



DEPARTAMENTO DE INGENIERÍA

ROBOTS / CO-BOTS / AMR

QUASI ROBOTICS

Quasi Robotics was founded in 2017 by a Team of experienced engineers and entrepreneurs from the fields of Life Science, Healthcare and AI.



Quasi is a small company, but with great leadership and commitment to results and customer satisfaction.

Model C2, AMR ROBOT , AUTONOMOUS DELIVERY CART

LxWxH	700 x 450 x 1000mm
Weight no battery	18kg
Weight with battery	23Kg
Max. Payload	25 kg per shelf
Max. Speed	8 Km/h
Navigation	Two-wheel drive, differential
Positioning Mode	Single LiDAR system and stereo vision camera
Communication	WI-FI and bluetooth 5.3
Endurance	12 to 16 hours
Battery type	lithium-Ion w/ BMS
Sensors (optional)	Pressure, Humidity, Gas sensor
Security	LiDAR, Stereo vision camera, 16 ToF and 1024 array IRda
Interaction	Lights, HMI



KEMARO

Kemaro Autonomous Robotics was founded in 2016 in Switzerland by 3 experienced engineers Thomas Oberholzer, Martin Gadiant y Armin Koller with the intention to revolutionize the cleaning in industry



Model K900 AUTONOMOUS CLEANING ROBOT

LxWxH	79 x 72 x 35 cm
Weight no battery	28kg
Weight with battery	32Kg
Max. Dirt Tank cap.	35 L
Cleaning Speed	0.7 m/s
Área de limpieza	1000m ² / hora
Navigation	Two-wheel drive, differential
Positioning Mode	Advanced SLAM via LiDAR and 3D sensor.
Communication	WI-FI hotspot, LTE
Endurance	5 hours fully charge
Battery type	lithium-Ion / 36 V
Security	LiDAR, SLAM and 3D sensor.
Interaction	Lights



LG ROBOTICS

LG Bussines Solutions is part of the big family LG but dedicated to solutions for industry for plants of production to solutions for hotels, restaurants and hospitals, with roots in Korea .



“Bridging connections, caring for the experience, elevating services and commit with greener future” that's that's the Moto of the company

LG CLOi CarryBot - Mounting Type

LxWxH	510x510x1480 mm
with shelf	510x510x1480
with rolltainer	760x510x1480
Max. payload.	30 Kg
Driving Speed	1.2 m/s
Navigation	Two-wheel drive, differential, reverse, turn.
Positioning Mode	ToF, LiDAR, RGBD camera, Magnet
Communication	WI-FI
Endurance	6 hours fully charge
Interaction	HMI, Lights, sounds



LG CLOi CarryBot - Rolltainer Type

LxWxH	510x510x1480 mm
with shelf	510x510x1340
with rolltainer	760x720x1340
Max. payload.	60 Kg
Driving Speed	1.2 m/s
Navigation	Two-wheel drive, differential, reverse, turn.
Positioning Mode	ToF, LiDAR, RGBD camera, Magnet
Communication	WI-FI
Endurance	6 hours fully charge
Interaction	HMI, Lights, sounds



LG CLOi GuideBot

LxWxH	510x1501x510 mm
Weight	80 Kg
Voice / Display	Korea / English
Max. payload.	60 Kg
Driving Speed	1.0 m/s
Navigation	Two-wheel drive, differential, reverse, turn.
Positioning Mode	ToF, LiDAR, RGBD camera, Magnet
Communication	WI-FI, LTE & BT
Endurance	9 hours fully charge
Interaction	HMI, Lights, sounds



LG CLOi ServeBot

LxHxW	560x1370x550 mm
Weight	51 Kg
Voice / Display	Korea / English
Max. payload.	10 kg each drawer
Driving Speed	1.2 m/s
Navigation	Two-wheel drive, differential, reverse, turn.
Positioning Mode	ToF, LiDAR, RGBD camera, Load Cell Sensor
Endurance	11 hours fully charge
Interaction	HMI, Lights, sounds



YOUIBOT

Founded in 2017 by 5 persons, youibot it's now a World-leading automation solution provider.



Youibot provides integrated turnkey robotic solutions for clients across automotive, FMCG, consumer electronics, semiconductors and Warehousing, Trusted by over 250 Clients and 40 local partners across APAC, Europe, America and MENA.

PLATAFORM SERIES Model P200

LxWxH	1020x655x280
Weight	180 kg
Max. payload.	200 Kg
Driving Speed	1.5 m/s
Navigation	Two-wheel drive, network and hybrid.
Positioning Mode	Laser SLAM
Endurance	10 hours fully charge
Battery type	lithium iron phosphate battery
Security	LiDAR, emergency Stop Button, Anti-collision strip,
Interaction	Lights, sound (warning)



PLATAFORM SERIES Model B300

LxWxH	780X550X290
Weight	120 kg
Max. payload.	300 Kg
Driving Speed	1.5 m/s
Navigation	Two-wheel drive, network and hybrid.
Positioning Mode	Laser SLAM / Laser & QR codeFusion
Endurance	8 hours fully charge
Battery type	lithium iron phosphate battery
Security	LiDAR, emergency Stop Button, Anti-collision strip.
Interaction	Lights, sound (warning)



LIFTING SERIES Model L300

LxWxH	800X619X330
Weight	180 Kg
Max. payload.	300 Kg
Driving Speed	1.5 m/s
Navigation	Two-wheel drive, network and hybrid.
Positioning Mode	Laser SLAM / Laser & QR codeFusion
Endurance	8 hours fully charge
Battery type	lithium iron phosphate battery
Security	LiDAR, emergency Stop Button, Anti-collision strip.
Interaction	Lights, sound (warning)



LIFTING SERIES Model L1000

LxWxH	1061X838X300 mm
Weight	310 Kg
Max. payload.	1000 Kg
Driving Speed	1.5 m/s
Navigation	Two-wheel drive, network and hybrid.
Positioning Mode	Laser SLAM / Laser & QR codeFusion
Endurance	8 hours fully charge
Battery type	lithium iron phosphate battery
Security	LiDAR, emergency Stop Button, Anti-collision strip.
Interaction	Lights, sound (warning)



AUTOMATIC TROLLEY SERIES Model AT100

LxWxH	650X630X1610 mm
Weight	120 Kg
Max. payload.	100 Kg
Driving Speed	1.5 m/s
Navigation	Two-wheel drive, network and hybrid.
Positioning Mode	Laser SLAM / Laser & QR codeFusion
Endurance	8 hours fully charge
Battery type	lithium iron phosphate battery
Security	LiDAR, emergency Stop Button, Anti-collision strip.
Interaction	Lights, sound (warning)



MULTIWAY ROBOTICS

Multiway Robotics was founded in 2019 in China by a team of engineers, now is an international company committed to delivering cutting-edge intelligent manufacturing and smart logistics solutions to their customers.

Multiway

Multiway offers a comprehensive, integrated innovation delivery platform and solutions, ranging from core sensors and algorithms to self-developed unmanned forklifts and upper-level control systems.

Pallet Truck Model WeFront X20/S

LxWxH	1613x735x(1940/2140/2340) mm
Weight no battery	460 kg
Weight with battery	480 kg
Max. payload.	2000 Kg
Driving Speed	1.1 m/s No load / 1.3 m/s Full load
Navigation	Two-wheel drive, differential, reverse, turn.
Positioning Mode	Laser, stereo camera,
Communication	WI-FI, 5G (opc), optical com (opc)
Endurance	6 hours fully charge
Battery type	lithium-Ion phosphate/ 48 V
Security	Bottom Radar, stereo camera, anti collision strip, emergency stop button, sound (warning), position lamp
Interaction	HMI, Lights, sound (warning)



Pallet Truck Model Multiway X1

LxWxH	1610x850x(1950/2150/2350) mm
Weight no battery	420 kg
Weight with battery	440 kg
Max. payload.	2000 Kg
Driving Speed	1.1 m/s No load / 1.3 m/s Full load
Navigation	Two-wheel drive, differential, reverse, turn.
Positioning Mode	Laser, stereo camera,
Communication	WI-FI, 5G (opc), optical com (opc)
Endurance	8 hours fully charge
Battery type	lithium-Ion phosphate/ 48 V
Security	Stereo camera, anti collision strip, emergency stop button, sound (warning), position lamp
Interaction	HMI, Lights, sound (warning)



Pallet Stacker Model Multiway α2

LxWxH	3450x1575x4265 mm
Max Lifting Height	3000 mm
Weight no battery	6200 kg
Weight with battery	6220 kg
Max. payload.	1600 Kg
Driving Speed	2.2 m/s
Navigation	3-wheel drive, differential, reverse, turn.
Positioning Mode	Laser, stereo camera, reflector
Communication	WI-FI, 5G (opc), optical com (opc)
Endurance	8 hours fully charge
Battery type	lithium-Ion phosphate/ 48 V
Security	Stereo camera, anti collision strip, emergency stop button, sound (warning), position lamp, bottom obstacle avoidance radar
Interaction	HMI, Lights, sound (warning)



