

Turnkey Robotic Solutions for Trayhandling

Flexible. Scalable. Innovative.

Process automation is made possible with the flexible gripping and precision handling of parts by robots. At ATS, we specialize in customized turnkey robotic systems that can handle a variety of trayhandling processes for both sterile and non-sterile applications.

OUR ROBOTIC SOLUTIONS

- Inhouse Process & Motion Planning
- Cycle Time Analysis & Optimization
- Inhouse Design & Build
- Smart Velocity & Acceleration Profiles
- 3rd-party Product Integration
- Axis Utilization Analysis
- Interference Analysis & Prevention
- SCARA & Delta Motion Planning
- Collision Safe Zone Implementation
- ...and more

			
Name	ROB-2P (Robot 2 Place)	ROB-N (Robot normal) / ES (Ergonomic)	ROB-T2P (Trolley Robot 2 Place)
Tray Weight Max.	Depending on Robot	30 kg incl. Gripper	Depending on Robot
Tray Stackable	Yes		
Traystack Height Max.	800 mm	600 mm	900 mm
Traystack Weight Max.	100 kg		
Uninterruptible Tray Change	No	Yes	No
Tray Cycle Time	Approx. 10s	7s	-
Tray Changing Time	3s	Approx. 2s	4s
Storage	2 Traystacks	Min. 3 Traystacks at Infeed Min. 3 Traystacks at Outfeed	2 Trolleys

**DIDN'T FIND A FITTING SOLUTION?
LET'S CONFIGURE A CUSTOMIZED SYSTEM TO MEET YOUR SPECIFIC NEEDS AND REQUIREMENTS.**

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