JAKA®

Robotics Information Package

Just Always Keep Amazing

JAKA

01

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About Jaka Robotics

About JAKA Robotics

JAKA®
Free Your Hands By JAKA

Focus on the research and development of next-generation **collaborative robots** and **smart factory innovation**.

Free Your Hands By JAKA

Jaka Robotics is founded in 2014, committed to transforming robots from "professional equipment" into simple and easy-to-use "tools" and popularizing them in every corner of the world.

In 2024, Jaka Robotics has deployed a high four-digit number of robots globally, serving the production lines of many renowned brands in automotive and electronics industries, as well as engaging in direct consumer contact service by work in many new consumer fields.

From Value Creation to Value Delivery

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Phase 1 : Develop Tecnology

2014

JAKA Robotics was founded in Shanghai

2015

The development of the new generation of collaborative robots was initiated after the successful commercialization of robot applications, and it aimed to create an intelligent packaging solution for the dairy industry.

Phase 2: Product Expansion

2016

Changzhou production base and Shanghai R&D center inauguration.

Completed Series A financing

2017

Release of the JAKA Zu series, first of its kind in China.

The automatic packaging system was recognized as a Shanghai high-tech technology transformation project

Phase 3: Market Scalability

2018

Won two awards for new intelligent manufacturing modes from the Ministry of Industry and Information Technology.

Obtained various international certifications such as CR, ISO9001, and EU CE.

Completed A+ round of financing.

2019

Established strategic partnerships with many multinational automotive and electronics companies.

Awarded the TIA Industrial Design Award

Completed Series B financing.

Phase 4: Globalization

2020

Achieved the title of "Shanghai Science and Technology Little Giant Enterprise“

Completed the deployment of the service team in Japan

Established a branch in Shenzhen

Completed Series C financing.

2021

Won the National Specialized and Innovative "Little Giant" Enterprise Title.
Won the First Prize of Shanghai Key Product Quality Public Relations Achievements.

Launched the MiniCobo, starting a new business layout.

Phase 5: Expand our Ecosystem

2022

JAKA Pro series is launched specifically for harsh working conditions.

Completed D-round financing

2023

Established our German subsidiary to expand our oversea business
.

2024

Deploy a high four-digit number of robots world-wide and achieve a doble digit global market share.

Certifications and Patents

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Certifications:


CR


CE(EMC)


CE(MD)


ISO14001


ISO 9001


ISO 15066


ISO 13849


MTBF 80,000h

Patents:

200+ patents

Process: ISO 140001, ISO 9001

Product: CE.,RoHS, CR

Security: ISO 15066, ISO 13849

Quality: 80,000h MTBF. ISO 9238

Applications: SEMI

JAKA Robotics International Set Up

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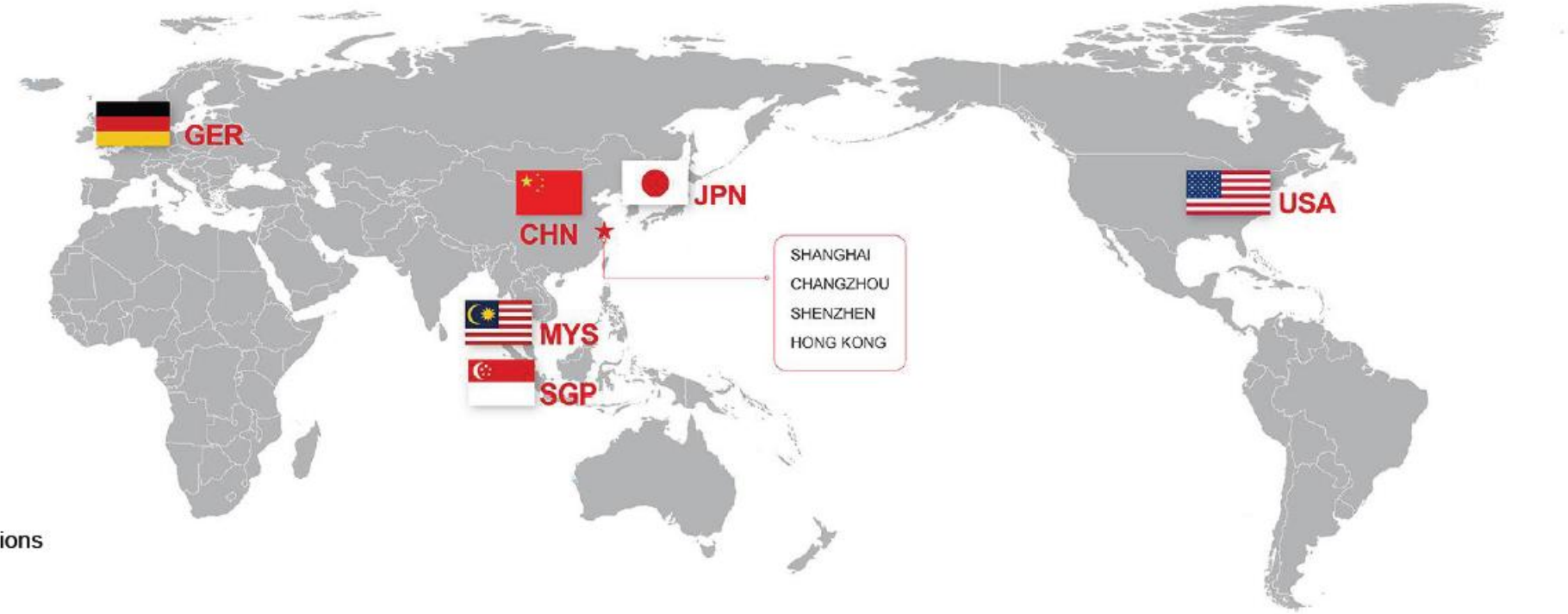
Global presence with 9 branches and extensive market coverage worldwide.

