart Tuning algorithm, reduce installation space, minimize cable wiring, reduce equipment design flexibility and design time and We have realized the convenience of maintenance.



SBB TECH



Company

CEO : Ryu jae wan, Song jin woong

Address : 22, Gimpo-daero 2918 beon-gil, Wolgot-myeon, Gimpo-si, Gyeonggi-do

Homepage : www.sbb.co.kr

SBB TECH succeeded in localizing balls for ballpoint pens fine ceramics, ultra-thin bearings, and precision reducers SBB TECH is now taking a leap to be one of the global top 3 companies specializing in ultra-precision power transmission products.



Product



ROBO DRIVE

Robotic Parts

Brand : SBB TECH

Model : ROBO DRIVE

It has high precision position control, high speed reduction ratio, small size and light weight, and low noise. It is applied to major industrial fields such as robots and machine tools that require such characteristics, and improves product performance.



SEEN GRIP



Company

CEO : Ha Young Youl

Address : 17-307B, Daehwa-ro 160, Daedeok-gu, Daejeon 34368

Homepage : www.seengrip.com

Electric Gripper specialized Startup Company

Founded by a 25 year experienced Robot Specialist

Provide Standard Products & Custom Solutions

Own Technology and Facilities for Manufacturing Gripper Parts and Testing



Product



Premium Robot Electric Gripper

Robotic Parts

Brand : SeeNGrip Inc.

Model : Optimum Type R

Energy Efficient + Light Weight → Multi Grippers on a Single Robot

High Force Repeatability → Under 5% Stdev Error

Detectable → Size & Softness

Plug into Flange & Operate with Robot Pendant → Universal Robot, Rainbow Robotics, Doosan Mate



SEIN FLEX



Company

CEO : CHANGSOOHAN

Address : 68, Anyangcheongdong-ro, Dongan-gu, Anyang-si, Gyeonggi-do

Homepage : www.seinflex.com

We express our deep gratitude for your support of KSM (Korea Special Materials). Since 1995, KSM has focused on innovative magnet technology, crucial for the automobile, cylinder, PC, speaker, and electronics industries. In 1998, we successfully developed Isolator & Circulator and Switchable Combiner & Divider for magnets and communication parts. As Korea's leading magnet manufacturer, we strive to enhance your products and profits. We value your feedback and are committed to serving you to the best of our ability.



Product



Magnetic Encoder

Robotic Parts

Brand : SEINFLEX

Model : -

About the Encoder

Axial Type Magnetic Absolute Encoder

Precise Magnetization Technology

Achieved to Complete 128/126, 64/62 Poles magnet for Encoder

SeneS Technology Co., Ltd.

SENEs TECHNOLOGY



Company

CEO : Gui Ju Lee

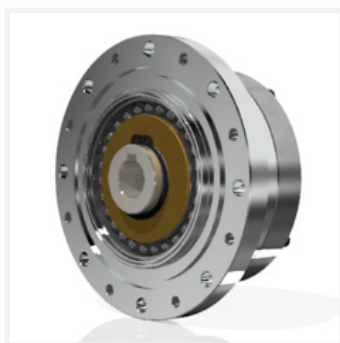
Address : 106, Iyeo-ro 341beon-gil, Baeksa-myeon, Icheon-si, Gyeonggi-do

Homepage : www.senestech.com

Since the establishment in 2004, not only RFID Tag's production but also our continuous investment and research have succeeded in localization of production equipment and its export to Southeast Asia, winning recognition for excellent quality. Utilizing the researchers' profound experience and expertise, we have introduced a compact 6 axis multi-joint industrial robot series (Robo 001/003/005/010/015) and a high-quality Zero Back Drive(Harmonic drive).



Product



Zero-back Drive

Robotic Parts

Brand : SeneS Technology Co., Ltd.

Model : CS Series

CSA(G) Component Type, Unit Type, CSD Type & Various models of deceleration are available.



SEWOO MOTOR



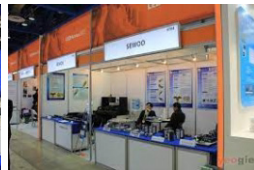
Company

CEO : Kang Junsu

Address : 17, MTV 12-ro 22beon-gil, Danwon-gu, Ansan-si, Gyeonggi-do

Homepage : www.sewoomotor.com

We have been manufacturing industrial DC motor since 1995, and extended its business to BLDC, and Linear motors. We have been selected as Korean government sponsored project leading company quite number of times, Based on those projects, we have achieved professional knowledge, and manufacturing know-how



Product



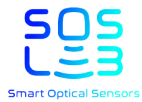
Linear motor

Robotic Parts

Brand : SEWOO

Model : Linear motor

LINEAR MOTOR : Rotation of rotary servo motors is improved by direct drive motors, which can be used for precision control of FA equipment, such as semiconductors, equipment, etc., and produce 50 different types of models. In other words, most motors are rotary motors, but in many industrial applications, linear motion is frequently used, not just rotary motion but also linear motor vehicles that allow direct linear motion in motors without other additives.