Pallet Stacker Model MW-SL14

LxWxH	1700x1000x(1990~2350) mm
Max Lifting Height	2500 mm
Weight no battery	880 kg
Weight with battery	900 kg
Max. payload.	1400 Kg
Driving Speed	1.38 m/s
Navigation	2-wheel drive, differential, reverse, turn.
Positioning Mode	Laser(op), reflector
Communication	WI-FI, 5G (opc), optical com (opc)
Endurance	8 hours fully charge
Battery type	lithium-Ion phosphate/ 24 V
Security	Stereo camera, anti collision strip, emergency stop button, sound (warning), position lamp, bottom obstacle avoidance radar
Interaction	HMI, Lights, sound (warning)



Counterbalanced Forklift Model MW-SE15

LxWxH	1700x1000x(1990~2350) mm
Max Lifting Height	3000 mm
Weight no battery	2780 kg
Weight with battery	2800 kg
Max. payload.	1500 Kg
Driving Speed	1.5 m/s
Navigation	2-wheel drive, differential, reverse, turn.
Positioning Mode	Laser, reflector (opc)
Communication	WI-FI, 5G (opc), optical com (opc)
Endurance	8 hours fully charge
Battery type	lithium-Ion phosphate/ 24 V
Security	Stereo camera, anti collision strip, emergency stop button, sound (warning), position lamp, bottom obstacle avoidance radar
Interaction	HMI, Lights, sound (warning)



Counterbalanced Forklift Model MW-E35

LxWxH	3580x1580x2350 mm
Max Lifting Height	4500 mm
Weight no battery	5680 kg
Weight with battery	5700 kg
Max. payload.	3500 Kg
Driving Speed	2.5 m/s
Navigation	3-wheel drive, differential, reverse, turn.
Positioning Mode	Laser, reflector (opc).
Communication	WI-FI, 5G (opc), optical com (opc)
Endurance	10 hours fully charge
Battery type	lithium-Ion phosphate/ 80 V
Security	Stereo camera, anti collision strip, emergency stop button, sound (warning), position lamp, bottom obstacle avoidance radar
Interaction	HMI, Lights, sound (warning)



Reach Truck Model MW-R16

LxWxH	2555x1455x(2350~3910) mm
Max Lifting Height	4500 mm
Weight no battery	3370 kg
Weight with battery	3390 kg
Max. payload.	1600 Kg
Driving Speed	2.0 m/s
Navigation	3-wheel drive, differential, reverse, turn.
Positioning Mode	Laser, reflector (opc).
Communication	WI-FI, 5G (opc), optical com (opc)
Endurance	10 hours fully charge
Battery type	lithium-Ion phosphate/ 48 V
Security	Stereo camera, anti collision strip, emergency stop button, sound (warning), position lamp, bottom obstacle avoidance radar
Interaction	HMI, Lights, sound (warning)



Reach Truck Model MW-R20S

LxWxH	2605x1508x2820 mm
Max Lifting Height	6300 mm
Weight no battery	3970 kg
Weight with battery	4000 kg
Max. payload.	2000 Kg
Driving Speed	2.0 m/s
Navigation	3-wheel drive, differential, reverse, turn.
Positioning Mode	Laser, reflector (opc).
Communication	WI-FI, 5G (opc), optical com (opc)
Endurance	10 hours fully charge
Battery type	lithium-Ion phosphate/ 48 V
Security	Stereo camera, anti collision strip, emergency stop button, sound (warning), position lamp, bottom obstacle avoidance radar
Interaction	HMI, Lights, sound (warning)



VNA Truck Model MW-K16

LxWxH	3455x1575x(2935~4265) mm
Max Lifting Height	9000 mm
Weight no battery	7240 kg
Weight with battery	7260 kg
Max. payload.	1600 Kg
Driving Speed	2.2 m/s
Navigation	3-wheel drive, differential, reverse, turn.
Positioning Mode	Laser, reflector (opc).
Communication	WI-FI, 5G (opc), optical com (opc)
Endurance	8 hours fully charge
Battery type	lithium-Ion phosphate/ 48 V
Security	Stereo camera, anti collision strip, emergency stop button, sound (warning), position lamp, bottom obstacle avoidance radar
Interaction	HMI, Lights, sound (warning)



SIDELOADER Model MW-O20

LxWxH	2380x2110x(2350~3444) mm
Max Lifting Height	5000 mm
Weight no battery	3140 kg
Weight with battery	3160 kg
Max. payload.	2000 Kg
Driving Speed	1.38 m/s
Navigation	4-wheel drive, differential, reverse, turn.
Positioning Mode	Laser, reflector (opc).
Communication	WI-FI, 5G (opc), optical com (opc)
Endurance	8 hours fully charge
Battery type	lithium-Ion phosphate/ 24 V
Security	Stereo camera, anti collision strip, emergency stop button, sound (warning), position lamp, bottom obstacle avoidance radar
Interaction	HMI, Lights, sound (warning)



FOUR-WAY SHUTTLE Model MW-Z15

LxWxH	1300×980×136 mm
Weight no battery	380 kg
Weight with battery	400 kg
Max. payload.	1500 Kg
Driving Speed	1.5 m/s
Navigation	8-wheel drive, differential, reverse, turn.
Positioning Mode	Laser
Communication	In Develop timing
Endurance	8 hours fully charge
Battery type	lithium-Ion phosphate/ 48 V
Security	Positioning fault, component fault and communication fault protection, anti-collision detection
Interaction	Pendant



COLD CHAIN FORKLIFTS Model MW-SE20

LxWxH	3025x1145x(1950+100n→2350) mm
Operating temperature	-25°C to 45°C
Max Lifting Height	3000 - 4500 mm
Max. payload.	2000 Kg
Driving Speed	1.5 m/s
Navigation	SLAM.
Positioning Mode	Laser
Communication	WI-FI, 5G (opc)
Endurance	6 hours fully charge
Battery type	lithium-Ion phosphate/ 24 V
Security	bottom obstacle radar, stereo camera, anti collision strip, emergency stop button sound and light warnings.
Interaction	HMI



COLD CHAIN FORKLIFTS Model MW-L14

LxWxH	2200x1085x(2350~2815) mm
Operating temperature	-25°C to 45°C
Max Lifting Height	5400 mm
Max. payload.	1400 Kg
Driving Speed	1.5 m/s
Navigation	SLAM.
Positioning Mode	Laser
Communication	WI-FI, 5G (opc)
Endurance	6 hours fully charge
Battery type	lithium-Ion phosphate/ 24 V
Security	bottom obstacle radar, stereo camera, anti collision strip, emergency stop button sound and light warnings.
Interaction	HMI



COLD CHAIN FORKLIFTS Model MW-R16

LxWxH	2620x1550x(2350~3930) mm
Operating temperature	-25°C to 45°C
Max Lifting Height	9500 mm
Max. payload.	1600 Kg
Driving Speed	2 m/s
Navigation	SLAM.
Positioning Mode	Laser
Communication	WI-FI, 5G (opc)
Endurance	6 hours fully charge
Battery type	lithium-Ion phosphate/ 48 V
Security	bottom obstacle radar, stereo camera, anti collision strip, emergency stop button sound and light warnings.
Interaction	HMI



COLD CHAIN FORKLIFTS Model MW-R12XC

LxWxH	2782x1420x3450 mm
Operating temperature	-25°C to 45°C
Max Lifting Height	7500 mm
Max. payload.	1200 Kg
Driving Speed	2 m/s
Navigation	SLAM.
Positioning Mode	Laser
Communication	WI-FI, 5G (opc)
Endurance	6 hours fully charge
Battery type	lithium-Ion phosphate/ 48 V
Security	bottom obstacle radar, stereo camera, anti collision strip, emergency stop button sound and light warnings.
Interaction	HMI