9
Major branches

20+
Nationalities

100+
Countries and Regions




NUREMBERG·GERMANY


PENANG·MALAYSIA


SHANGHAI·CHINA


CHANGZHOU·CHINA


SHENZHEN·CHINA


NAGOYA·JAPAN


PHOENIX·USA

Global Accounts in Automotive, Electronics and General Industries

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02

Go To Market

Key Facts – Robotics

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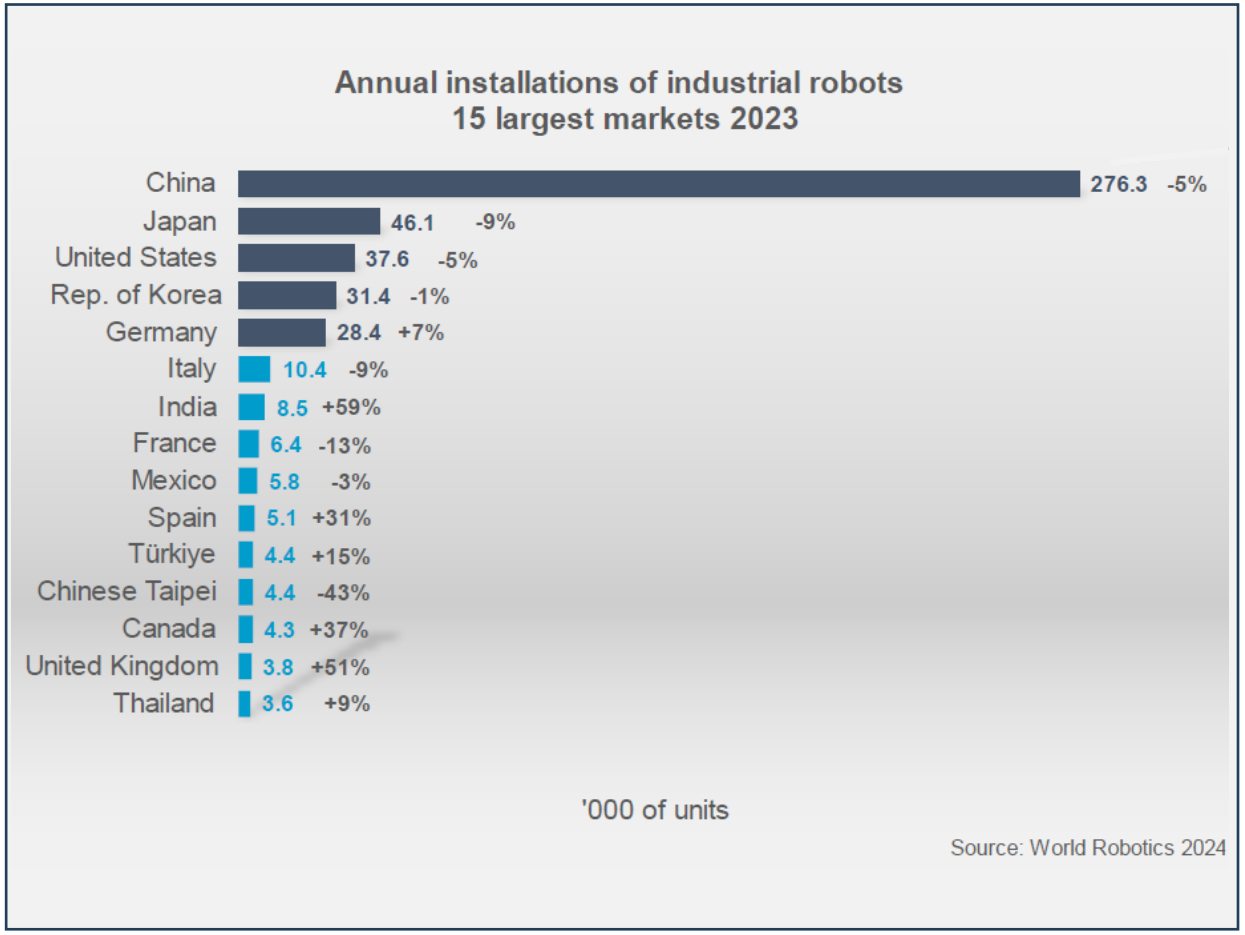
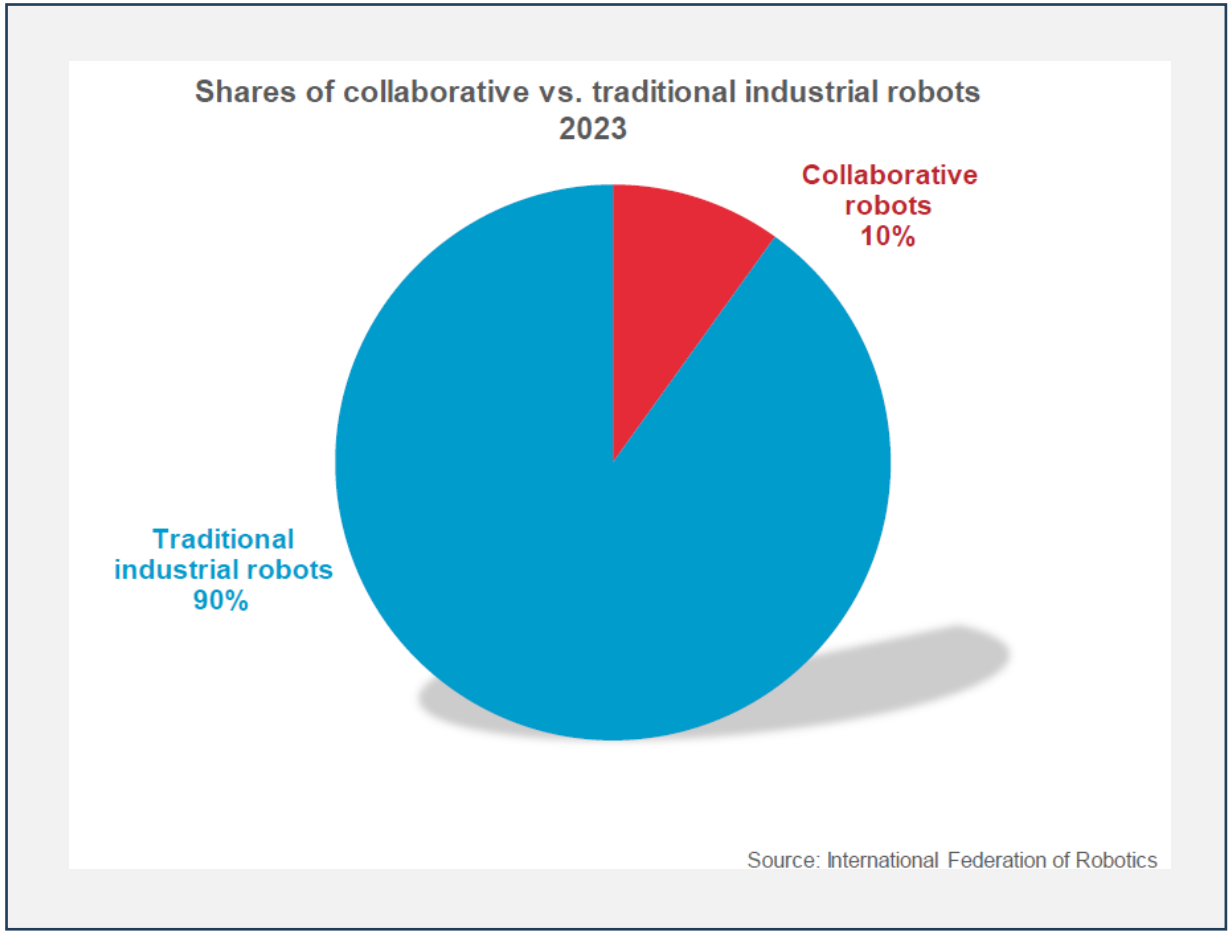
Global installation of industrial robots and share of collaborative robots (cobots)





Key Facts – Collaborative Robots

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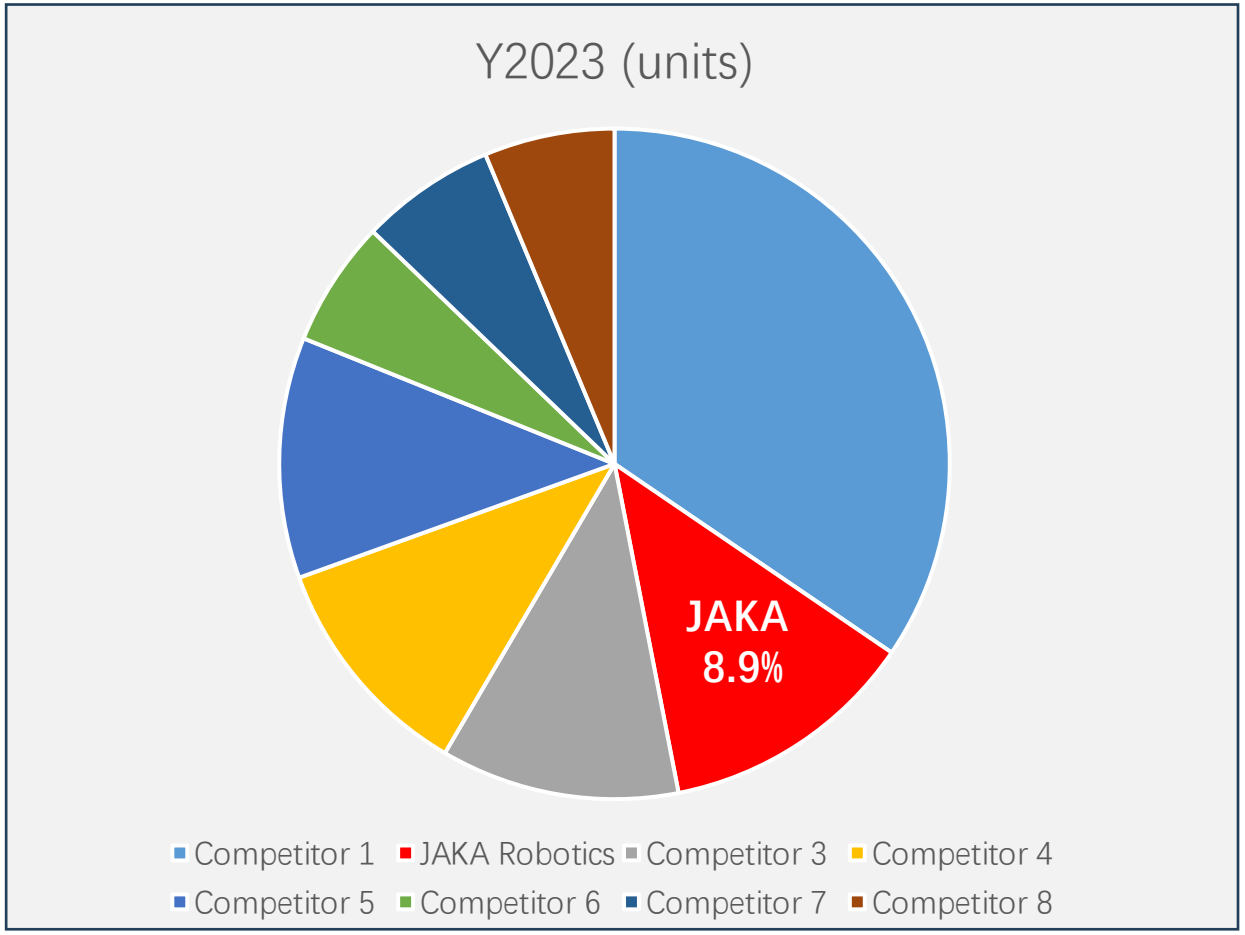
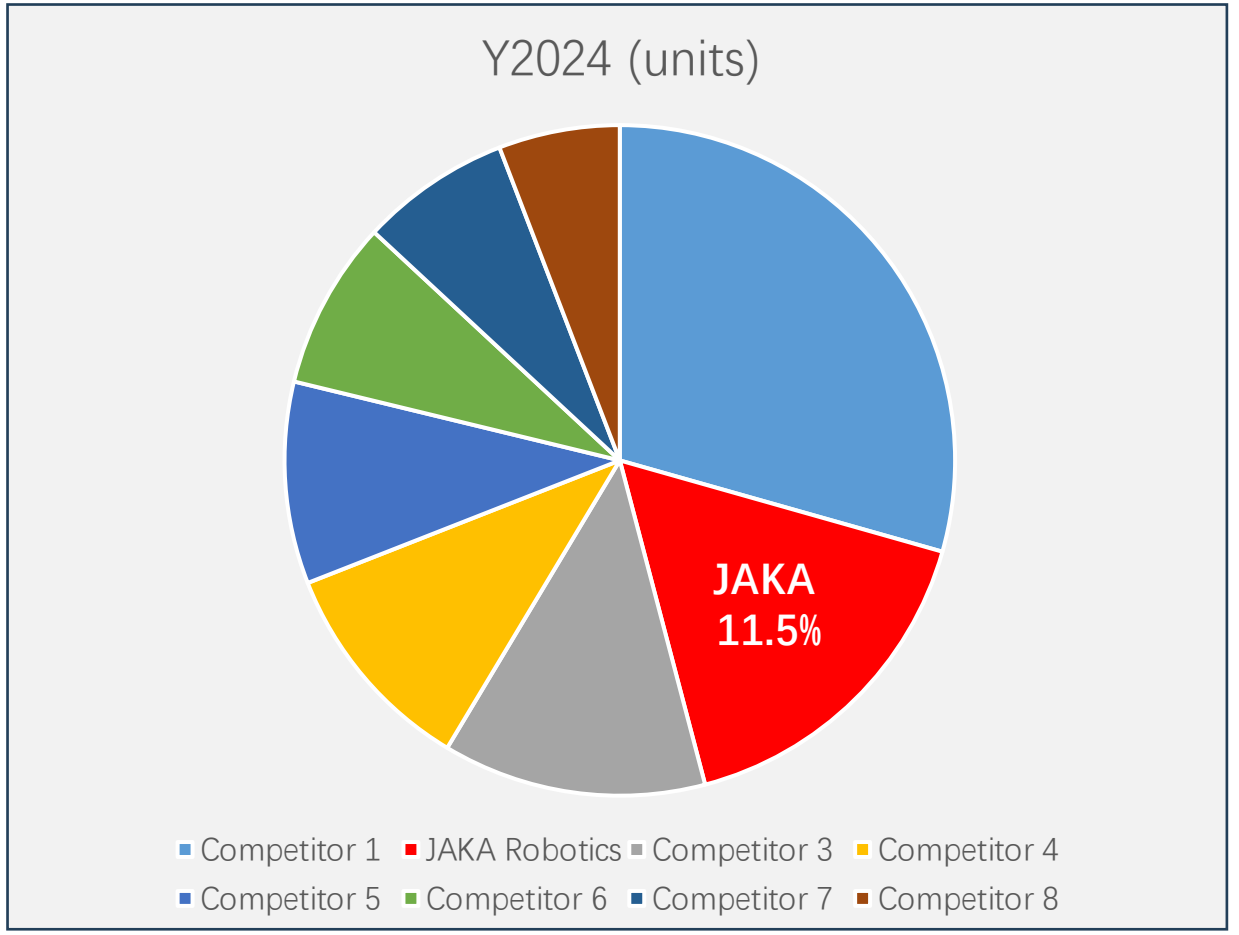
Market for Cobots developed plus 24.6% from 2023 to 2024





