

# TECHMAN ROBOT USA



## Machine Tending

TM Robots work side-by-side with operators to increase productivity. Let robots handle the dull, dirty, and dangerous jobs so your most valuable asset, your people, can be used where they make the most impact.

## Smart. Simple. Safe.

Easily automate repetitive tasks to increase productivity.

Machine tending, one of the most common jobs in manufacturing, can now be automated by TechMan collaborative robots - even where it had never been financially possible in the past. With their ability to be rapidly deployed and redeployed, TechMan can easily automate low volume tasks or even be moved to the part of the factory needs it most that day.

Robots never get sick or tired; TechMan delivers consistent, high quality results shift after shift. With the monotonous portion of the job handled, operators can go from tending one machine to tending three or four. This productivity increase is even more valuable with skilled operators, such as CNC machinists.

### Machine Tending Benefits:

- Reduced risk of injury
- Improved quality and accuracy
- Increased production capacity
- Decreased operating costs



## Applications

- CNC Machine Tending
- Cutting Machines
- Stamping
- Welding and Grinding
- Punch Presses
- Injection Molds
- Compression Molds

CONTACT US TODAY FOR A QUOTE

# Collaboration. Automation. Innovation.



## COLLABORATIVE SET UP



TM cobot operates in a safe mode, allowing operator to define basic setup by hand guiding, and end of arm buttons. Define move positions, gripper actuation, vision tasks quickly before finalizing program.

## SIMPLE PROGRAM FLOW



Visual programming environment is easy to follow and understand by operators. TechMan's unique, No-code programming can be taught to operators who have very little computer experience.

## QUICK DEPLOYMENT



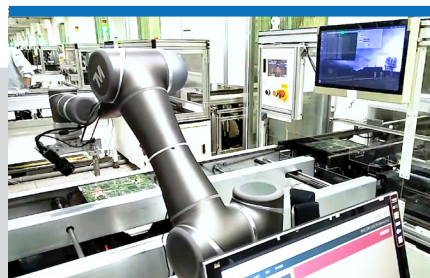
Using proprietary vision algorithms, the robot reads barcodes, locates trays of parts, and re-oriens to a new workspace after being moved. The camera identifies precision points, eliminating the need for expensive fixtures or complicated operator routines to reorient the robot after moving, enabling quick redeployment.

## SAFETY IS OUR PRIORITY



TechMan robots are inherently force-limiting, the gold-standard in cobot technology. TechMan is also the only robot with an intuitive safety wizard to ensure that it is deployed in accordance with ISO collaborative robot specifications.

## NEVER COMPROMISE ON QUALITY



Automate your production without compromising on quality. Our cobots read bar codes, visually measure part features and stream data to other systems for traceability - to ensure production is accurate.

## OPERATIONS CONTINUITY



Production facilities can't afford to operate below maximum capacity. With TechMan Robots, your repetitive tasks can operate 24/7/365 with confidence in performance.