FORWARD X ROBOTICS

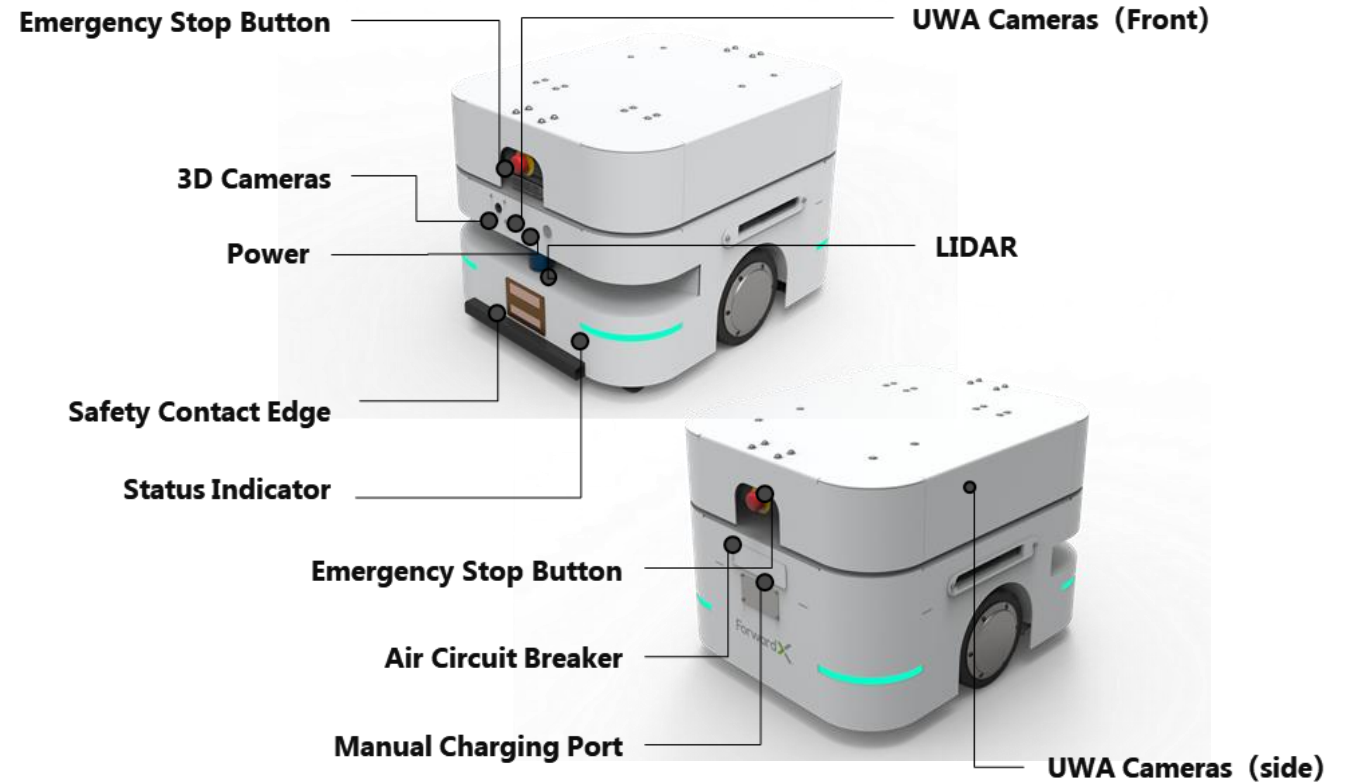
ForwardX Robotics is a global leader in vision-based robotics AMR, delivering innovative solutions to their clients. founded in 2016 in China.



As the largest vision-based AMR solutions provider in Asia, ForwardX has deployed over 3,000 AMR's in over 220 facilities across of the 5 continents

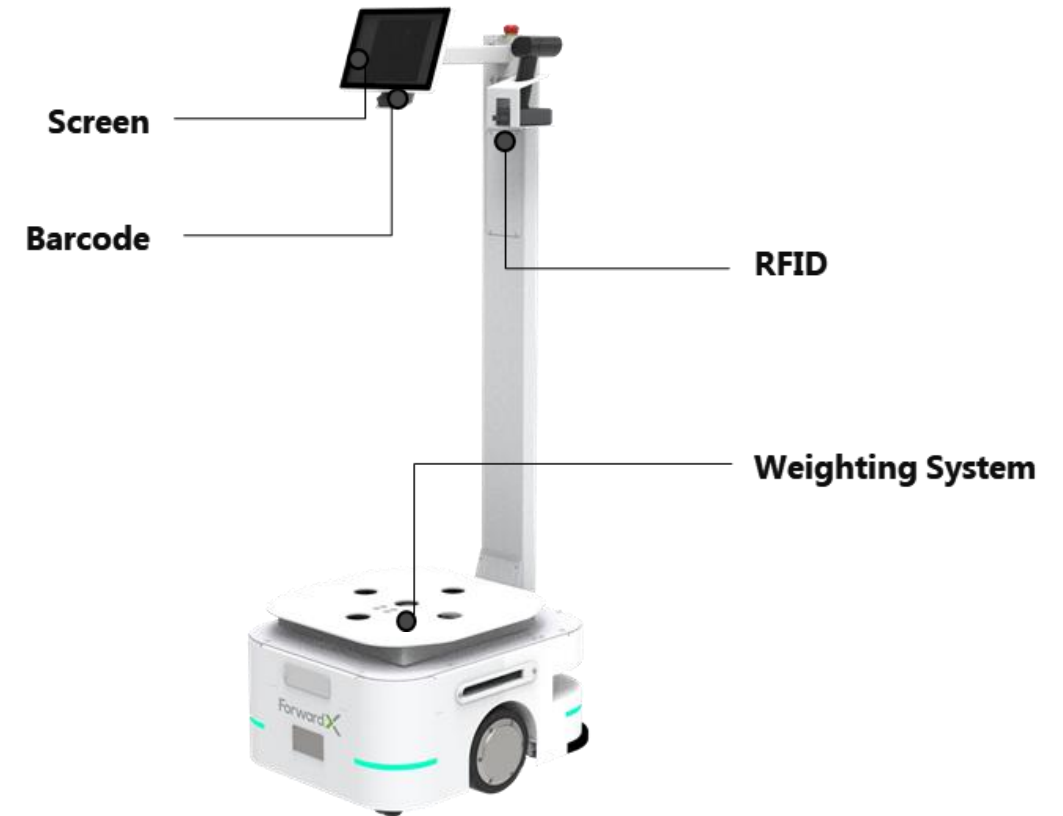
FLEX SERIES Model Flex 300-L

LxWxH	600x480x417mm
Weight	90 kg
Max. payload.	80 Kg
Driving Speed	2 m/s No load / 2 m/s Full load
Navigation	Two-wheel drive, network and hybrid.
Positioning Mode	Laser SLAM/Visual Semantics/Visual Tag (Optional)
Communication	WI-FI, WI-FI 6, 4G/5G (opc)
Endurance	8 hours fully charge
Battery type	lithium iron phosphate battery
Security	Movement Obstacle Perception Low Obstacle Perception Safety Contact Edge Emergency Stop Button
Interaction	HMI, Lights, sound (warning)



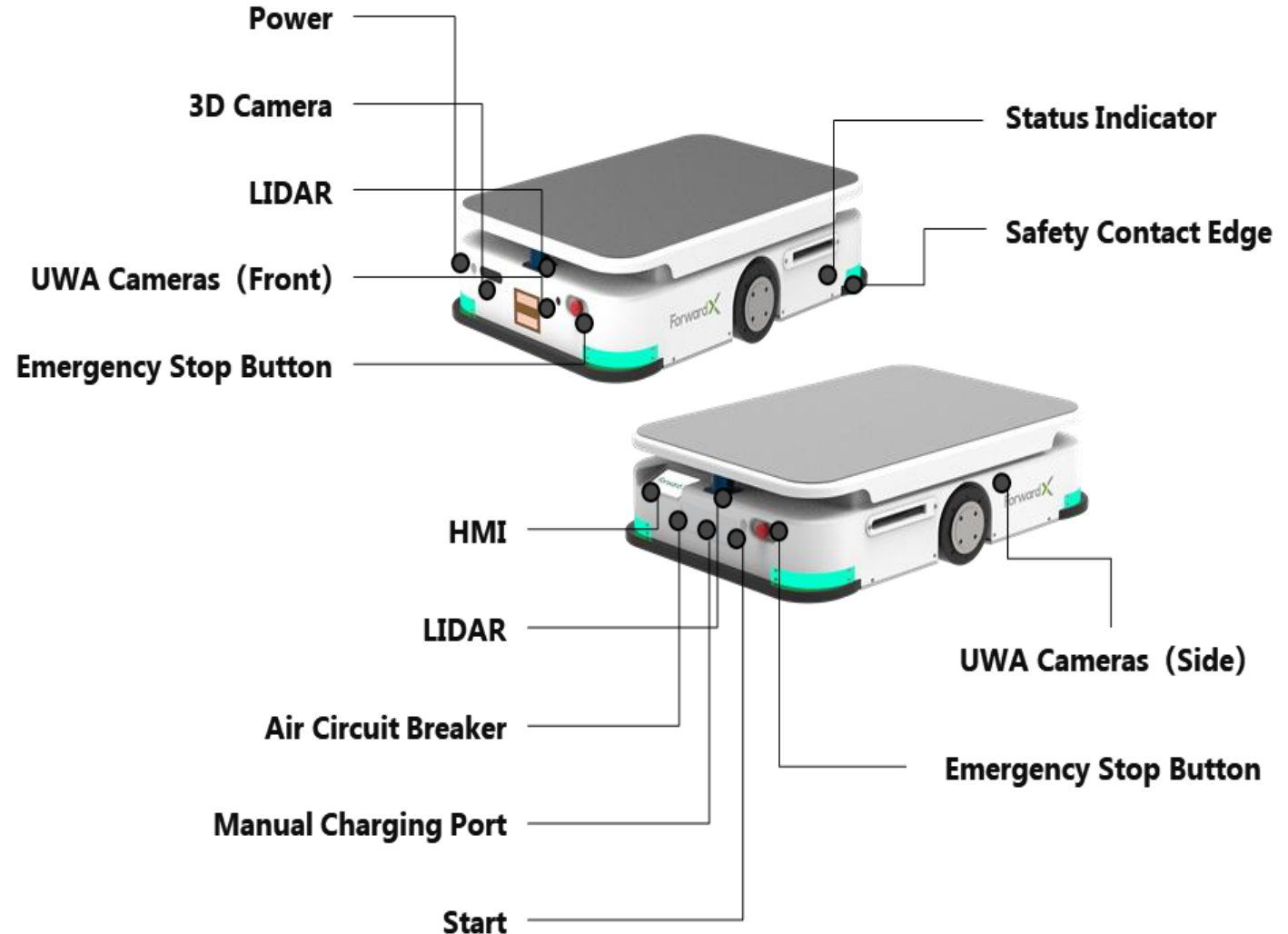
FLEX SERIES Model Flex 60-SW

LxWxH	601x486x1500 mm
Weight	90 kg
Max. payload.	80 Kg
Driving Speed	2 m/s No load / 2 m/s Full load
Navigation	Two-wheel drive, network and hybrid.
Positioning Mode	Laser SLAM/Visual Semantics/Visual Tag (Optional)
Communication	WI-FI, WI-FI 6, 4G/5G (opc)
Endurance	8 hours fully charge
Battery type	lithium iron phosphate battery
Security	Movement Obstacle Perception Low Obstacle Perception Safety Contact Edge Emergency Stop Button
Interaction	HMI, Lights, sound (warning)