What are differences in deployment ?

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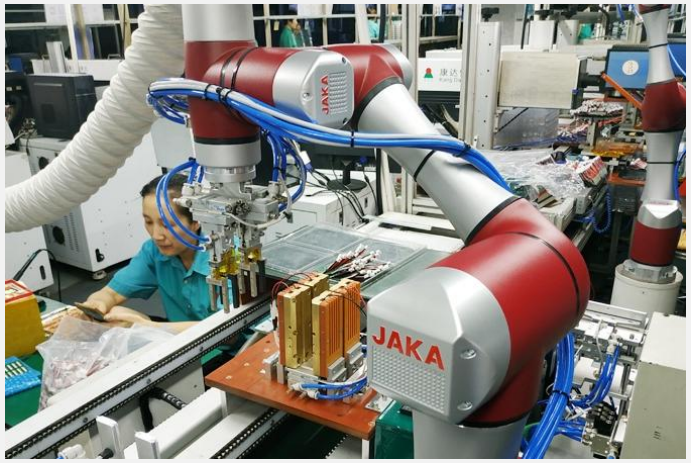
Comparison of cobots application areas compared to traditional industrial robots



VS

- Workplace-oriented production
- Small batch sizes, order-specific
- Robot works in the area of employees
- Small to medium payloads

- Mainly production lines
- High volumes, series production
- Working area is fully encapsulated
- Medium to high payloads

What are the advantages of Cobots?

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- Fast commissioning
- Easy-to-learn programming
- Comfortable hand positioning (Free Drive Mode)
- High accuracy (0.03mm) with wide range of payloads
- Reduced safety requirements (ISO 13849)
- Simple design, repair and calibration
- Wide range of applications
- Automation opportunity for new markets
- Cost-effective entry into robotics

JAKA Robotics – go to market

Push: from Products to Industries, **Pull**: from Industries to Products

Industries

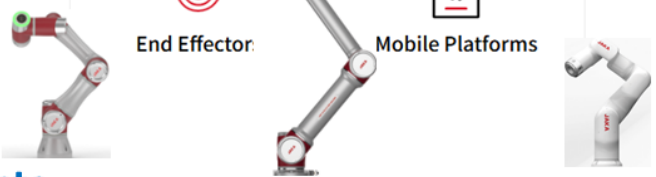
Food & Beverage
Research and Education
Metal Manufacturing
Commercial Markets
Automotive
Electronics

Applications

Screwdriving
Flexible Assembly
Flexible Grasping
Gluing
Handling
Packing
Palletizing
Loading and Unloading

Products

Vision
End Effector
Mobile Platforms
Software



Push

Pull

End users, JAKA global key accounts

BYD flex. AUO DENSO TOYOTA

JAKA value add partners

JAKA and JAKA+ Ecosystem partners

JAKA OnRobot SICK Sensor Intelligence. ...

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Industries and Application Scenarios

Industries - Automotive

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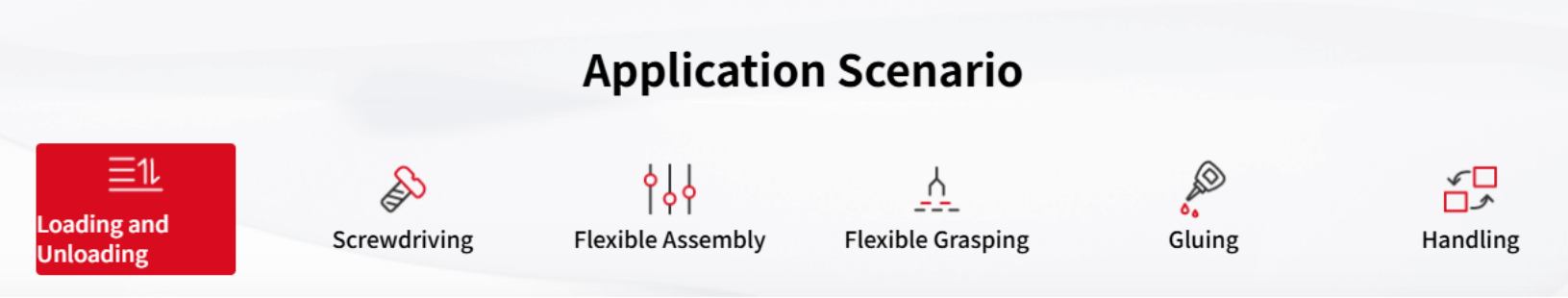
- Collaborative robots are becoming a key enabler of innovation and efficiency in Automotive.
- They help manufacturers stay competitive and fill labour gaps by taking on repetitive and precision-driven tasks.
- Thanks to intuitive programming and advanced safety features, cobots help businesses to streamline production, enhance flexibility, and create semi-automated application scenarios

Machine tending Toyoda



https://www.jaka.com/en_eu/industry/Automotive

Automotive – Loading / Unloading

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Automotive – Lights Out Factory

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VDI Verlag,VDI-Platz 1,40468
ZK2 66867 CLASSIC44 PP Deuts
Jaka Robotics GmbH
Herrn Wolfgang Ltenke
Breslauer Str. 10
90766 Fürth

VDI nachrichten

19. September 2025 · Nr. 19 TECHNIK WIRTSCHAFT GESELLSCHAFT Einzelpreis 5,70 Euro

Im Dunkeln fliegen Späne

Fokus: Die voll automatisierte Metallbearbeitung scheint inzwischen möglich. Ob sie auch wirtschaftlich ist, ist eine andere Frage.

Von Martin Ciupek

Fachkräftemangel und wirtschaftliche Gründe sind Treiber für die Automatisierung in der Metallbearbeitung. Teils ist sogar von „Lights-out-Factories" die Rede, in denen Prozesse voll automatisiert laufen. „Asien investiert massiv in standardisierte Großsysteme für den 24/7-Betrieb. In den USA dominieren Lights-out-Strategien, gerade in Aerospace und Medizintechnik", berichtet im Vorfeld der Messe EMO Hannover Harald Neun, Geschäftsführer für Vertrieb und Service in DACH und Nordics bei DMG Mori.

