

Fabhp-v 300 RTP Robot

PARTICLE REDUCTION | IMPROVED RELIABILITY | IMPROVED WAFER PLACEMENT REPEATABILITY | LOW COST OF OWNERSHIP

WRIST

- Tighter connection between wrist plates and forearms prevent droop.
- Interlocking gears with anti-backlash springs are replaced with patented innerconnected stainless steel bands for greater reliability and elimination of all side-to-side (backlash) motion.
- Bearings are enclosed to protect from process deposition and prevent particle contamination.
- End effector leveling adjustments are performed at the wrist for greater alignment accuracy and faster setup/teach time.
- Designed to accept the existing quartz end effector.
- Design eliminates preventative maintenance.

PERFORMANCE

- Low ongoing maintenance costs at significantly longer rebuild intervals than OEM.
- Enclosed bearing joints prevent particle contamination.
- Smooth operation allows for potential throughput gain.

ELBOW AND LOWER ARM

- Proven elbow joint design with precision-machined components and pressed-fit bearings creates a tighter, stronger structure to reduce bearing wear and eliminate droop.
- Bearings are enclosed to prevent particle contamination.
- Arm leveling and z-height adjustments are made at the hub for easier, more repeatable setup.