FLEX SERIES Model Flex 600 slim / 600-L Slim

LxWxH	950x650x245 mm
Weight	160 kg
Max. payload.	600 Kg
Driving Speed	2 m/s No load / 2 m/s Full load
Navigation	Two-wheel drive, network and hybrid.
Positioning Mode	Laser SLAM/Visual Semantics/Visual Tag (Optional)
Communication	WI-FI, WI-FI 6, 4G/5G (opc)
Endurance	8 hours fully charge
Battery type	lithium iron phosphate battery
Security	Movement Obstacle Perception Low Obstacle Perception Safety Contact Edge Emergency Stop Button
Interaction	HMI, Lights, sound (warning)



FLEX SERIES Model Flex 600-S slim / 600-LS Slim

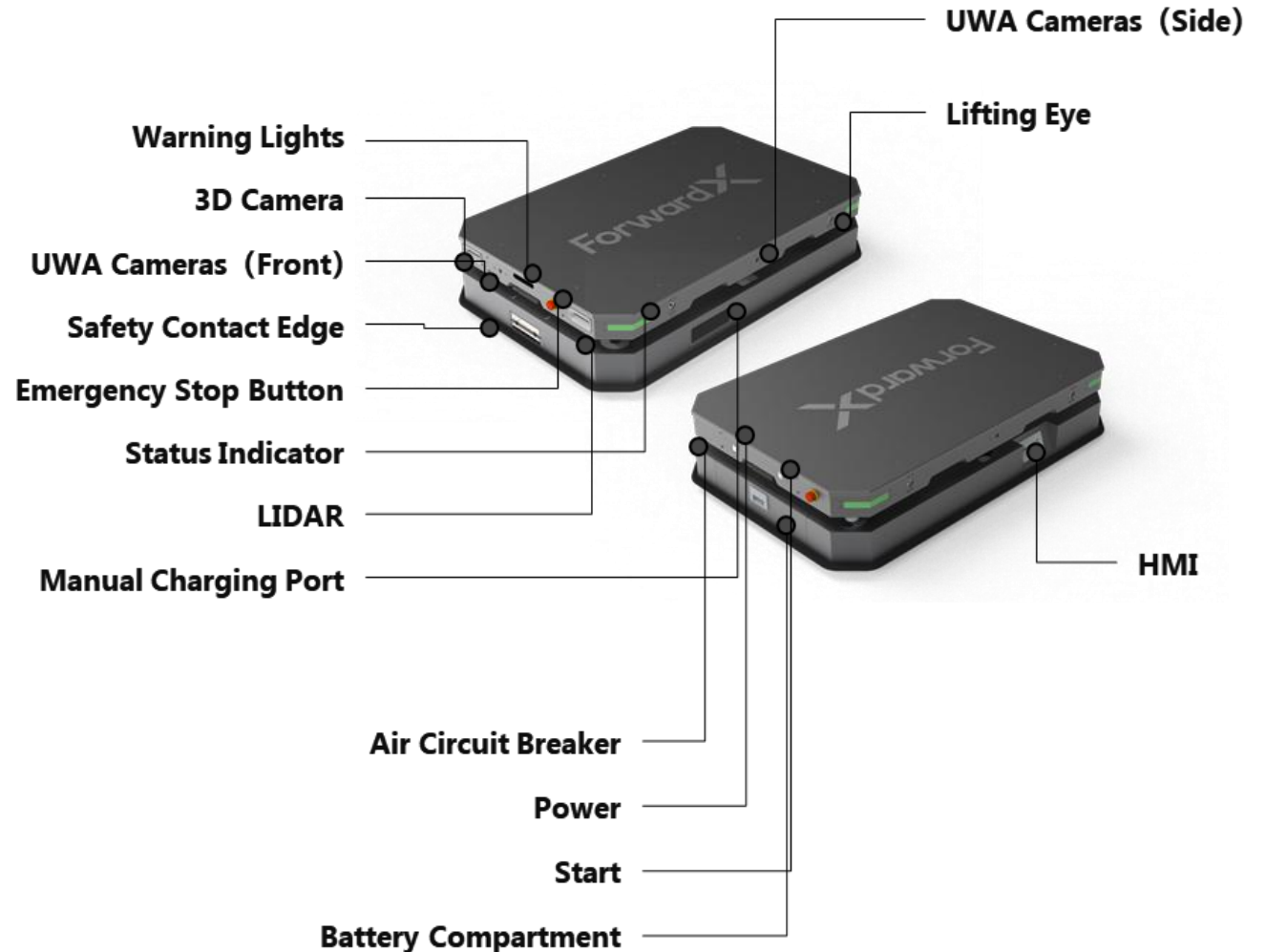
LxWxH	950x650x1185 mm
Weight	160 kg
Max. payload.	600 Kg
Driving Speed	1.6 m/s No load / 1.6 m/s Full load
Navigation	Two-wheel drive, network and hybrid.
Positioning Mode	Laser SLAM/Visual Semantics/Visual Tag (Optional)
Communication	WI-FI, WI-FI 6, 4G/5G (opc)
Endurance	8 hours fully charge
Battery type	lithium iron phosphate battery
Security	Movement Obstacle Perception Low Obstacle Perception (opc) Safety Contact Edge 2 (opc) Emergency Stop Button
Interaction	HMI, Lights, sound (warning)

Screen



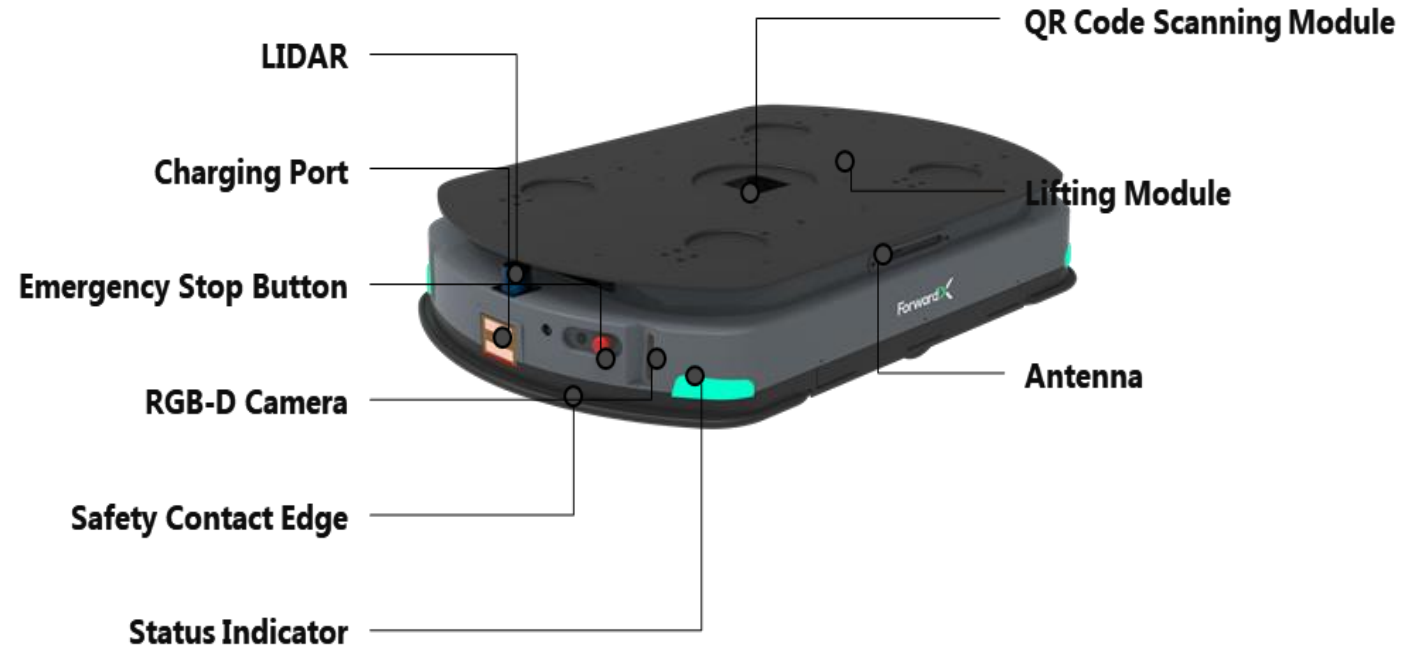
AMR Model Max 600

LxWxH	1380x900x320 mm
Weight	260 kg
Max. payload.	600 Kg
Driving Speed	1.5 m/s No load / 1.5 m/s Full load
Navigation	Two-wheel drive, network and hybrid.
Positioning Mode	Laser SLAM/Visual Semantics/
Communication	WI-FI, WI-FI 6, 4G/5G (opc)
Endurance	8 hours fully charge
Battery type	lithium iron phosphate battery
Security	Configured Movement obstacle perception low obstacle perception safety contact edge 2 emergency stop button
Interaction	HMI, Lights, sound (warning)