Dazu ergänzt Nils Tersteegen, Marketing-Manager bei Fanuc Deutschland: „Bei Fanuc in Japan läuft die komplette Roboterproduktion inklusive eines großen Teils der Zerspanung bereits seit vielen Jahren voll automatisiert. Für die Serienfertigung mit gleichbleibenden Bauteilen ist eine Lights-out-Factory technisch also umsetzbar." Müssten Produkte allerdings häufig angepasst werden, stoße dieser Ansatz an Grenzen. Die voll automatisierte Zerspanung sei deshalb ein im industriellen Alltag nicht immer wirtschaftlich sinnvolles Modell.

Neuen Schwung erhalten die Automatisierungsbemühungen produzierender Unternehmen durch den Einsatz von KI. Michael Zäh, Präsident der Wissenschaftlichen Gesellschaft für Produktionstechnik (WGP), sieht die deutschen Metallverarbeiter beim KI-Einsatz im internationalen Vergleich zwar nicht als Nachzügler. Er sagt aber auch: „Die Branche insgesamt hat da für meine Begriffe einfach noch zu wenig Fortschritte gemacht." Unternehmen empfiehlt er, sich zu informieren: „Suchen Sie nach solchen Lösungen. Das lohnt sich!" 20

ne Agentur für
rsorgungssicherheit

ZITAT
„Der Schlüssel ist Kooperation.

Die Zukunft der Arbeit:
Weniger ist mehr

Industries - Electronics

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- The 3C electronics and industries face increasing pressure for faster product cycles, higher customization, and precise manufacturing.
- Collaborative robots offer a flexible and scalable automation solution. With a range of programming options cobots allow for fast setup, minimizing downtime and reducing training time.
- By automating repetitive tasks, cobots reduce labour costs, enhance safety, and speed up ROI, enabling manufacturers to stay competitive.

PCBA board Gluing

https://www.jaka.com/en_eu/industry/_Electronics

Electronics – PCBA Board Gluing

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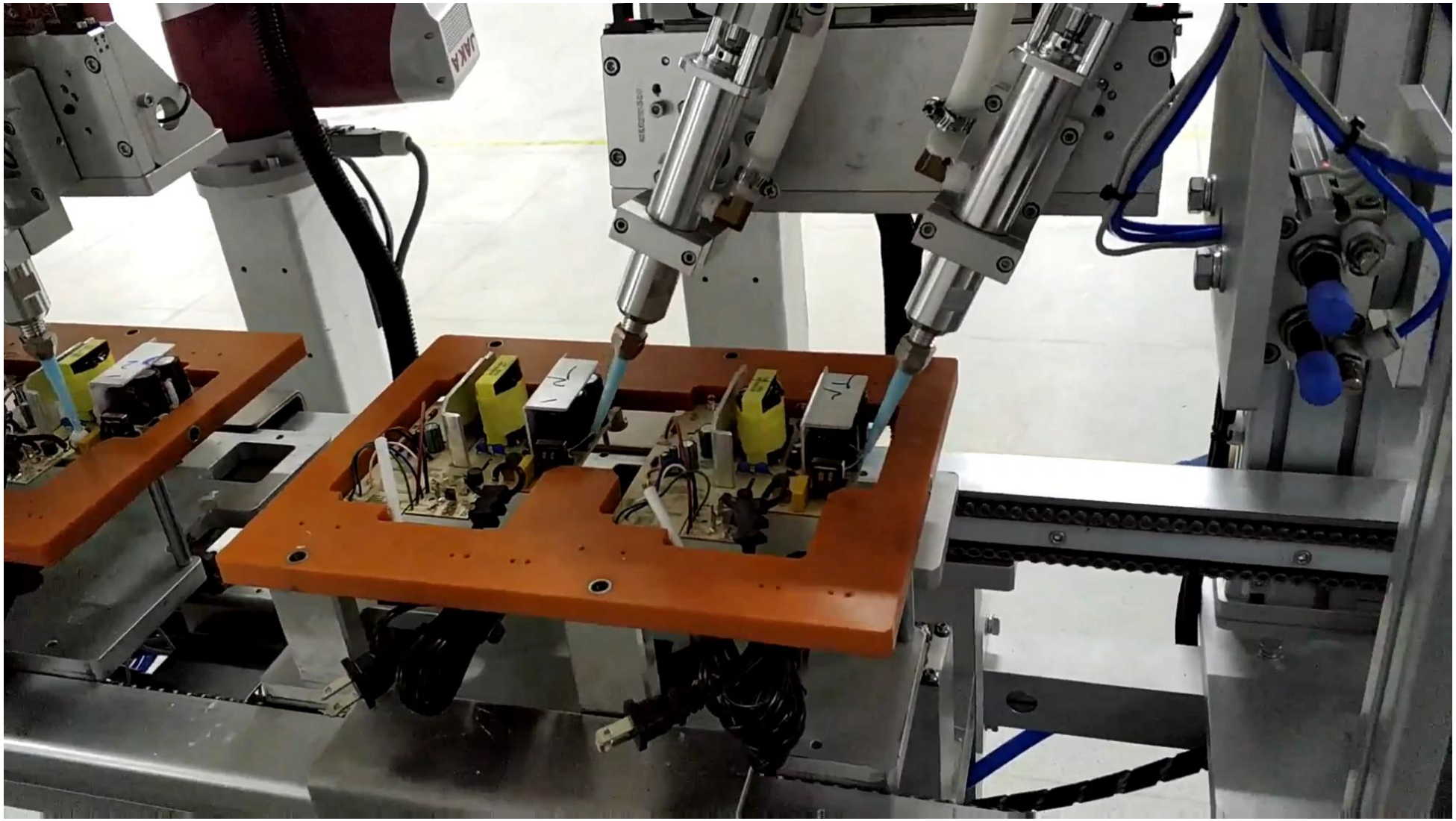

Industries - Food & Beverage

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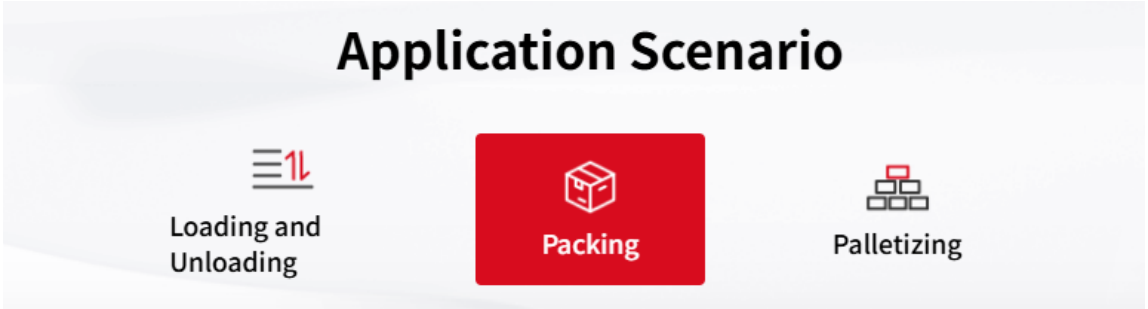
- Food industry demands personalization, with a wide variety of products.
- Companies are accelerating the automation transformation of their production lines to reduce labour intensity, improve efficiency and quality.
- Collaborative robots have been widely applied in material feeding, line transport, carton forming, unpacking, loading and unloading, and palletizing.