SOS LAB



Company

CEO : Jung, Ji-Sung

Address : #303, 123 Cheomdangwagi-ro, Buk-gu, Gwangju

Homepage : www.soslab.co

SOS LAB provides proprietary LiDAR(Light Detection and Ranging) sensors. LiDAR is a remote sensing method that detects the distance from objects by using light. The advantage of using LiDAR is having a high resolution as it uses the straightness of light. In addition to distance, LiDAR can be used in various fields as it recognizes the different objects' movements and speed precisely. Our high-quality 2D, 3D LiDAR sensors will make autonomous vehicles, industry, robotics, and a smart city much safer at a reasonable prices.



Product



ML Autonomous Driving & ADAS

Robotic Parts

Brand : SOS LAB

Model : ML

ML Autonomous Driving & ADAS

The solid-state LiDAR for automotive.

This perfect solid-state LiDAR is consisted of custom-designed high-power VCSEL, micro lens and SPAD. It is essential for high-level ADAS and autonomous vehicles in terms of performance, price, and size.



SPG



Company

CEO : YOUNG GIL YEO

Address : 45, Cheongneung-daero, 289beon-gil, Namdong-gu, Incheon

Homepage : www.spg.co.kr

It is a great pleasure to introduce SPG Co., Ltd, one of the most fast growing companies in Korea specialized in geared motor manufacturing. To keep pace with globalization and move closer with various customers Sungshin has been renamed SPG. SPG is trying continuous efforts to improve cost competitiveness and quality competitiveness.



Product



Planetary Gearheads

Robotic Parts

Brand : SPG Motor

Model : SPIH Series

Application of Helical Gear
Small, lightweight, compact design
High precision, high rigidity
High efficiency
Easy installation on various motors
Wide range of reduction gear ratios (1/3~1/100)

SURESOFT

SURESOFT TECHNOLOGIES



Company

CEO : Bae Hyun Seob

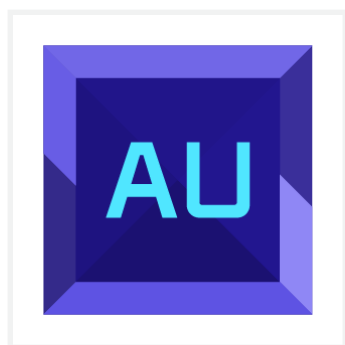
Address : 37, Geumto-ro 80beon-gil, Sujeong-gu, Seongnam-si

Homepage : www.suresofttech.com

Suresoft Technologies Inc. is the only software company in Korea that has successfully developed and commercialized its own technology in the field of software testing automation, and provides solutions for cybersecurity, virtual/simulation verification, and AI & BIG DATA, including test automation tools and verification services for software safety verification in the Mission-Critical (high-trust) industry. Under the vision to create a safer world with software, we are trying to contribute to the software industry with social responsibility.



Product



Simulation Verification Automotive Solution Robotic Parts

Brand : Suresoft Technologie

Model : AUTOSIM

"AUTOSIM" is a service that reduces costs, time, and safety risks of real-world tests through simulation verification.

1. Uses Digital Twin for real-world test virtualization
2. Offers tools/services/references for creating applicable virtual environments and scenarios
3. Provides tools/services for fault detection and validation data analysis via test simulations
4. Applies FMI interface for integration with controller/dynamic models used in real products



Company

CEO : Kang Ok-nam

Address : 2nd floor, 49 Sandan-ro, Danwon-gu, Ansan-si, Gyeonggi-do

Homepage : www.testonic.co.kr

TESTONIC succeeded in developing AirMax through the sustainable R&D as part of green industry. The world now suffers from global warming and abnormal weather conditions, which cause an illness due to the new types of virus, and the increasing of yellow dust, a natural result of desertification, cause enormous trouble to the healthy life of the world's population. We are confident that our development, Airoin, would be installed at the entrance to block various germs, fine dust and harmful substances that come indoors for a pleasant indoor environment. We will also further strive for developing better products.



Product



Air curtain

Robotic Parts

Brand : Testonic

Model : Air curtain

AIRMAX-AIR curtain, installed on both sides of the entrance, strongly releases the air in both directions and blocks the air flow coming from the outside to prevent from fine dust and harmful germs that come from the outside as well as to reduce thermal losses in cooling and heating. In addition, it prevents inflow of smell, dust, and small insects, such as mosquito and mayfly. With a micro filter, it releases purified air.



