Reach further with our

Robot 7th Axis

Extend the range of your robot with a plug & play, pinch-point-free 7th axis from Vention.

Combined with our modular parts library, our 7th axis offers more actuator types and lengths to choose from, making it the most versatile and powerful robot actuator line on the market. Each 7th axis configuration is fully compatible with FANUC, Universal Robots, Doosan, and others.







8 hour assembly time



Code-free programming and deployment in MachineLogic



Ships in 1 to 3 days

Customize your 7th axis

Mix & match our modular parts to create a 7th axis designed to fit your unique factory specifications.



Choose from 4 possible configurations:

- Floor-mounted
- Overhead
- Vertical
- Telescopic



Choose from 6 different actuators technologies:

- Rack & pinion
- Enclosed timing belt
- Enclosed ball screw
- Enclosed lead screw
- Belt rack
- Telescopic lift column



Choose your robot & add-ons:

- 25+ compatible cobot models
- End-of-arm tools
- Plug & play safety devices



Choose your software or communication options:

- Code-free URCap
- FANUC Extension
- MQTT with MachineLogic
- Traditional programming

Extend the reach of your robot with a customized range extender.



One cloud platform to design, automate, order and deploy automated equipment