Box Packing



https://www.jaka.com/en_eu/industry/Food_&_Beverage

Food & Beverage – Box Packing

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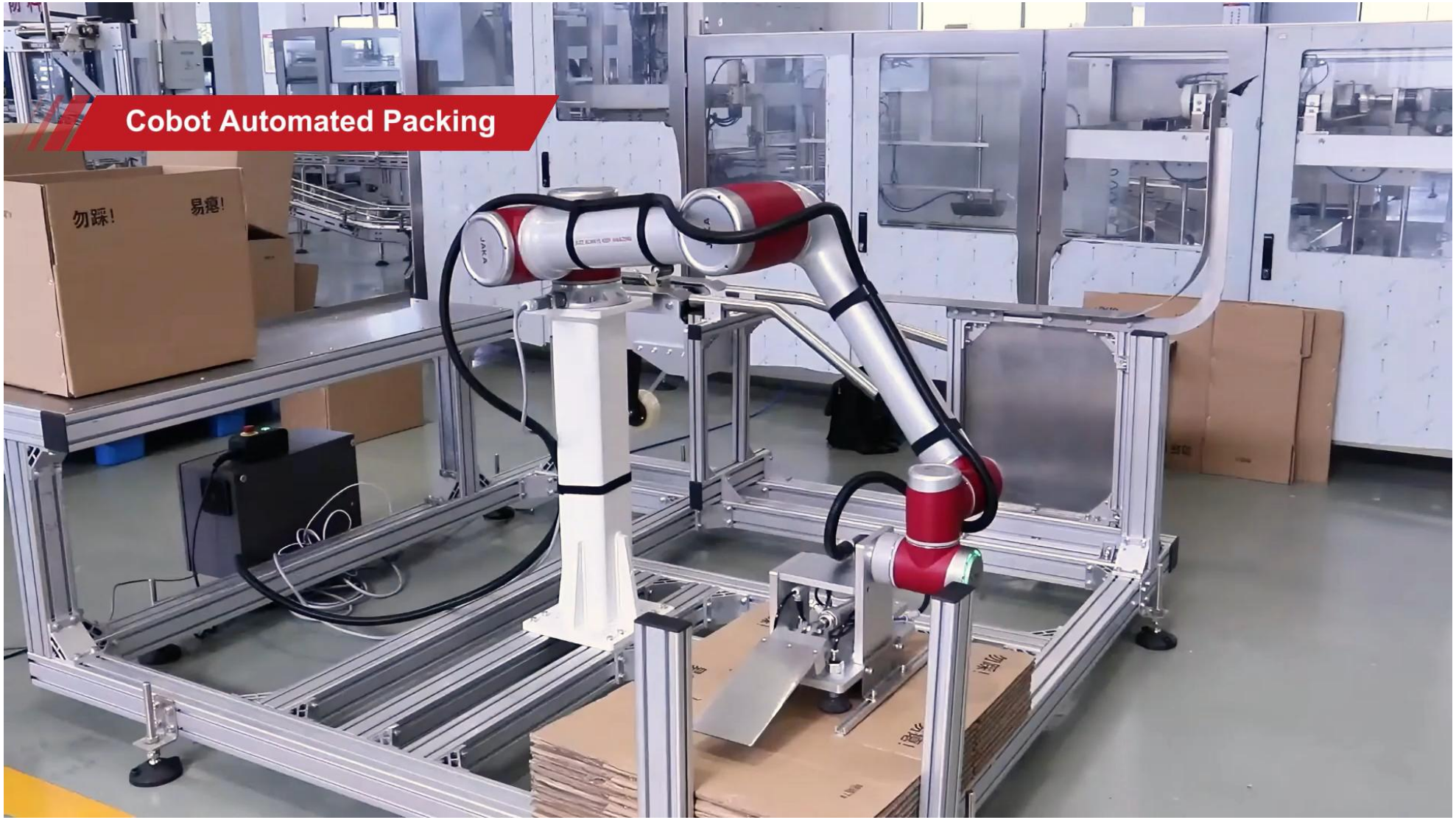

Industries – Metal Manufacturing

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- In metal manufacturing, tasks like machine tending, cutting, welding, and component inspection are repetitive, hazardous, and require intense focus..
- Finding skilled workers has become increasingly difficult. To remain competitive, manufacturers must introduce automation.
- Collaborative robots offer flexible, plug-and-play automation solutions like welding and loading / Unloading.

MIC/MAC / TIC Welding

https://www.jaka.com/en_eu/industry/Metal_Manufacturing

Metal Manufacturing - Welding

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Research & Education

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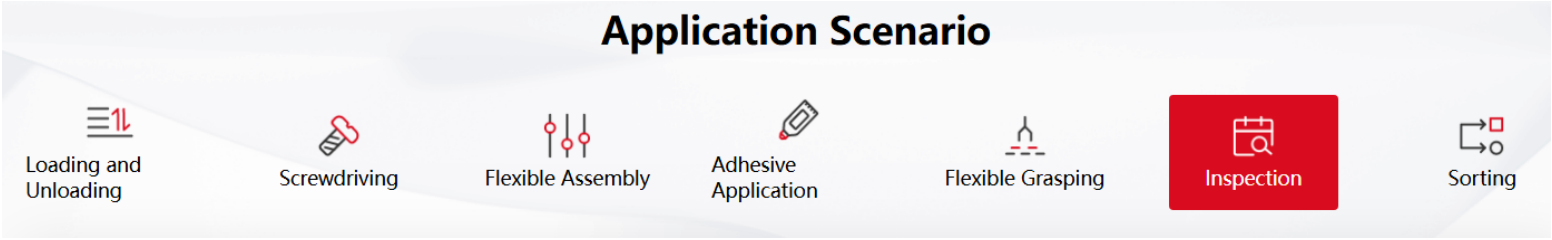
- With the increasing application of collaborative robots, the demand for skilled talent in related fields continues to grow.
- JAKA Robotics, leverages its experience in the industrial sector to engage in collaborations with vocational and higher education institutions.
- This aims to bridge the industrial, technological, innovation, with educational organisations, promoting cooperation among universities, enterprises, and research institutions, thus facilitating high-quality development of industry-education integration.



https://www.jaka.com/en_eu/industry/Research_&_Education

Classroom training for programming and applications

Research & Education – Classroom training set

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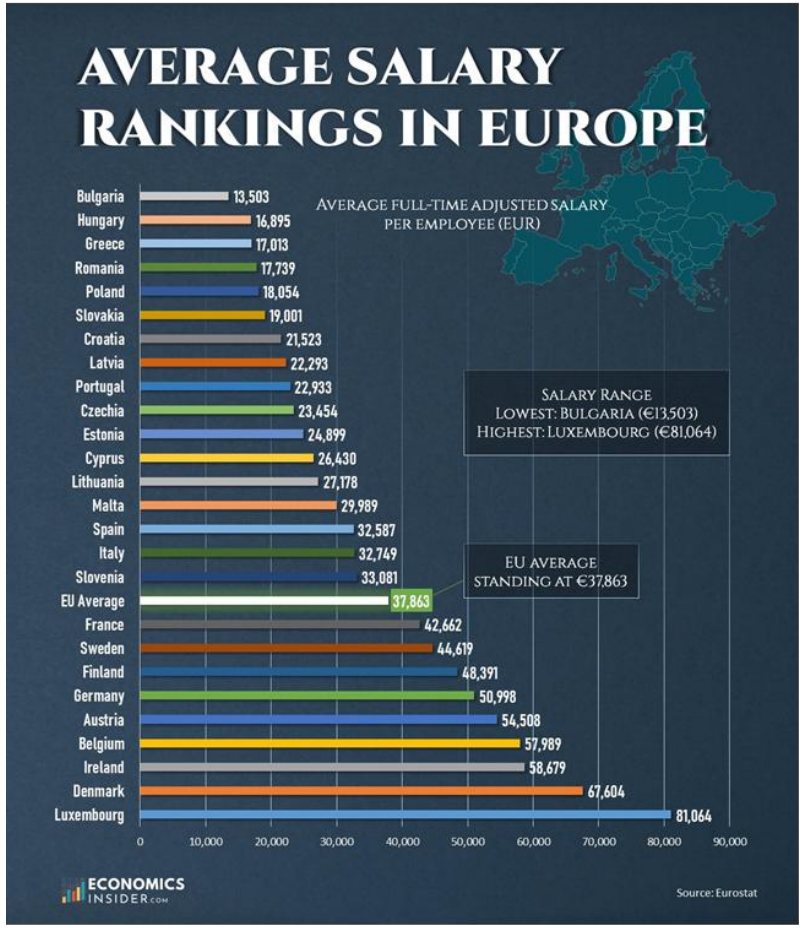
04

Standard and Partner Applications

Market view – application and solutions

The selling price of standard solutions is determined by labour costs and ROI



- Small to medium companies are looking for an return of invest (ROI) of 1 year, larger companies accept up to 1.5 years
- In Europe the averages salary including social benefits of skilled worker (Industriefacharbeiter) is around 38k EUR
- For example in Germany the price of a standard solution needs to be around 50K EUR and cannot exceed 75k EUR.
  - ✓ Standard solutions need to fulfil these requirements in order to achieve a reasonable number in sales.
  - ✓ Cost optimizing can be achieved by standardization, cross purchasing, bulk purchasing, innovation
  - ✓ This requires close collaboration of all partners / ecosystem

