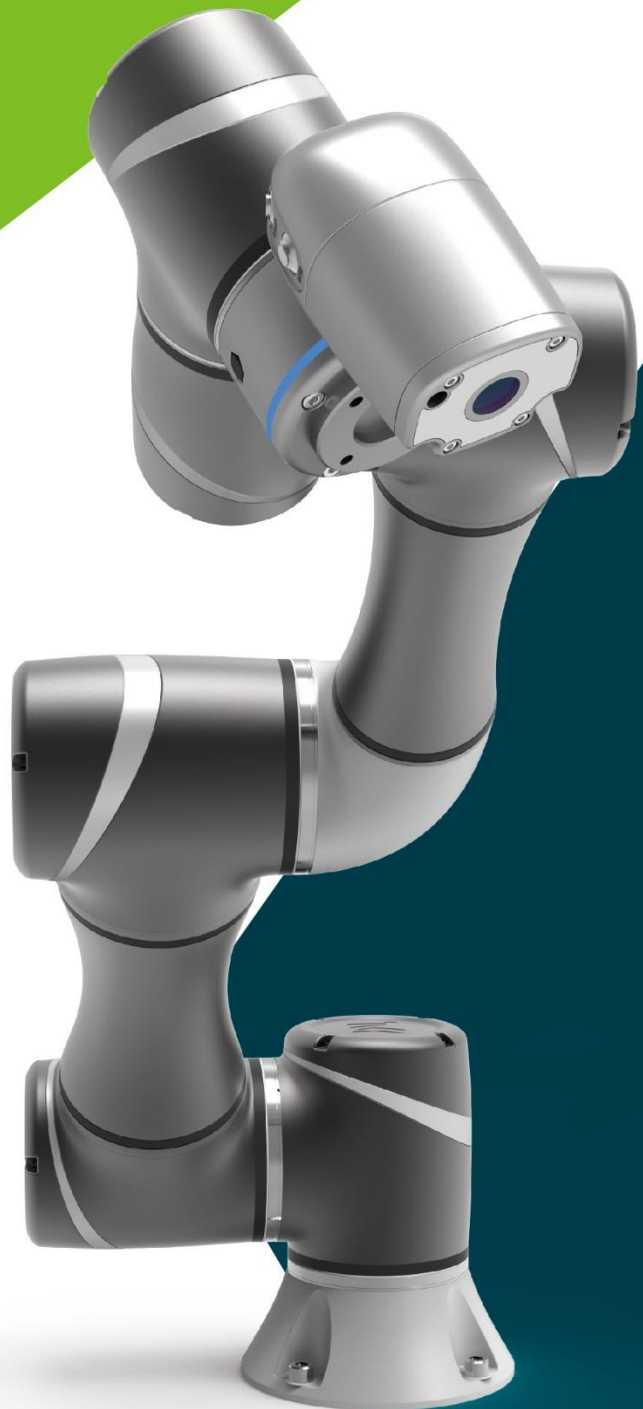




# Press kit



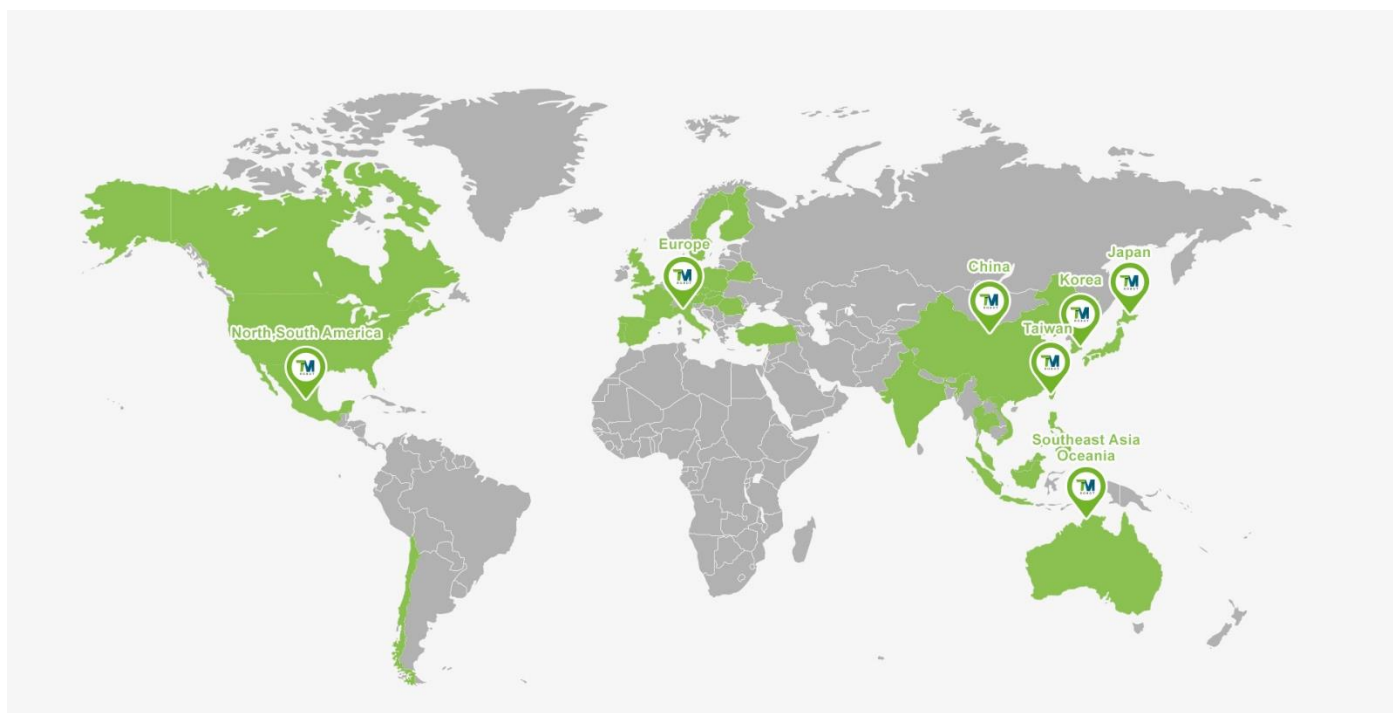
## About Techman Robot Inc

We are an industry-AI leading collaborative robot and vision technologies company, dedicated to improving the world of work for businesses and their people through (robotic) technology applications.

We truly believe the right (robotic) technology applications can make a world of difference to performance, efficiency and productivity, even creating a lasting positive impact on whole industries. We think that every business should have access to beneficial technology to advance their position.

Therefore, we are determined to use our technological knowledge and skills to create all things smart and simple, to break boundaries, solve challenges, and meet industries' needs.

- Established in 2016
- Global site
  - Headquarter: Taoyuan, Taiwan
  - Branch: Busan, Korea; Shanghai, China; Shenzhen, China; Alblasterdam , Netherland
- Management:
  - President, Shi-chi Ho
  - CEO, Haw Chen
  - COO, Scott Huang
- Employee: 500+
- A subsidiary under the Quanta Group
- Design and manufacture smart collaborative robots with built-in vision and provide automation solutions for factories
- Ranked in 2nd of 2019 worldwide cobot market share





Improve the overall performance of your production and assembly lines with automation solutions like our AI Cobot series, a family of collaborative robots with built-in vision systems and AI technology. Our cobots help to Establish a harmonious work environment where humans and machines collaborate and excel.

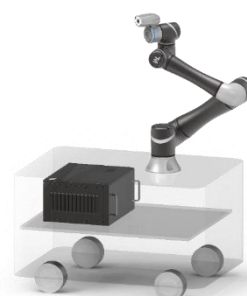
## TM AI Cobot Series

What sets our cobots apart from the industry-standard robotic arms is our “AI Vision” technology. Our collaborative robots increases production throughput as they can sense their environment and people they operate with. By giving cobots “eyes” to see, it creates a world of difference in how they can perform. AI Cobots can boost quality, improve flexibility, and future-proof your production.