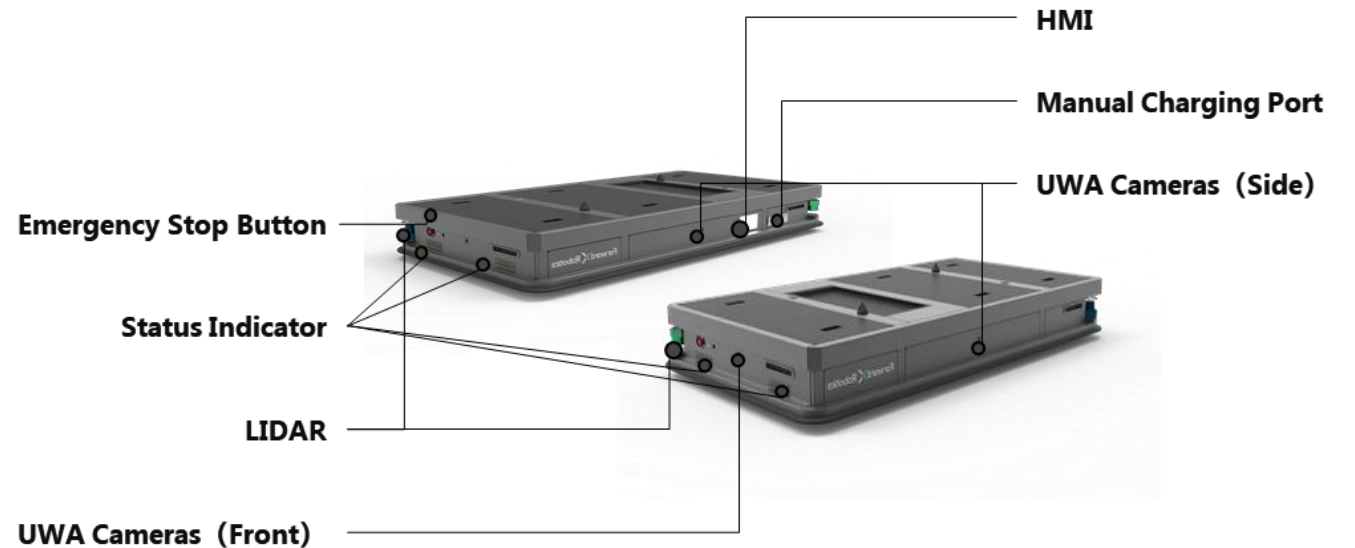
AMR Model Max 1500-L Slim

LxWxH	1250x850x245 mm
Weight	250 kg
Max. payload.	1500 Kg
Driving Speed	1.1 m/s No load / 1.1 m/s Full load
Navigation	Two-wheel drive, network and hybrid.
Positioning Mode	Laser SLAM/Visual Semantics/visual tag(opc)
Communication	WI-FI, WI-FI 6, 4G/5G (opc)
Endurance	8 hours fully charge
Battery type	lithium iron phosphate battery
Security	Configured Movement obstacle perception low obstacle perception safety contact edge emergency stop button
Interaction	HMI, Lights, sound (warning)



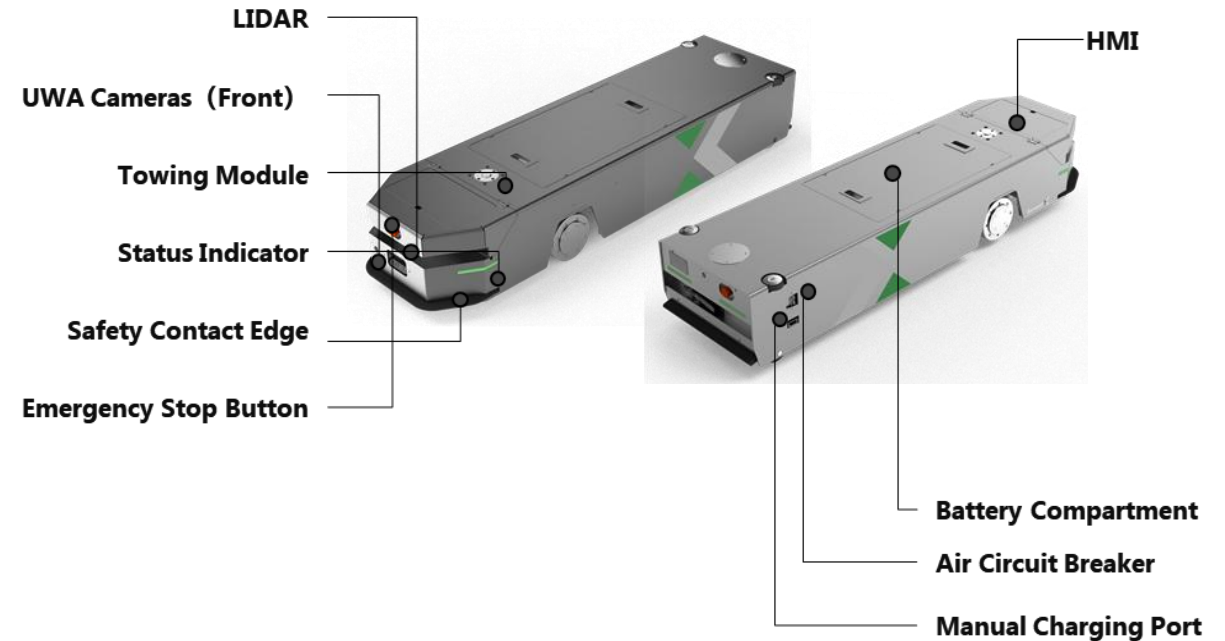
AMR Model Max O2500-L

LxWxH	2154x1154x310 mm
Weight	700 kg
Max. payload.	500 Kg
Driving Speed	1.1 m/s No load / 1.1 m/s Full load
Navigation	Two-wheel drive, network and hybrid.
Positioning Mode	Laser SLAM/Visual Semantics
Communication	WI-FI, WI-FI 6, 4G/5G (opc)
Endurance	8 hours fully charge
Battery type	lithium iron phosphate battery
Security	Configured Movement obstacle perception low obstacle perception safety contact edge emergency stop button
Interaction	HMI, Lights, sound (warning)