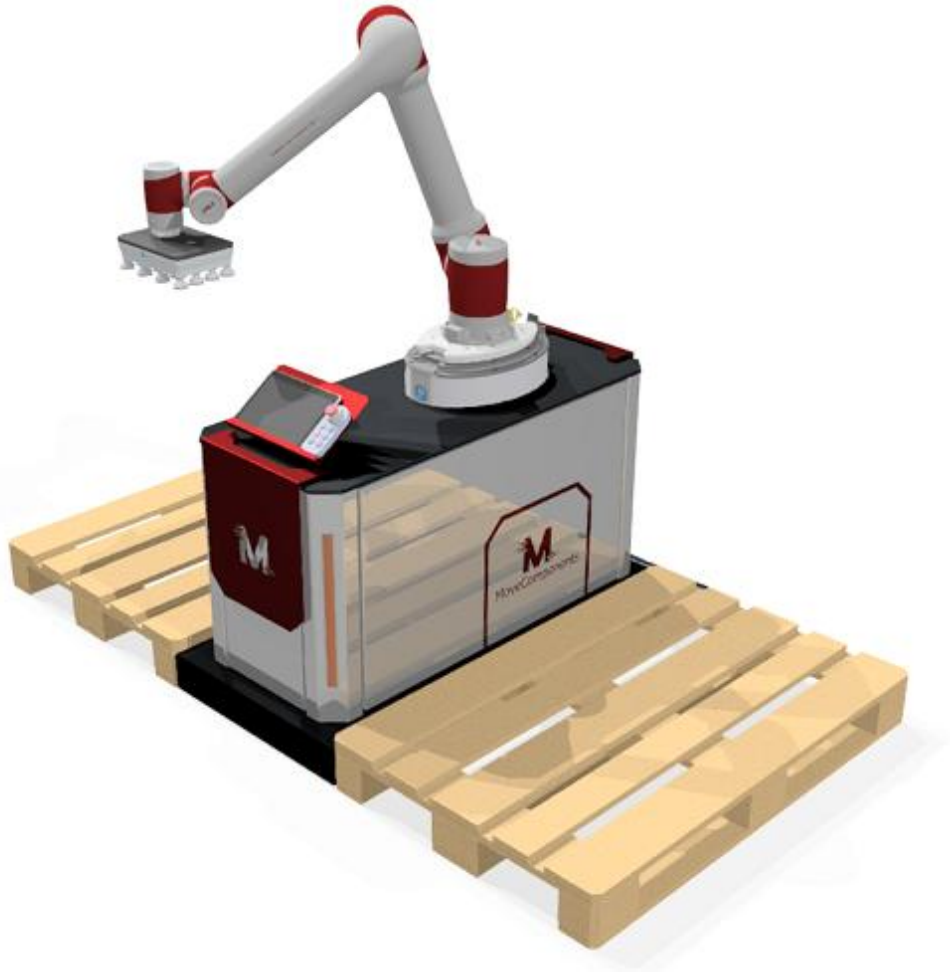
Palletizing Automation

Palletizer - Key Features:

- Steel coated base frame to be moved with a pallet truck
- Fixed pillar with mounting plate for Jaka Pro16 / Zu20.
- Jaka Zu / Jaka Pro with controller, load capacity is 16kg / 20kg, working range 1713 / 1780 mm
- Two sensors for pallet detection
- Fixed zero point for both pallets
- Reset button per pallet position
- Integrated LED lighting on both sides
- Touch PAD for operation with OnRobot D:PLOY / Jaka Zu APP
- Dimensions base frame: 800x1200x780 (width x length x height)
- Footprint with pallets: 2400x1200 (width x length)
- Optional: prepared for OnRobot lift 100

Sales / Ordering:

Just Automate BV
Groenewoud 29A, 5151 RM Drunen,
Netherlands E-Mail: info@justautomate.nl



Move Components / Just Automate

Machine Tending Automation

Machine Tending base

- Steel coated base frame to be moved with a pallet truck
- Adjustable feet for levelling and mounting plates for connection to the floor.
- Two mounting positions for Jaka Zu-12.
- Fixed position Jaka pad holder/hand switch.
- Built in cabinet for Jaka CAB and OR:BASE

Machine Tending Top Plate

- Aluminum anodized plate.
- Flat steel base plate.
- Steel grid plate (different sizes possible) with storage for grid plates.

Center positions

Center position for raw material.
Center position for one side machined material.

Sales / Ordering:
Just Automate BV
Groenewoud 29A, 5151 RM Drunen,
Netherlands E-Mail: info@justautomate.nl

Move Components / Just Automate

Automation table for Cobots

Technische Daten:

- Größe LxBxH: 808x560x905 mm
- Tragfähigkeit: 400 kg
- Vorbereitet für JAKA-Cobots
- Front Interface mit Hauptschalter, Wartungssteckdose, RJ45 und USB
- Spannungsversorgung 230 VAC
- Druckluftversorgung 4-6 bar, Nippel NW 7,2mm
- Getrennte Schaltschränke für Elektrik und Pneumatik
- Tischplatte aus Aluprofilen (10mm-Nut)
- Incl. Montageplatte für alle gängigen Cobots
- Incl. Bohrungen zur Verkankerung im Boden
- Vorbereitet für den Transport mit Flurförderfahrzeugen
- Robuste, widerstandfähige Konstruktion widersteht dem rauen Industriealltag

Optionales Zubehör:

- Leuchtmelder in verschiedenen Farben
- Umrichtstation für maximale Präzision beim Positionieren
- Kamera in 2D oder 3D, zum Teile aufnehmen oder für Qualitätskontrolle
- Beistelltische (fixierbar) für KLTs
- Sicherungssystem mit Radarsensoren

Sales / Ordering:
Schweiger Group
Ohmstr. 1, 82054 Sauerlach
E-Mail: info@schweiger-group.de

Welding

Sales / Ordering:
Akon Robotics
Oppenheimerstraße 21, 28307 Bremen
E-Mail: info@akon-robotics.de

Jaka Education package

Education package with Minicobo and portable box

Portable and easy-to-use Package
Integrated portable case, quick installation, easy to move, making it an ideal choice for vocational training in schools and training engineers in enterprises.

Components
Desktop six-axis Cobot (Minicobo)
Electric vacuum gripper (Jaka)
vision camera (Jaka)
Module box
Tic-tac-toe module

05

Product Portfolio and new Releases

JAKA Zu Series Product Range

	Product parameters	JAKA Zu® 3		JAKA Zu® 5		JAKA Zu® 7		JAKA Zu® 12		JAKA Zu® 18		JAKA Zu® 20	
Product features	Maximum payload	3kg		5kg		7kg		12kg		18kg		20kg	
	Weight	12kg		23kg		22kg		41kg		35kg		68kg	
	Reach	626mm		954mm		819mm		1327mm		1073mm		1780mm	
	Accuracy	±0.02mm		±0.02mm		±0.02mm		±0.03mm		±0.03mm		±0.05mm	
	Number of axis	6		6		6		6		6		6	
	Programming	Drag teaching and graphic programming		Drag teaching and graphic programming		Drag teaching and graphic programming		Drag teaching and graphic programming		Drag teaching and graphic programming		Drag teaching and graphic programming	
	Teach pendant	PC, mobile (PAD/mobile)		PC, mobile (PAD/mobile)		PC, mobile (PAD/mobile)		PC, mobile (PAD/mobile)		PC, mobile (PAD/mobile)		PC, mobile (PAD/mobile)	
Movement	Robot joint	Working range	Maximum speed	Working range	Maximum speed	Working range	Maximum speed	Working range	Maximum speed	Working range	Maximum speed	Working range	Maximum speed
	Joint 1	±360°	180°/s	±360°	180°/s	±360°	180°/s	±360°	120°/s	±360°	120°/s	±360°	120°/s
	Joint 2	-85°,+265°	180°/s	-85°,+265°	180°/s	-85°,+265°	180°/s	-85°,+265°	120°/s	-85°,+265°	120°/s	-85°,+265°	120°/s
	Joint 3	±175°	180°/s	±175°	180°/s	±175°	180°/s	±175°	120°/s	±175°	180°/s	±175°	120°/s
	Joint 4	-85°,+265°	220°/s	-85°,+265°	180°/s	-85°,+265°	180°/s	-85°,+265°	180°/s	-85°,+265°	180°/s	-85°,+265°	220°/s
	Joint 5	±360°	220°/s	±360°	180°/s	±360°	180°/s	±360°	180°/s	±360°	180°/s	±360°	220°/s
	Joint 6	±360°	220°/s	±360°	180°/s	±360°	180°/s	±360°	180°/s	±360°	180°/s	±360°	220°/s
	Maximum linear speed	/	1.5m/s	/	3m/s	/	2.5m/s	/	3m/s	/	3.5m/s	/	1.5m/s
Specifications	Nominal power consumption	150W		350W		350W		500W		600W		750W	
	IP classification	IP54		IP54		IP54		IP54		IP54		IP65	
	Tool end I/O interface	Digital input 2		Digital input 2		Digital input 2		Digital input 2		Digital input 2		Digital input 2	
		Digital output 2		Digital output 2		Digital output 2		Digital output 2		Digital output 2		Digital output 2	
		Analog input 1		Analog input 1		Analog input 1		Analog input 1		Analog input 1		Analog input 1	
	Base diameter	129 mm		158 mm		158 mm		188 mm		188 mm		246 mm	
Electrical cabinet	IP classification	IP44		IP44		IP44		IP44		IP44		IP44	
	I/O ports	16 digital inputs, 16 digital outputs, 2 analog inputs or outputs		16 digital inputs, 16 digital outputs, 2 analog inputs or outputs		16 digital inputs, 16 digital outputs, 2 analog inputs or outputs		16 digital inputs, 16 digital outputs, 2 analog inputs or outputs		16 digital inputs, 16 digital outputs, 2 analog inputs or outputs		16 digital inputs, 16 digital outputs, 2 analog inputs or outputs	
	Communication	TCP/IP, Modbus TCP, Modbus RTU, Profinet, Ethernet/IP		TCP/IP, Modbus TCP, Modbus RTU, Profinet, Ethernet/IP		TCP/IP, Modbus TCP, Modbus RTU, Profinet, Ethernet/IP		TCP/IP, Modbus TCP, Modbus RTU, Profinet, Ethernet/IP		TCP/IP, Modbus TCP, Modbus RTU, Profinet, Ethernet/IP		TCP/IP, Modbus TCP, Modbus RTU, Profinet, Ethernet/IP	
	Power	100-240VAC, 50-60Hz		100-240VAC, 50-60Hz		100-240VAC, 50-60Hz		100-240VAC, 50-60Hz		100-240VAC, 50-60Hz		100-240VAC, 50-60Hz	
	Size	410×307×235 (mm) (W×H×D)		410×307×235 (mm) (W×H×D)		410×307×235 (mm) (W×H×D)		410×307×235 (mm) (W×H×D)		410×307×235 (mm) (W×H×D)		410×307×235 (mm) (W×H×D)	
	Weight	13.5 kg		15.4 kg		15.4 kg		18 kg		18 kg		18 kg	