THOMAS CABLE



Company

CEO : Hojun Sung

Address : 206 Yecheon 3-gil, Ochang-eup, Cheongwon-gu, Cheongju-si

Homepage : www.thomas.co.kr

Moving Together Towards Future

A leader in total cables going to a new future together

Pioneer in domestic supply of industrial cables

Customer trust with 30 years of history

Proven quality

Reasonable price

Provide customized service



Product



Clean Room Moving Cable

Robotic Parts

Brand : Thomas Cable

Model : Clean Room Moving Cable

Specially Developed TPE 840 Material

Numeric Core

Copper Wire Braiding Shield



Magnetic Robot Tool Changer

UND



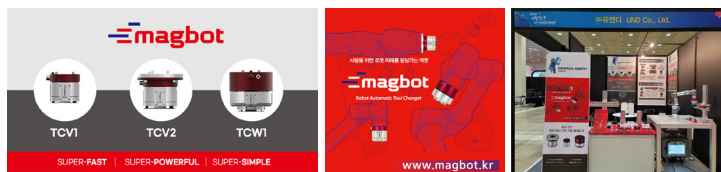
Company

CEO : Lee, Cheol Su

Address : B310ho,350-27,Gumi-daero,Gumi-si,Gyeongsangbuk-do

Homepage : www.magbot.kr

UND Co., Ltd. succeeded in the world's first commercialization of the robot automatic tool changer with its 'MACBOT' brand, an essential robot product for automation and unmanned operation. UND Co., Ltd. is making substantial contribution to numerous industries(steel, shipbuilding, and automobiles,etc) by adopting a factory system based on an Hyundai's award-winning magnetic technology. By integrating innovative switching magnetic technologies into the robot's automatic tool changer, we target to maximize productivity through fully automated robot operation.



Product



magbot ATC

Robotic Parts

Brand : UND

Model : TCW1

TCW1 is the world's first fully automated,wireless robotic tool changer. It is also the world's leading completely wireless automatic tool changer aiming maximum productivity with a payload of 10kg. It also does not require any form of internal/external power source. These tool-side tool changers(used in conjunction with multiple tools) provides strong scalability and price competitiveness. TCW1 is not only applicable as a tool changer,but also as a magnetic gripper,elevating the customer experience.



VWAY



Company

CEO : ROH KYUNG HYUN

Address : 5F, 243 Pyeonggwang Building, Toegye-ro, Jung-gu, Seoul

Homepage : www.vwaycorp.com

VWAY provides the software tools for teams of all sizes, increasing their productivity and agility as they create safe, secure the robotic products and systems, that are fully compliant to international standards.

Teamer helps to align and accelerate the team project, from development-to-operations (i.e. across the whole product lifecycle) by enabling the industry compliant processes. This DevSecOps product in robotic industry helps for teams to manage the complexity.



Product



Teamer Robotic Parts

Brand : VWAY Co., Ltd.

Model : Teamer

Teamer is an ALM solution complying with standards like ISO 13849, IEC 62061, ISO 10218, ISO 13482, ISO 18646, and ISO 10262. It manages outputs and traceability. Key functions include project schedule management with Gantt charts, Kanban boards, and to-do lists, handling robot safety requirements, hazard identification, and risk assessment. Teamer offers QA and test management, configuration management, and supports traceability through relation rules, matrices, and accurate tracking. It ensures compliance with standards, enhances project and safety management, and improves efficiency.



WINNER



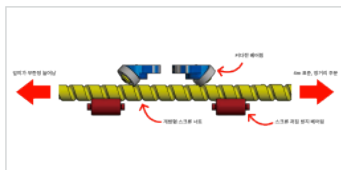
Company

CEO : KIM MI AH

Address : 13 Bidumeokgol-gil, Munmak-eup, Wonju-si, Gangwon-do

Homepage : www.shaft.co.kr

Winner Co., Ltd. specializes in shafts, rollers, and screws, utilizing heat treatment, chrome plating, and precision grinding techniques. They produce 600mm-long shafts with diameters from 4mm to 80mm and various track roller bearings, which move smoothly along heat-treated bars or V-type guides. Winner Co. holds the original Speed Guide technology, combining shafts or aluminum profiles with track roller bearings. They also produce SERO, an economical and compact high-speed gantry robot using a timing belt. Additionally, the Big Ear is an LDL Screw Robot, a high-speed, precision orthogonal robot over 4 meters long, addressing the limitations of existing orthogonal robots and suitable for diverse applications.



Product



BE 125

Robotic Parts

Brand : Winner Co.,Ltd.

