

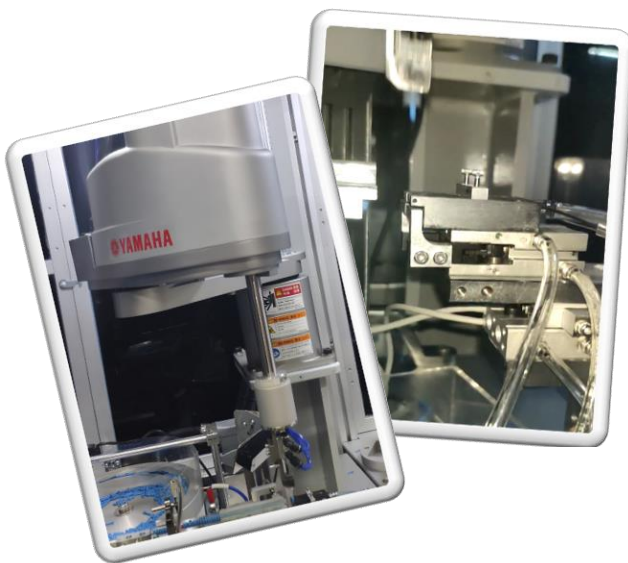
▶ TR02-SM Robotic Seal Inserter

- Highly efficient rotary table to support up to 3 inserting robots and up to 3 seal feeders for each robot
- Yamaha robot with Keyence vision to deliver fast & accurate seal detection and insertion
- Support both soft seals and hard pins
- Full CNC control without any reforming dies required
- Powerful functions of graphic process setup & real time tracing, fast positioning, automatic rework, vision QC, scan input, data communications & production stats
- Quick interchangeable seal feeder, inserting head & housing fixture, automatic tooling match detection
- Optional material handler, pin cutter & MES interface



Specifications

Power	220-240VAC, 2.5KW standard
Compressed Air	Clean & filtered, $\geq 0.5\text{kPa}$
Inserting Robot	Standard 1, optional 2-3
Seal Feeder	Standard 1/robot, optional 2-3/robots
Takt Time	60ppm (typical soft seal) 24ppm (typical oriented hard pin)
Seal	Supports most types, clean edge, size tolerance, straightness and lubrication may be required
Vision System	Standard: QC check Optional: Pin orientation detection
Comms	Ethernet
Size & Weight	Main station: 800Dx800Wx1770H mm ~350kg Feeder station: 1000Dx800Wx1770H mm~550kg



about us

Trivers Shanghai, established in 2007 by Trivers Australia, has a series of over 10 products in robotic production lines & wire harness assembly automation backed by patents. It is an authorized supplier to several Fortune 500 companies, is an executive member of the Shanghai Robot Alliance, and is a key member of government R&D projects.

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