JAKA Pro Series Product Range

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	Product parameters	JAKA Pro 5		JAKA Pro 12		JAKA Pro 16	
Product features	Maximum payload	5kg		12kg		16kg	
	Weight	23.5kg		41kg		74kg	
	Reach	954mm		1327mm		1713mm	
	Accuracy	±0.02mm		±0.02mm		±0.02mm	
	Number of axis	6		6		6	
	Programming	Drag teaching and graphic programming		Drag teaching and graphic programming		Drag teaching and graphic programming	
	Teach pendant	PC, mobile (PAD/mobile)		PC, mobile (PAD/mobile)		PC, mobile (PAD/mobile)	
Movement	Robot joint	Working range	Maximum speed	Working range	Maximum speed	Working range	Maximum speed
	Joint 1	±360°	180°/s	±360°	120°/s	±360°	120°/s
	Joint 2	-85°,+265°	180°/s	-85°,+265°	120°/s	-85°,+265°	180°/s
	Joint 3	±175°	180°/s	±175°	180°/s	±175°	180°/s
	Joint 4	-85°,+265°	180°/s	-85°,+265°	180°/s	-85°,+265°	180°/s
	Joint 5	±360°	180°/s	±360°	180°/s	±360°	180°/s
	Joint 6	±360°	180°/s	±360°	180°/s	±360°	180°/s
	Maximum linear speed	/	3m/s	/	3m/s	/	3.9m/s
Specifications	Nominal power consumption	350W		500W		350W	
	IP classification	IP68		IP68		IP68	
	Tool end I/O interface	Digital input 2		Digital input 2		Digital input 2	
		Digital output 2		Digital output 2		Digital output 2	
		Analog input 1		Analog input 1		Analog input 1	
	Base diameter	158 mm		188 mm		246 mm	
Electrical cabinet	IP classification	IP44		IP44		IP44	
	I/O ports	16 digital inputs, 16 digital outputs, 2 analog inputs or outputs		16 digital inputs, 16 digital outputs, 2 analog inputs or outputs		16 digital inputs, 16 digital outputs, 2 analog inputs or outputs	
	Communication	TCP/IP, Modbus TCP, Modbus RTU, Profinet, Ethernet/IP		TCP/IP, Modbus TCP, Modbus RTU, Profinet, Ethernet/IP		TCP/IP, Modbus TCP, Modbus RTU, Profinet, Ethernet/IP	
	Power	100-240VAC, 50-60Hz		100-240VAC, 50-60Hz		100-240VAC, 50-60Hz	
	Size	410×307×235 (mm) (W×H×D)		410×307×235 (mm) (W×H×D)		410×307×235 (mm) (W×H×D)	
	Weight	15.4 kg		18 kg		18 kg	

JAKA S Series Product Range

	Robot Model	JAKA S 5		JAKA S 12	
Basic Parameter	Payload	5 kg (11 lb)		12 kg (26.5 lb)	
	Reach	954 mm (37.6 in)		1327 mm (52.4 in)	
	Degrees of freedom	6		6	
	Typical consumption	350w		500w	
	Temperature	-10~50°C(14~122°F)		-10~50°C(14~122°F)	
Performance	Force/torque sensor	Force, x-y-z	Torque, x-y-z	Force, x-y-z	Torque, x-y-z
	Range	200N	24Nm	400N	48Nm
	Max affordable force	3000N	300Nm	3000N	300Nm
	Overall accuracy	1% F.S.	1% F.S.	1% F.S.	1% F.S.
	Distinguishability	0.1N	0.1Nm	0.1N	0.1Nm
Movement	Typical TCP speed	3 m/s (9.843 ft/s)	/	3 m/s (9.843 ft/s)	/
	Repeatability	±0.02 mm (±0.00079 in)	/	±0.03 mm(±0.00118 in)	/
	Joint	Working range	Maximum speed	Working range	Maximum speed
	Joint 1	±360°	180°/s	±360°	120°/s
	Joint 2	-85°~ +265°	180°/s	-85°~ +265°	120°/s
	Joint 3	±175°	180°/s	±175°	120°/s
	Joint 4	-85°~+265°	180°/s	-85°~+265°	180°/s
	Joint 5	±360°	180°/s	±360°	180°/s
	Joint 6	±360°	180°/s	±360°	180°/s
Physical	IP classification	IP 65		IP 65	
	Robot mounting	Any orientation		Any orientation	
	Footprint	Ø158mm, M8x4		Ø188mm, M8x4	
	Materials	Aluminium, PC		Aluminium, PC	
	Robot connection cable length	6 m (236 in)		6 m (236 in)	
	Weight	23 kg (50.7lb)		41 kg (90.4lb)	
	Humidity	10~90% RH		10~90% RH	

JAKA Minicobo Product Range

JAKA MiniCobo

Product description

The JAKA MiniCobo is a lightweight and compact robot, easy to set up in many different work environments. It offers strong performance and flexibility with simple tools for customization.

With its small size, quiet operation, and sleek look, the JAKA MiniCobo is perfect for industries like education, retail, and services. Its cost-effective design makes it an ideal entry point for businesses looking to start their automation journey.

Ideal for B2C | Cost-effective | Lightweight

Weight	Payload	Reach	Accuracy
9.4kg	1.0kg	580mm	±0.1mm

Application scenarios

	Product parameters	MiniCobo	
Product features	Maximum payload	1kg	
	Weight (W cable)	9.4kg	
	Reach	580mm	
	Accuracy	±0.1mm	
	Number of axis	6 axes	
	Programming	Graphical programming, free-drive	
	Teach pendant	MT PAD/Mobile APP	
	Collaborative operation	Accordance with GB 11291.1-2011	
Movement	Robot joint	Working range	Maximum speed
	Joint 1	±360°	180°/s
	Joint 2	±120°	180°/s
	Joint 3	±150°	180°/s
	Joint 4	±360°	180°/s
	Joint 5	±120°	180°/s
	Joint 6	±360°	180°/s
	Maximum linear speed	/	1.5m/s
Specifications	Nominal power consumption	150W	
	Operational temperature	0-50℃	
	IP Specification	IP40	
	Robot mounting angle	Any orientation	
	Tool end I/O interface	Digital input 2	
		Digital output 2	
		Analog input 1	
	Tool I/O power	24DC	
	Tool I/O size	M8	
	Materials	Aluminum, PC	
	Base diameter	124mm	
	Cable length	6m	
Electrical cabinet	Device	20-60VDC	
	Iout	≤40A	
	Size	180×128×47(mm)(L×W×H)	
	IP Level	IP20	
	I/O	7 Digital input I/O configurable	
	I/O Power	24VDC	
	Fixed Form	Panel/Guide Rail	
	Interface	TCP/IP, Modbus TCP, Modbus RTU, Profinet, Ethernet/IP	
	Weight	1.1kg	
	Material	AL, Steel	

Touch II

Performance

Screen	LCD, 12.1 inches, dpi 2000 × 1200
User interface	USB (Supports software upgrades and data transfer)
Touchscreen Type	Capacitive, multi-touch
Physical buttons	Three-axis joystick / Functional buttons × 6
Operating temperature	-20~60℃(-4~140℉)

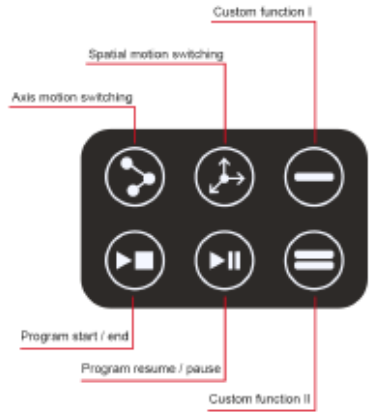
Features

Enclosure type	IP65
Environmental humidity	10~90%RH
Reliability	Drop protection ≤ 1.2m

