EXOTIC
AUTOMATION & SUPPLY

Techman Collaborative Robots

TM ROBOT

Techman Robot specializes in safe and easy-to-operate robotics that are designed to work alongside humans. Robots are designed to lift up to 30 pounds and are known as the **smartest and easiest to use in the world** thanks to their advanced features.

Built-in Vision - Unlike traditional Collaborative Robots, Techman Robots have built-in sensors which are able to read barcodes / QR codes, recognize colors & match patterns / shapes.

Easy to Program - No coding skills are needed. They feature a simple to use interface with graphic and flow chart based HMI.

Small & Lightweight - Can easily be moved to different machines within a plant and programmed easily for different tasks. AGV mounting available.

Safe - The robot stops immediately if it senses anything in its path while in collaborative mode.

Capable - Loads up to 14 kg (30 pounds)*, Reach up to 1300mm (51 inches)*, Speeds up to 1.4 m/s (4.5 ft/s)*
*Dependent on model and operating mode

What is the difference between the TM smart collaborative robot and traditional industrial robots?

Collaborative robots are designed to be safe to operate around people and work alongside their "colleagues" without the need for additional safety precautions. Collaborative robots are very easy to program unlike traditional industrial robots that require advanced programming skills, cobots can be given work instructions without code. TM's range of collaborative robots can achieve human-machine collaboration by combining its safe robotic technology, simple user interface and smart integrated vision system, significantly increase efficiency and decreasing costs.

TM5 Collaborative Robot

Traditional Robot

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Traditional Robot

Human-Machine Cooperation
TM robots can work together with people safely and collaboratively to carry out production task.

Human-Machine Separation
Operation is dangerous, and robots need to be separated from operators in the same work area during production.

Smart & Flexible
TM robots, with built-in vision, can be easily relocated, set-up, coordinated, auto-calibrated and applied on different tasks.

Single-Function
After traditional robots are set up and given orders, they can only do a single function/operation and are not flexible to move other work. If there is a need for other robotics applications, it is necessary to buy new robots to deploy.

Common Industries:
Packaging / Palletizing • Labeling • Assembly • Conveyor Tracking
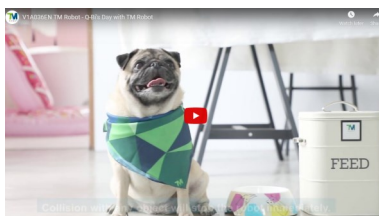Pick & Place • Screw Driving • Machine Tending & More!
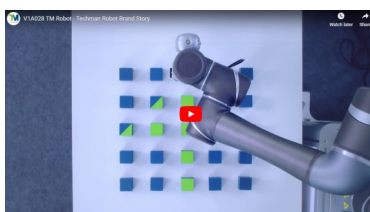

See it in Action!

Simply scan a QR code from the camera on your phone to see it in action!

Techman - Smart automation with collaborative robots

Q-Bi's Day with TM Robot

Techman Brand Story

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