## TM AI Cobot- Mobile Series

Techman Robot also offer mobile series that can be installed on AGV to enhance the mobility and flexibility which is available for TM5, TM12, TM14, TM16 and TM20.



## TM AI Cobot product feature



### SMART Benefits of AI Vision

Our collaborative robots are equipped with an integrated vision system, giving cobots the ability to perceive their surroundings which significantly enhances cobot capabilities. Robot vision or the ability to “see” and interpret visual data into command prompts is one of the features that makes us superior. It is a game-changer for accurately performing tasks in dynamic changing workspaces, making operations run smoother, and automation processes more efficiently.

- Automated optical inspection (AOI)
- Quality assurance & consistency
- Increase production efficiency
- Reduce operating costs

AI-powered cobots recognize the presence and orientation of their environment and parts to perform visual inspections and dynamic pick-and-place tasks. Effortlessly apply AI to the production line and increase productivity, decrease costs, and shorten cycle times. AI vision can also read results from machines or test equipment and make appropriate decisions accordingly.



### SIMPLE No experience required

- Graphical interface for easy programming
- Process-oriented editing workflow
- Simple hand guiding for positions teaching
- Fast visual calibration with calibration board

Designed with first-time users in mind, programming knowledge is not a prerequisite to get started with TM AI Cobot. An intuitive click-and-drag motion using our TMflow programming software reduces the complexity. Our patented technology allows operators with no coding experience to program a project as short as five minutes



### SAFE Collaborative safety is our priority

- Complies with ISO 10218-1:2011 & ISO/TS 15066:2016
- Collision detection with emergency stop
- Save the cost and space for barriers & fencing
- Set up speed limits in a collaborative workspace

Inherent safety sensors will stop TM AI Cobot when physical contact is detected, minimizing the potential damage for a pressure-free and safe environment. You can also set up speed limits for the robot so it can be used in a variety of environments right next to your workers.

## Applications

We envision a world where humans and robots work in harmony to achieve excellence. Our collaborative robots (cobots) can perform a wide range of intelligent, automated tasks with applications in many industries – from education, to food, to electronics manufacturing.

Cobots can handle many tasks such as machine tending, assembly, packaging, welding, painting, buffing, or palletizing with precision, enhancing quality and productivity in modern industrial settings.