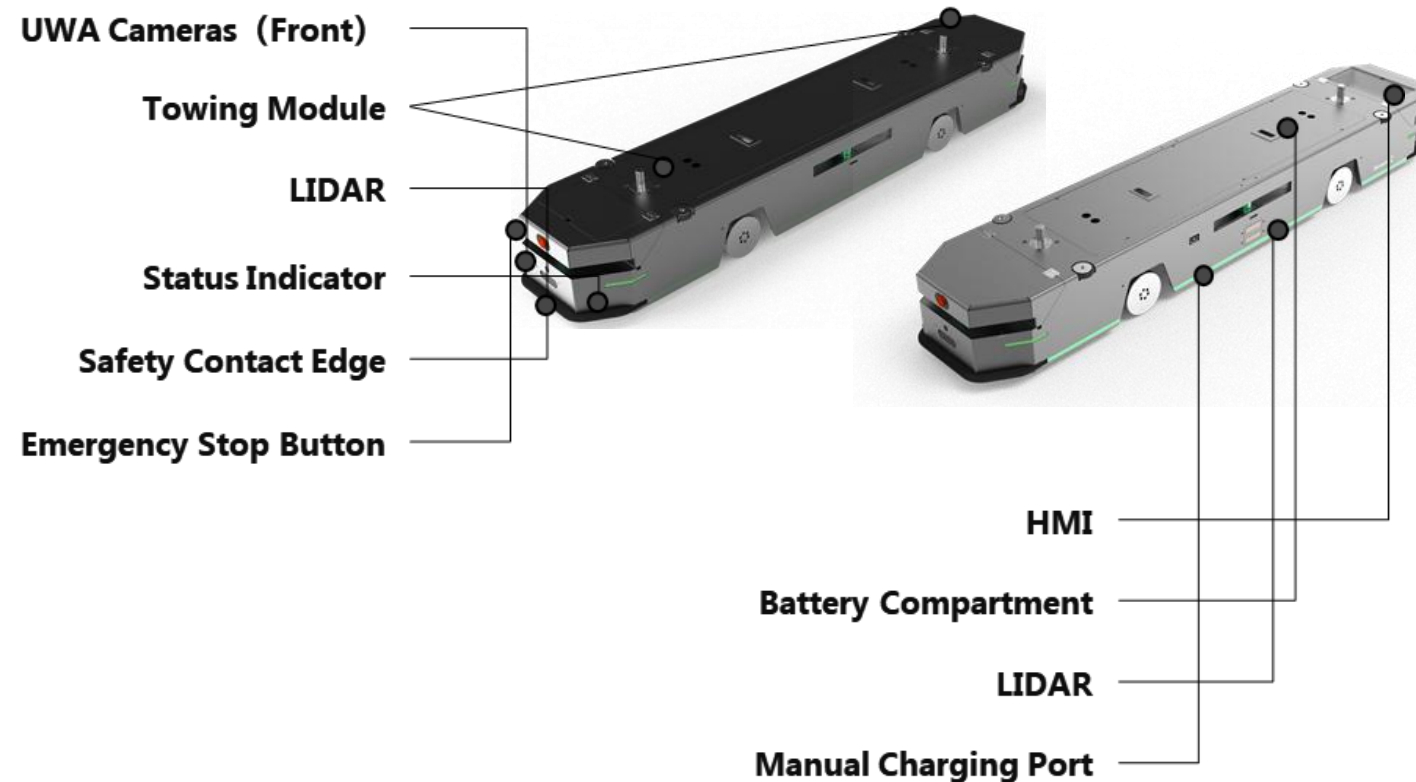
AMR Model Lynx U1000

LxWxH	(1250~1610)x440x285 mm
Weight	240 kg
Max. payload.	1000 Kg
Driving Speed	1.1 m/s No load / 1.1 m/s Full load
Navigation	Two-wheel drive, network and hybrid.
Positioning Mode	Laser SLAM/Visual Semantics
Communication	WI-FI, WI-FI 6, 4G/5G (opc)
Endurance	7 hours fully charge
Battery type	lithium iron phosphate battery
Security	Configured Movement obstacle perception low obstacle perception safety contact edge emergency stop button
Interaction	HMI, Lights, sound (warning)



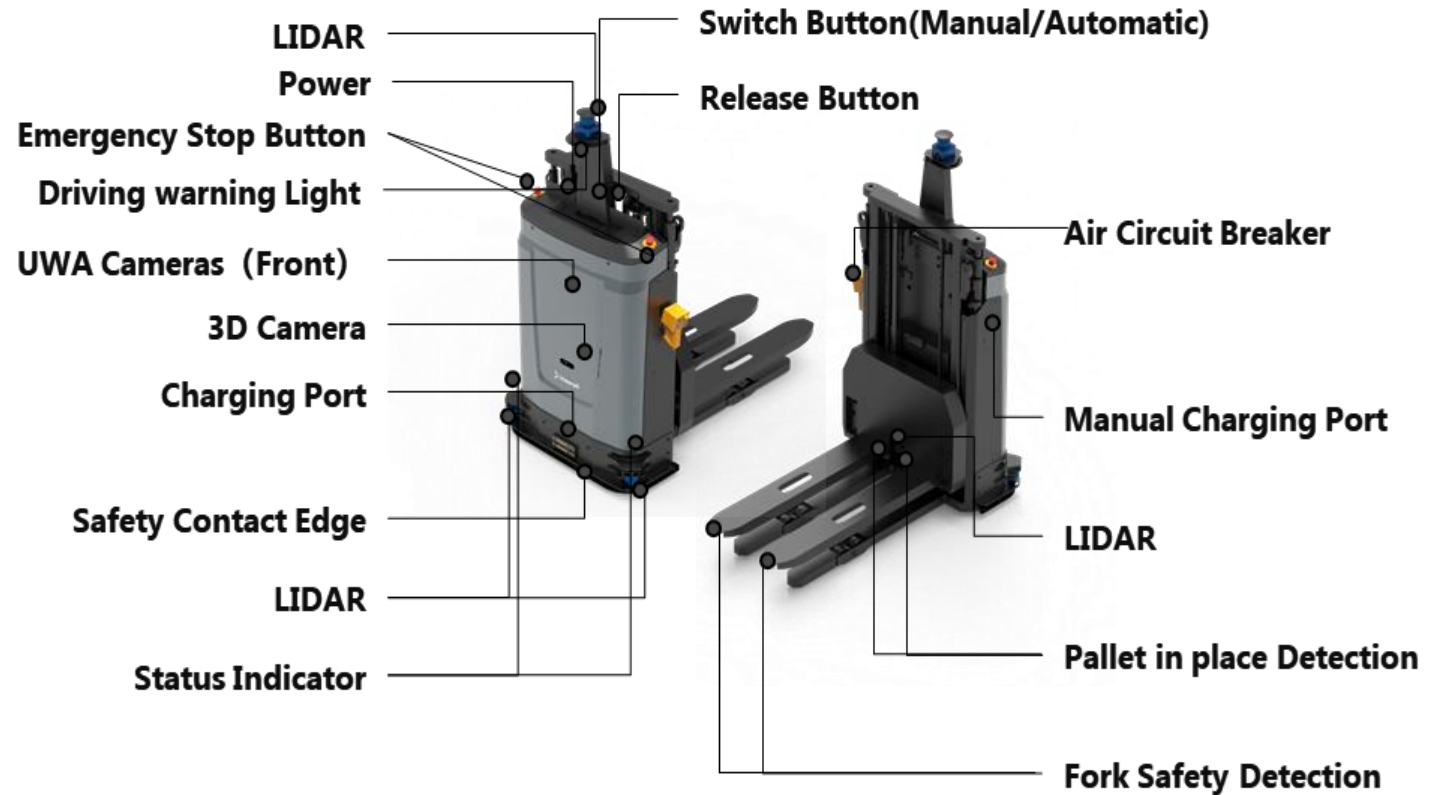
AMR Model Max O1500

LxWxH	2200x440x285 mm
Weight	340 kg
Max. payload.	1500 Kg
Driving Speed	1.1 m/s No load / 1.1 m/s Full load
Navigation	Two-wheel drive, network and hybrid.
Positioning Mode	Laser SLAM/Visual Semantics
Communication	WI-FI, WI-FI 6, 4G/5G (opc)
Endurance	5 hours fully charge
Battery type	lithium iron phosphate battery
Security	Configured Movement obstacle perception safety contact edge emergency stop button
Interaction	HMI, Lights, sound (warning)