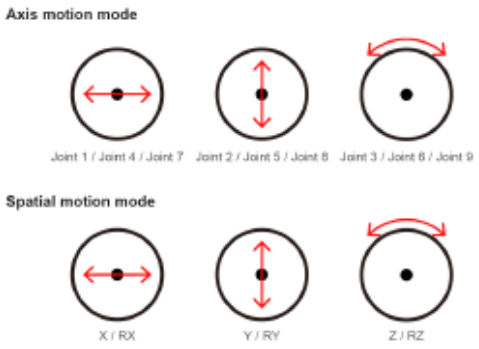
Physical

Material	ABS+PC, Aluminum
Net weight	1.2 kg / 2.64 lbs (excluding cable)
Cable length	6 m / 236 inches
Dimensions	358 mm x 200 mm x 86.5 mm / 14.1 in x 7.9 in x 3.4in

Touch II Physical Button Function

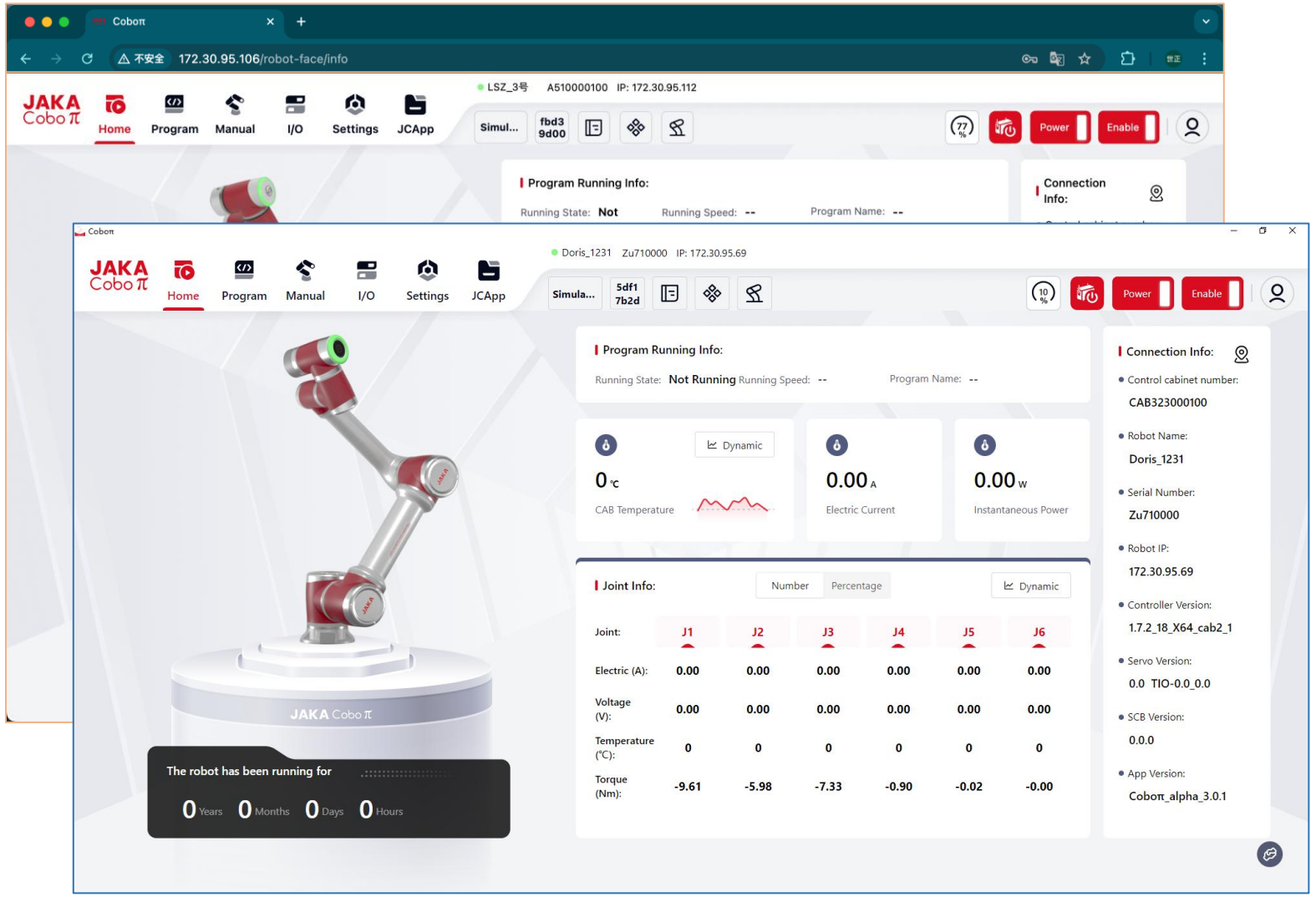


Touch II Joystick Function



*For detailed function descriptions and usage instructions please refer to the user manual.

Jaka Web Based APP Coboπ



Cross-Platform

- Supporting users to access Coboπ on multiple operating systems and devices

Flexible Deployment

- Ready to Use, Out of the Box, reduce operational expenses

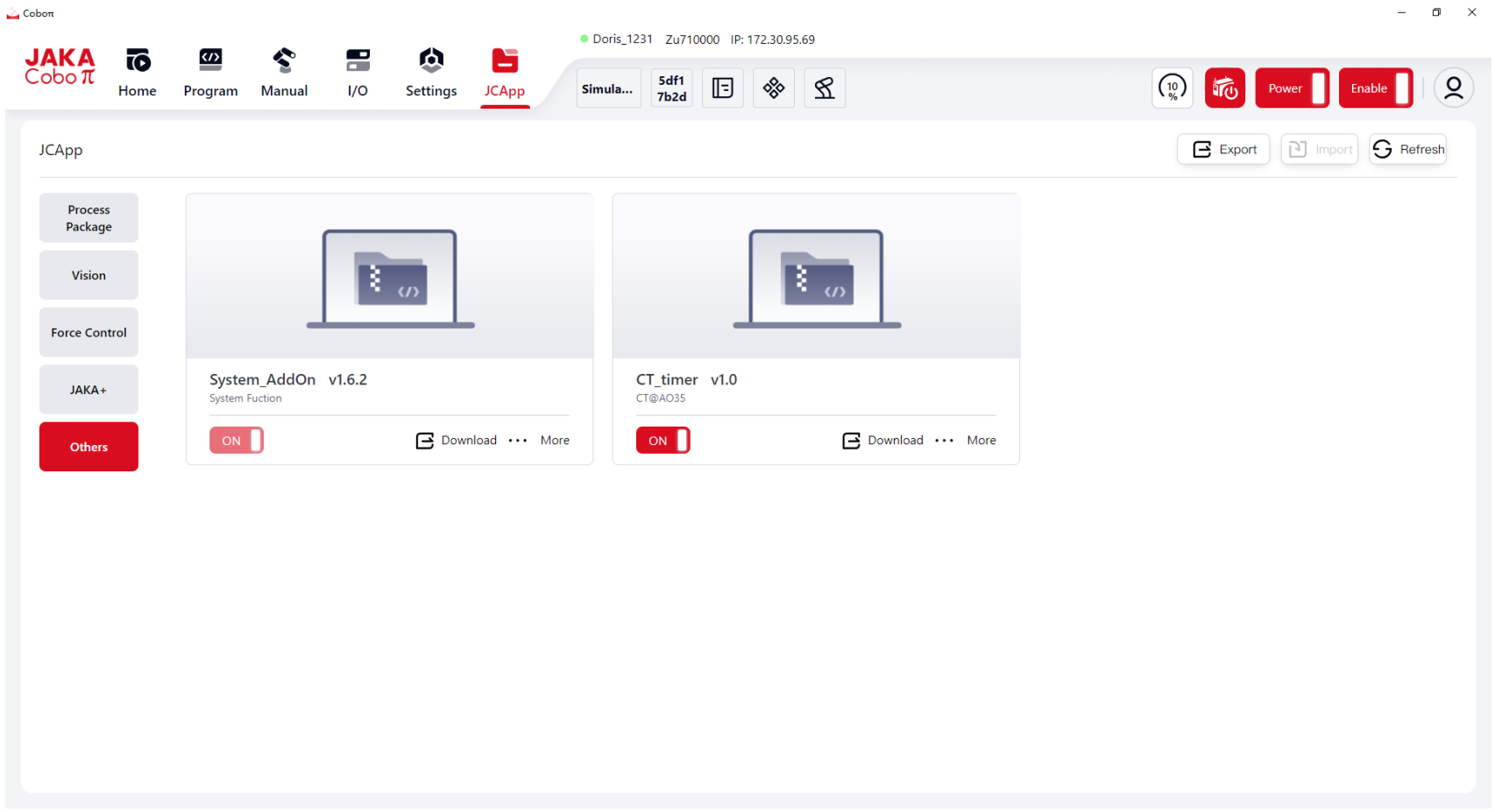
User Experience

- Building an intuitive UI to ensure simple and smooth operation

Customization

- Flexible Expansion, fast Integration

JCApp – Jaka Application Center



Characteristics

- supports users to import, export application packages

JC App current categories are:

- Process Package
- Vision
- Force control
- JAKA+
- Others

JAKA®

Contact information:

AESA GmbH

Alfred-Nobel-Str.3

30926 Seelze, Germany

Phone: +49 511 35338-450

E-Mail: info@aesa-deutschland.de

Just Always Keep Amazing

JAKA