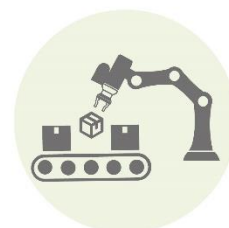
3D Bin Picking



AGV



Assembly



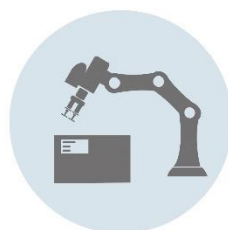
Conveyor Tracking



Glue Dispensing



Injection Molding



Labeling



Machine Tending



Packaging



Palletizing



PCB Handling



Pick & Place



Polishing & Deburring



Quality Inspection



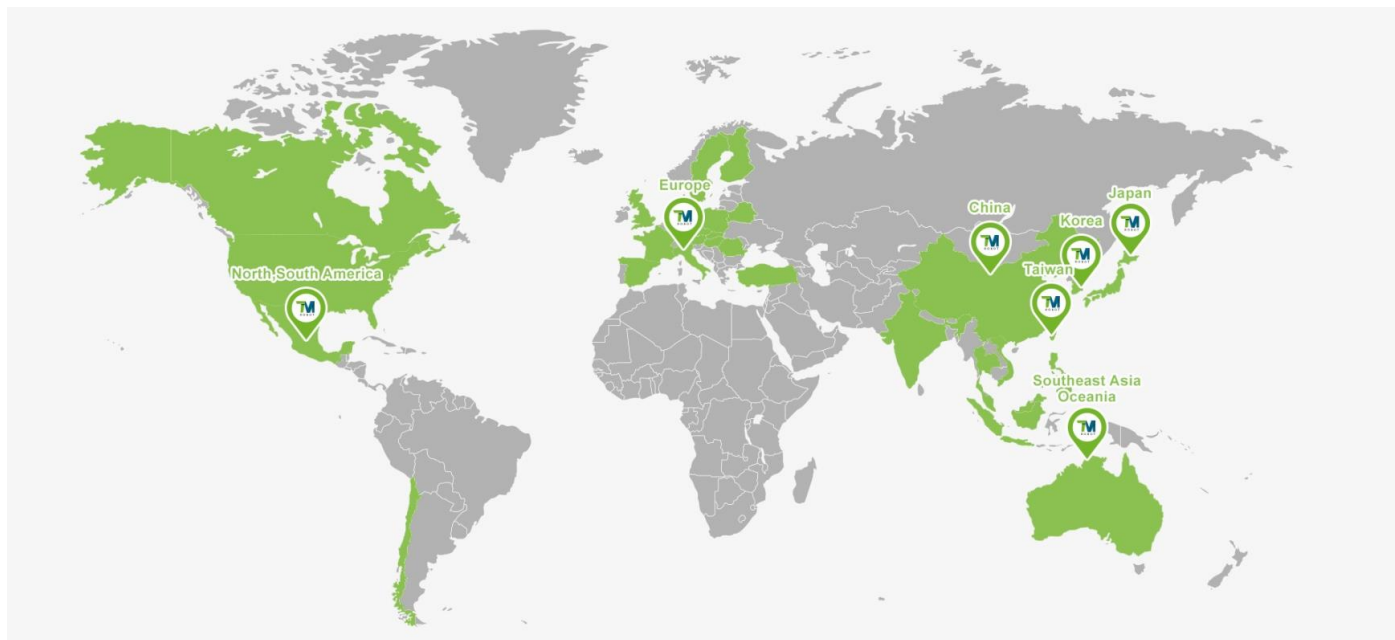
Screw Driving



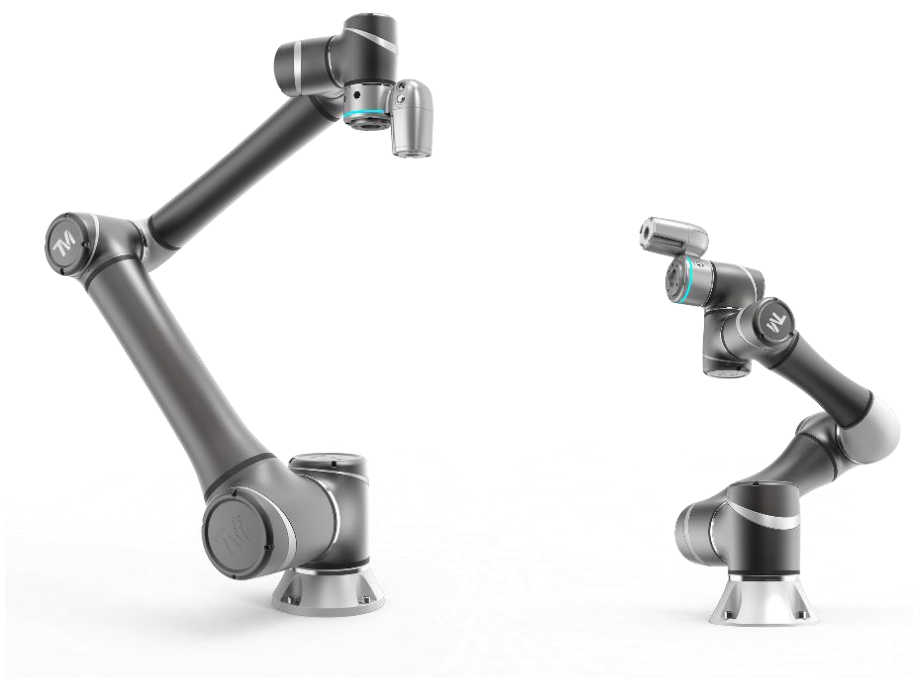
Soldering & Welding

## Techman Robot Global Site & Distributor Map

TM AI Cobot solutions are selling in over 50 countries with over 200 distributors and SI around the world



## Awards





## Get in touch

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# TECHMAN ROBOT



[www.tm-robot.com](http://www.tm-robot.com)



Social media

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