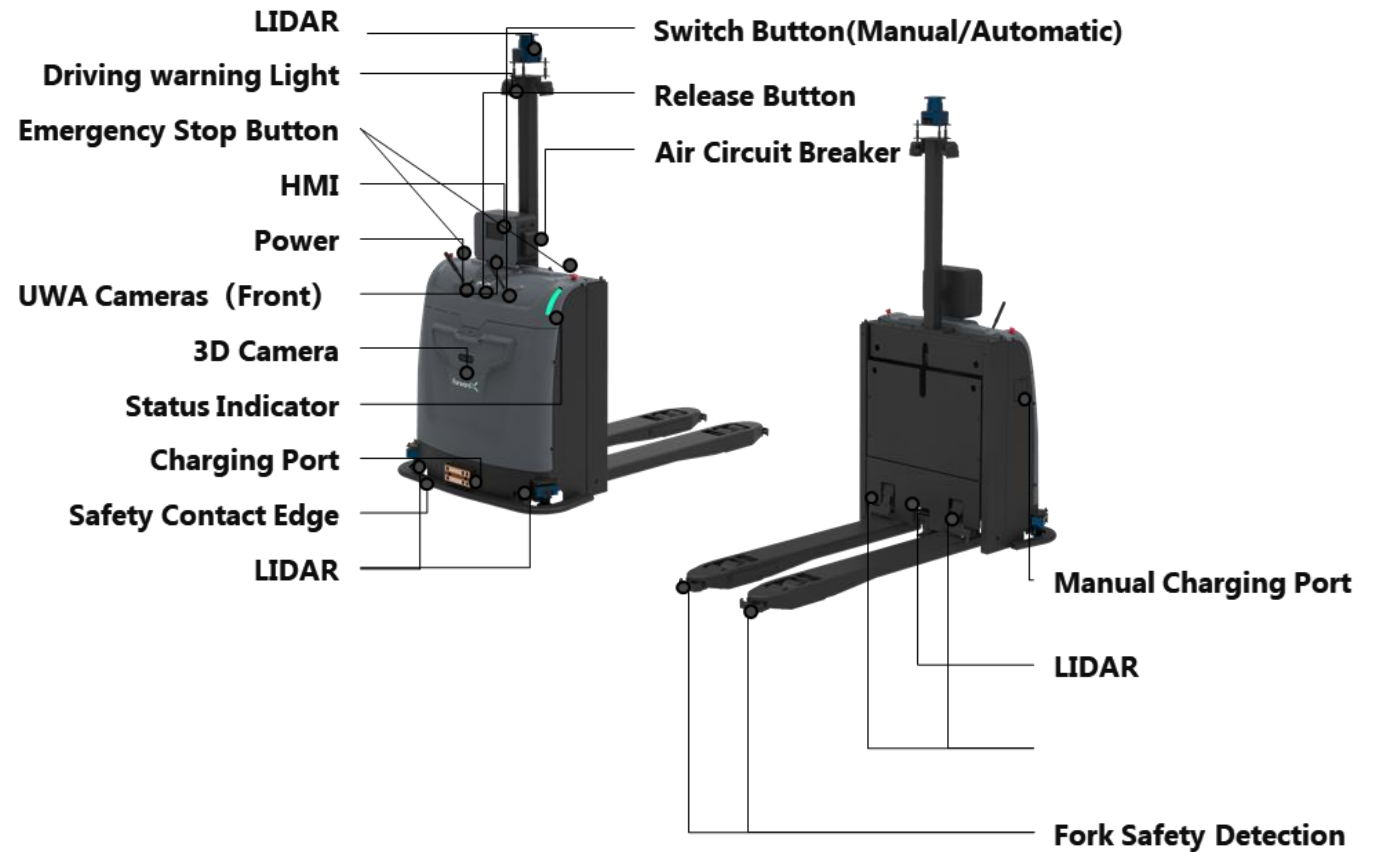
AMR Model Apex 1400-L

LxWxH	1760x1010x1895 mm
Max. Fork Height	1600 mm
Weight	880 kg
Max. payload.	1400 Kg
Driving Speed	1.6 m/s No load / 1.6 m/s Full load
Navigation	Two-wheel drive, network and hybrid.
Positioning Mode	Lidar SLAM/Visual Semantics
Endurance	10 hours fully charge
Battery type	lithium iron phosphate battery
Security	3D Obstacle avoidance safety contact edge emergency stop button
Interaction	HMI, Lights, sound (warning)



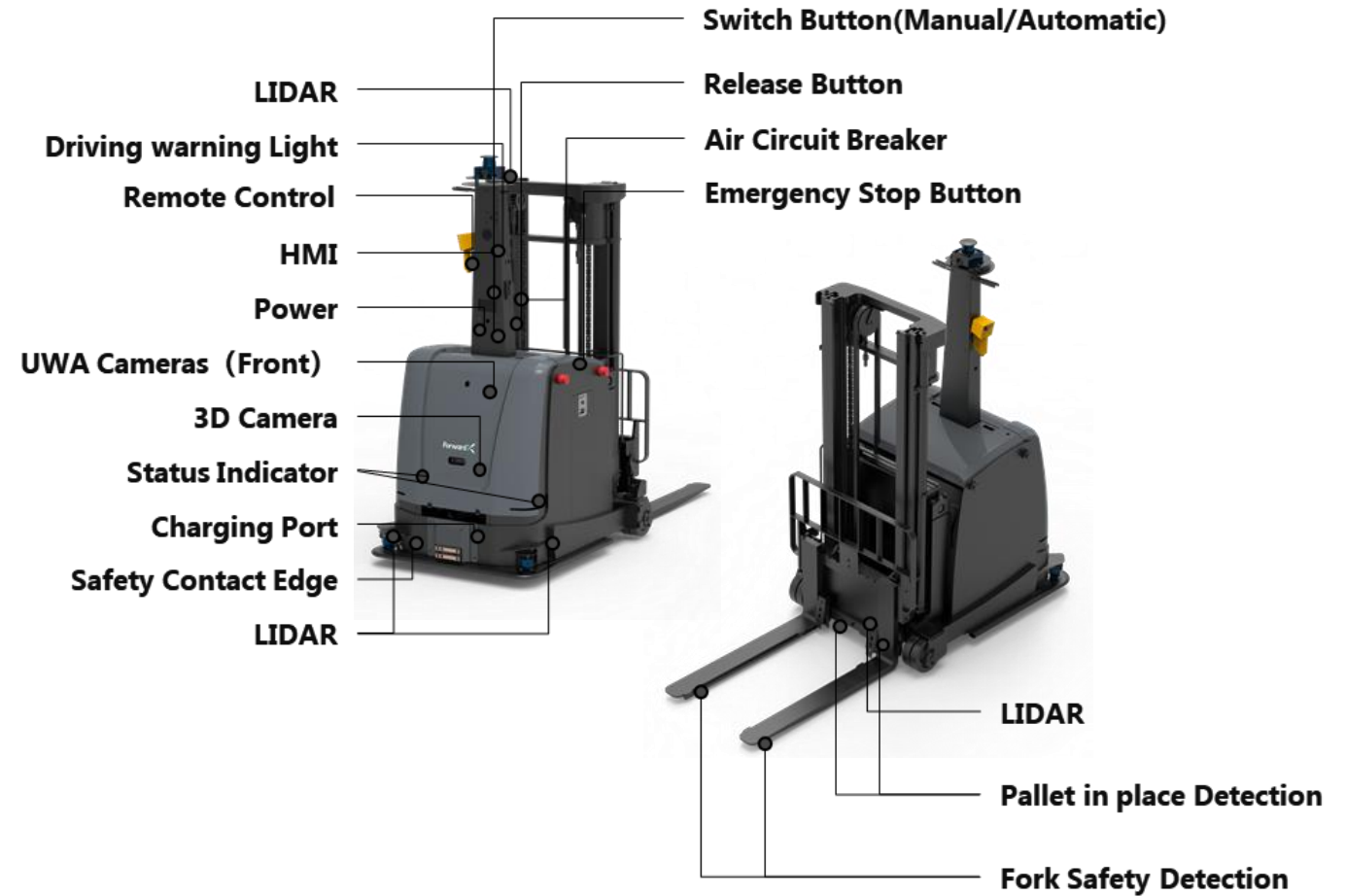
AMR Model Apex 2000

LxWxH	1714x964x1895 mm
Max. Fork Height	195 mm
Weight	420 kg
Max. payload.	2000 Kg
Driving Speed	1.39 m/s No load / 1.67 m/s Full load
Navigation	Two-wheel drive, network and hybrid.
Positioning Mode	Lidar SLAM/Visual Semantics
Endurance	8 hours fully charge
Battery type	lithium iron phosphate battery
Security	3D Obstacle avoidance safety contact edge emergency stop button
Interaction	HMI, Lights, sound (warning)



AMR Model Apex C1500-L

LxWxH	2470x1112x2200 mm
Weight	2700 kg
Max. Fork Height	3000 mm
Max. payload.	1500 Kg
Driving Speed	1.5 m/s No load / 1.5 m/s Full load
Navigation	Two-wheel drive, network and hybrid.
Positioning Mode	Lidar SLAM/Visual
Endurance	8 hours fully charge
Battery type	lithium iron phosphate battery
Security	3D Obstacle avoidance safety contact edge emergency stop button
Interaction	HMI, Lights, sound (warning), remote control



SIASUN

Founded in 2000, SIASUN it's now one of the 10 leading enterprise in chinese robotic industry and national engineering center on Robotics.

The logo for SIASUN, featuring the company name in a bold, italicized, black sans-serif font.

SIASUN has unique advantages on providing digital manufacturing solutions, this because they developed hundred kinds of robots products belonging to five series, industrial robot, mobile robot, collaborative robot, special robot, service robot

Collaborative Robot GCR3-618

Degree of freedom	6
Max. TCP speed	1 m/s
Max. payload.	3 Kg
Max. Stright line speed	0.8 m/s
Reach	618 mm
Repeatability	+/-0.05mm
Robot dimensions	769x315x150 mm
ambient temperature range	-10°C a -45°C
IP Class	IP54
Communication Protocol	TCP/IP, MODBUS/TCP,PROFINET,ETHERCAT, CAN,and others.



Collaborative Robot GCR5-910

Degree of freedom	6
Max. TCP speed	3.6 m/s
Max. payload.	5 Kg
Max. Stright line speed	1.5 m/s
Reach	917 mm
Repeatability	+/-0.02 mm
Robot dimensions	769x315x150 mm
ambient temperature range	-10°C a -45°C
IP Class	IP54 / IP65
Communication Protocol	TCP/IP, MODBUS/TCP,PROFINET,ETHERNET/IP.