Model : BE 125 (X-Y axis, only)

This precision linear robot is an open screw type, ideal for long-distance, high-speed transfers with a payload over 30kg. It features a precision-machined aluminum base and a C5 accuracy grade open screw with a zero clearance big ear nut. A support bearing maintains zero concentricity without needing single machining at the screw's end. For screws over 3000mm, the bearing prevents drooping, allowing speeds up to 10,000rpm even for screws exceeding 4000mm. The robot offers high repeatability within 5μm, ensuring reliable and efficient performance.



WITH ROBOT



Company

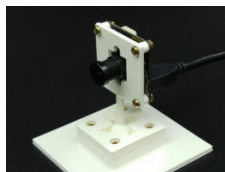
CEO : DO YOON KIM

Address : 28, Beobwon-ro 11-gil, Songpa-gu, Seoul(BK Tower 4th Fl.)

Homepage : www.withrobot.com

With Robot Co., Ltd. is growing as a specialized company in the field of intelligent smart sensors based on the technology accumulated through years of development experience in the field of sensors and embedded systems. We develop and sell various board-type single cameras, stereo cameras, 3D motion and azimuth sensors with our own technology, and provide video system development services.

Also, based on image technology, we are expanding our business area to non-contact biometrics such as faces, fingerprints, and bowel veins.



Product



Rolling Shutter Board Camera

Robotic Parts

Brand : WITHROBOT

Model : oCam-5CRO-U-M

Fast : USB 3.0 super-speed interface.

Low CPU Usage : Direct data writing to main memory via USB 3.0.

Easy : No device drivers required.

Wide Compatibility : UVC compliant, plug-and-play.

Versatile : Changeable standard M12 lens.

Cost Effective : Affordable price among similar grade cameras.

Handy : Protective case with tripod mount adapter.



WON ST



Company

CEO : Lee, Taek Won

Address : 224, Yuram-gil, Paltan-myeon, Hwaseong-si, Gyeonggi-do

Homepage : www.wonst.co.kr

Since the establishment in 1989, WON ST specializes in developing and producing linear and roatry bearings that utilize Ball and Roller as rolling elements.

A foremost pioneer of domestic localization of LM Shaft and Ball Spline, along with WON ST's specialized core technologies such as the analytic capability for rolling and sliding motion, special steel, heat treatment application technology, ultra-precision processing technique, etc.

A leader in the industrial automation parts production through successful localization of numerous products, establishing itself as a Korea's acclaimed company in Linear Motion system.



Product



Conveyor Shaft

Robotic Parts

Brand : WON ST CO. LTD.

Model : Conveyor Shaft

1. Transportation of products while rotating at regular intervals by fixed rollers on a lightweight shaft.
2. Shaft for application to conveyor system for speedy trasnport of super large LCD glass.
3. Substitution for existing SUS products.
4. Weight reduction of a conveyor system.
5. Productivity enhancement and easy maintenance.
6. Applicable field: Display panel production equipment transfer, other equipment.



YUJIN ROBOT



Company

CEO : SHIN KYUNG CHUL

Address : 33, Harmony-ro 187 beon-gil, Yeonsu-gu, Incheon

Homepage : www.yujinrobot.com

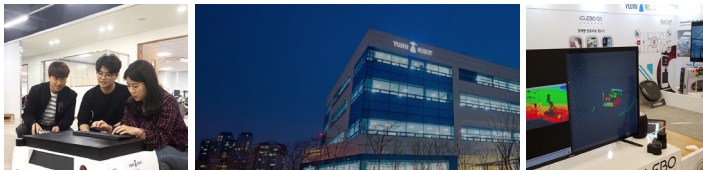
Since our establishment in March of 1988, YUJIN ROBOT specialized in robots.

We've secured top-notch technology in the robotics field.

We've built know-hows in robot product development for the past 30 years.

Our main business areas are

1. At-home robots: cleaning robots, service robots such as logistics robots
2. Robot parts: LiDAR sensors, ANS (Autonomous Navigation Solutions)
3. Robot solutions



Product



AMS SLAM V-100

Robotic Parts

Brand : YUJIN ROBOT

Model : AMS SLAM V-100

Single camera module with Yujin Robot SLAM

1. Mounts at zero degrees for ceiling-based localization
2. Instant repositioning
3. Precise and reliable
4. Compact and cost efficient
5. Ultra-low power consumption
6. Easy installation on any robot

K-ROBOT

DIRECTORY BOOK

Korea Institute for Robot Industry Advancement

Main building
77 Buk-gu Nowon-ro, Daegu, Korea T.053-210-9600, F.053-210-9529

Certification Assessment Center
Nowon-ro 75, Daegu, Korea T.053-210-9618, F.053-210-9539