



TRIVERS

automation



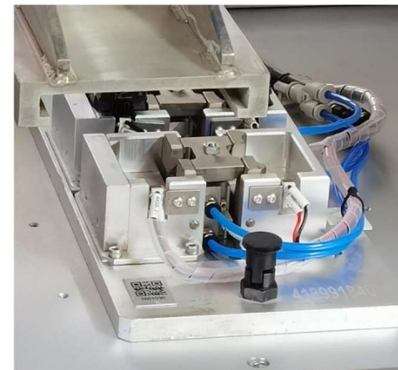
TR02-Lite Seal Inserter *Lite Version*



- Patented technology of high-speed non-contact air jet seal insertion
- Dual workstations to minimize idle time
- Support most of regular-shaped seals, up to 3 seal feeders
- Additional reforming mechanism to ensure depth consistency
- Machine vision check for any misplaced insertions
- Custom made fixtures with rich design database
- Quick interchangeable seal feeders, air-jet heads, reforming dies and housing fixtures
- SCADA option for MES and production data center

SPECIFICATIONS

| | |
|---------------------------|--|
| Main Station Size& Weight | 1000Lx800Wx1700H (mm) ~150kg |
| Control | Trivers housing process control system |
| Basic Functions | Order manager, graphic process display, parameter configuration & settings, user manager, production data, vision QC |
| Seal Feeder | Independent feeder station with up to 3 fast-changeable feeders size/weight: 1000x700x1300mm, ~80kg |
| Seals | Most of regular-shaped seals |
| Air jet Inserter | Up to 3 air jet inserters, quickly interchangeable |
| Reformer | 1, quickly interchangeable |
| Housing Fixture | Custom made, quickly interchangeable |
| TAKT | < 1s (typical seals) |
| Communications | RS485, Ethernet |
| Air Supply | Filtered and dry air, >0.5MPa |
| Power Supply | 220-240VAC 600W |



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.

Contact Us

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