Collaborative Robot GCR7-910

Degree of freedom	6
Max. TCP speed	3.6 m/s
Max. payload.	7 Kg
Max. Stright line speed	1.5 m/s
Reach	917 mm
Repeatability	+/-0.03 mm
Robot dimensions	1100x330x200 mm
ambient temperature range	-10°C a -45°C
IP Class	IP54
Communication Protocol	TCP/IP, MODBUS/TCP,PROFINET, EtherCAT



Collaborative Robot GCR10- 1300

Degree of freedom	6
Max. TCP speed	3.6 m/s
Max. payload.	10 Kg
Max. Stright line speed	1.5 m/s
Reach	1300 mm
Repeatability	+/-0.05 mm
Robot dimensions	1512x388x205 mm
ambient temperature range	-10°C a -45°C
IP Class	IP54
Communication Protocol	TCP/IP, MODBUS/TCP,PROFINET, EtherCAT, CAN



Collaborative Robot GCR16-2000

Degree of freedom	6
Max. TCP speed	3.6 m/s
Max. payload.	16 Kg
Max. Stright line speed	1.8 m/s
Reach	2000 mm
Repeatability	+/-0.05 mm
Robot dimensions	1512x388x205 mm
ambient temperature range	-10°C a -45°C
IP Class	IP54 / IP65
Communication Protocol	TCP/IP, MODBUS/TCP,PROFINET,ETHERNET/IP



Collaborative Robot GCR16-2000

Degree of freedom	6
Max. TCP speed	3.8 m/s
Max. payload.	12 Kg
Max. Stright line speed	1.5 m/s
Reach	1300 mm
Repeatability	+/-0.03 mm
Robot dimensions	1512x388x205 mm
ambient temperature range	-10°C a -45°C
IP Class	IP54 / IP65
Communication Protocol	TCP/IP, MODBUS/TCP,PROFINET,ETHERNET/IP



Collaborative Robot GCR16-960

Degree of freedom	6
Max. TCP speed	3.0 m/s
Max. payload.	16 Kg
Max. Stright line speed	1.5 m/s
Reach	960 mm
Repeatability	+/-0.03 mm
Robot dimensions	1180X388X205 mm
ambient temperature range	-10°C a -45°C
IP Class	IP54 / IP65
Communication Protocol	TCP/IP, MODBUS/TCP,PROFINET,ETHERNET/IP



Collaborative Robot GCR25-1800

Degree of freedom	6
Max. TCP speed	2.5 m/s
Max. payload.	25 Kg
Max. Stright line speed	1.5 m/s
Reach	1800 mm
Repeatability	+/-0.05 mm
Robot dimensions	2300X440X252 mm
ambient temperature range	-10°C a -50°C
IP Class	IP54 / IP65
Communication Protocol	TCP/IP, MODBUS/TCP,PROFINET,ETHERNET/IP



BROOKS

Founded in 1978, brooks automation has been a leading automation provider and trusted partner to the global manufacturing industry.



Brooks is committed to innovation by continuously developing new products offering partnering with customers to integrate solutions for their manufacturing process.

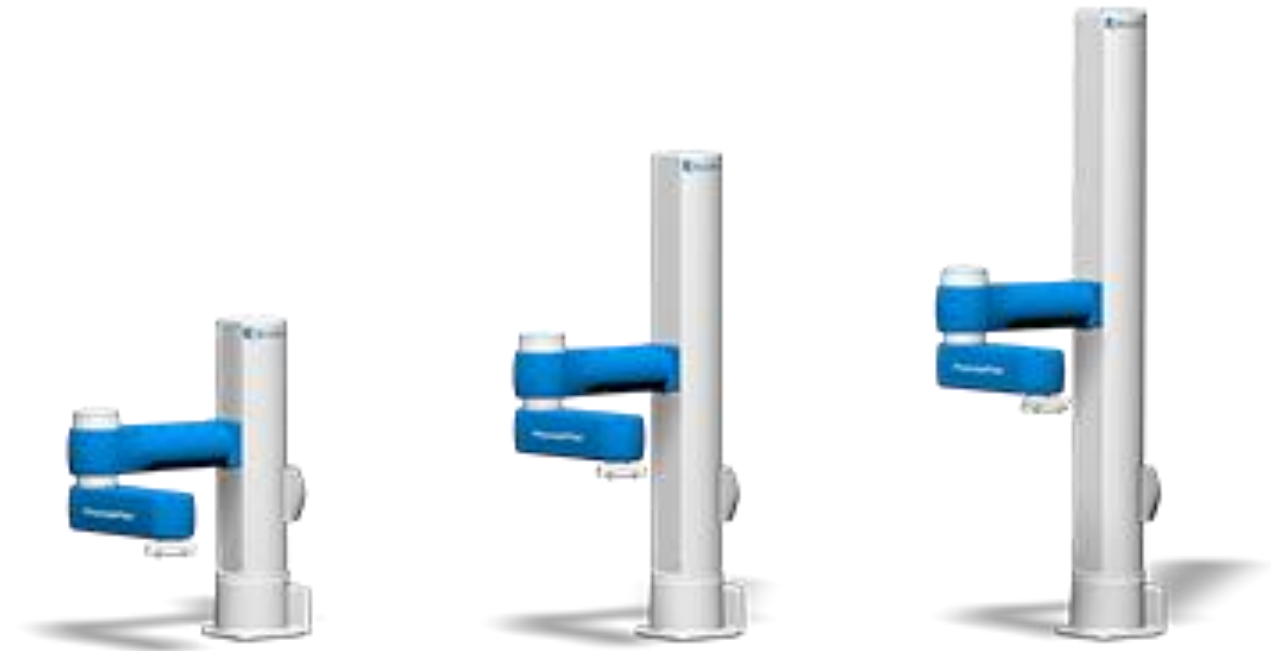
PRECISEFLEX 3400

Max. Acceleration	2000 mm/sec ² with 1KG payload
Max. TCP speed	1500 m/s horizontal 500 mm/s ² vertical
Max. payload.	3 Kg
Degree of freedom	4
Reach	588 mm
Repeatability	+/-0.090mm
Robot dimensions	400x750x1160 mm
ambient temperature range	0°C a 50°C
Communication Protocol	TCP/IP, EtherNet/IP, RS232, MODBUS/TCP, RS232.



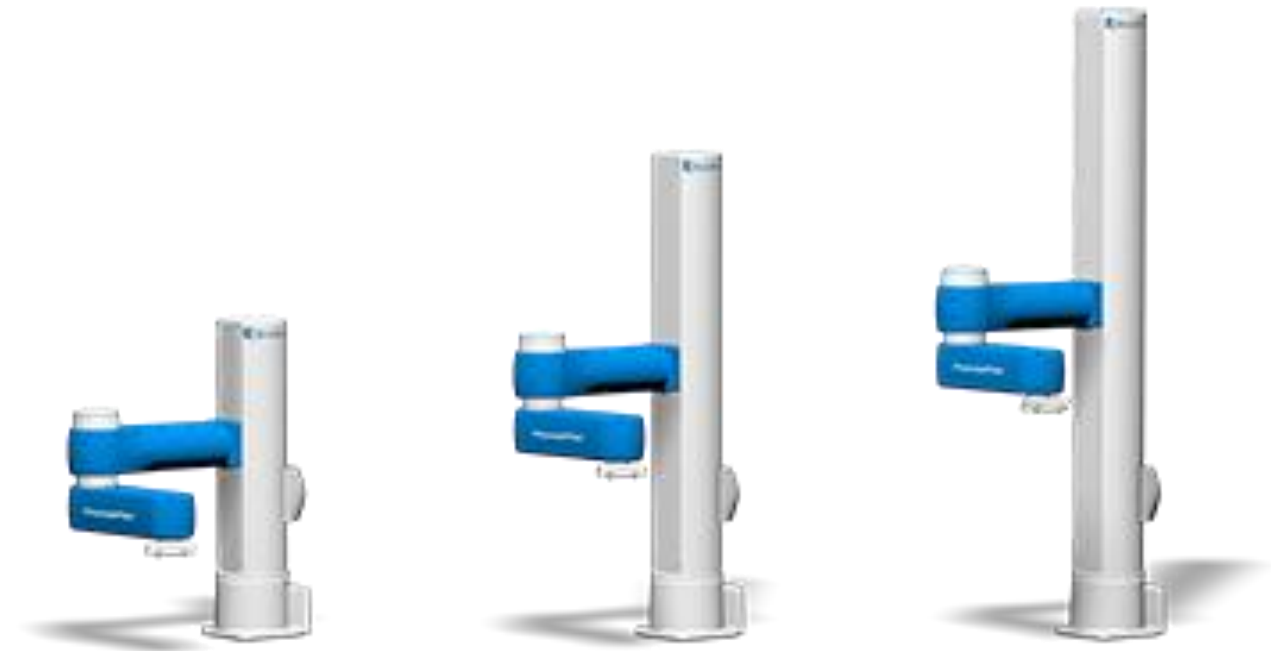
PRECISEFLEX C10

Max. Acceleration	5000 mm/sec ² with 6KG payload
Max. TCP speed	500 m/s horizontal 600 mm/s ² vertical
Max. payload.	10 Kg
Degree of freedom	4
Reach	896 mm
Repeatability	+/-0.020mm
Robot dimensions	500x1000x1420 mm
ambient temperature range	0°C a 50°C
Communication Protocol	TCP/IP, EtherNet/IP, RS232, MODBUS/TCP, RS232.



PRECISEFLEX C8A

Max. Acceleration	5000 mm/sec ² with 6KG payload
Max. TCP speed	500 m/s horizontal 600 mm/s ² vertical
Max. payload.	8 Kg
Degree of freedom	6
Reach	985 mm
Repeatability	+/-0.020mm
Robot dimensions	500x1000x1420 mm
ambient temperature range	0°C a 50°C
Communication Protocol	TCP/IP, EtherNet/IP, RS232, MODBUS/TCP, RS232.



PRECISEFLEX 100

Max. Acceleration	1.0G with 500g payload
Max. TCP speed	1500 m/sl
Max. payload.	8 Kg
Degree of freedom	6
Reach	350 mm
Repeatability	+/-0.00006mm
Robot dimensions	may vary
ambient temperature range	0°C a 50°C
Communication Protocol	TCP/IP, EtherNet/IP, RS232, MODBUS/TCP, RS232.



