



**GLOBAL CUSTOMER
OPERATIONS GROUP**

Fixed Price Repair Services

PreAligner

INTEGRATED SOLUTIONS

Brooks Fixed Price Repair service for tool automation products is structured to address your operational efficiency needs by providing pre-set repair levels and fixed pricing at reduced cycle times based on the level of repair you require.

The PRE-200™ Series Wafer PreAligner combines a high-resolution optical system with high-precision mechanics to yield the greatest overall performance available.

Brooks has created a Fixed Price Repair program to support the PreAligner product.

PreAligner Fixed Price Repair Options

Customer Benefits:

A Brooks Certified Repair is the right choice for customers who want professional high quality services. These repairs are designed to optimize aging product performance and achieve optimal lifetime for all your automation equipment.

- Repairs performed by factory trained technicians
- Repairs completed using only Brooks parts
- Fixed lead times for all products, independent of service level
- All Brooks repairs are covered by an industry leading warranty
- Brooks Advantage - Product technical experts and original design engineers
- On-line tracking simplified with e-RMA™

Service Level	Description	Deliverables
Functional Repair	<p>Replace parts as necessary to eliminate damaged, out-of-spec, or non-working components to make the unit operational</p> <p>Warranty: 90-day on entire unit</p>	<p>Complete inspections:</p> <ul style="list-style-type: none"> • Visual • Mechanical • Electrical <p>Replace broken parts</p>
Enhanced Repair with Preventative Maintenance	<p>Functional Repair service PLUS Preventative Maintenance to address high-wear parts as necessary to prevent anticipated failure</p> <p>The unit's cosmetics will be replaced, as necessary, to bring the unit to like new condition</p> <p>Warranty: 12 month warranty on entire unit</p>	<p>Replace, as needed:</p> <ul style="list-style-type: none"> • Z Motor and T motor assembly • R axis motor assembly • Cam assembly • Seals, Pulleys, Bearings • Z Belts, Chuck assembly <p>Preventative maintenance and testing:</p> <ul style="list-style-type: none"> • Burn-in test-for 8 hrs • Repeatability test • Check motors for proper operation • Check encoder assy. for proper operation <p>Check connections:</p> <ul style="list-style-type: none"> • Vacuum, Electrical
Refurbishment	<p>Complete rebuild of unit to meet new operational specification of the unit as defined by Brooks Engineering</p> <p>The unit's cosmetics will be replaced, as necessary, to bring the unit to like new condition</p> <p>Warranty: 12 month warranty on entire unit</p>	<p>Replace wearable items:</p> <ul style="list-style-type: none"> • Z Motor and T motor assembly • R axis motor assembly • Cam assembly, Seals • Pulleys, Bearings, Z Belts • Chuck assembly <p>Preventative maintenance and testing:</p> <ul style="list-style-type: none"> • Burn-in test-for 8 hrs • Repeatability test • Check motors for proper operation • Check encoder assy. for proper operation <p>Check connections:</p> <ul style="list-style-type: none"> • Vacuum, Electrical

ProActive Agreements

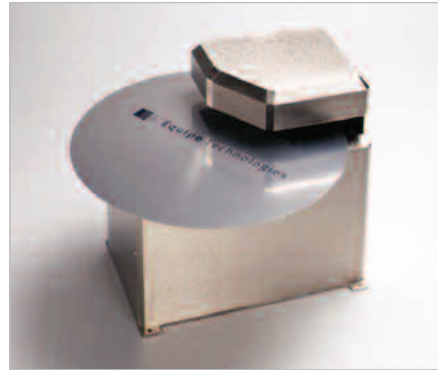
For larger installed base customers, agreements are available coupled with either the Enhanced PM or Refurbishment service level to include exchange units. These agreements provide readily available spare units to support your operational uptime requirements. This program helps you manage equipment maintenance proactively to reduce unexpected down time, while the fixed price allows your operation to budget and forecast its maintenance expense.

e-RMA™

You can check the status of your repair order any time of the day or night, using our on-line tracking tool; e-RMA. e-RMA allows you to view up-to-the-minute real time order status information, so you don't have to wait to know where your order is.

GUTS® (Guaranteed Uptime Support)

Our GUTS rapid response system delivers unsurpassed responsiveness worldwide to any Brooks product problem. Every call to our GUTS line is answered by capable, empowered Brooks employees with the knowledge and resources to diagnose customer problems quickly and accurately. With GUTS, you are guaranteed an action plan within 59 minutes or less.



PreAligner Series Robots



● BROOKS SPARES INVENTORY AND REPAIR CENTERS

★ BROOKS FIXED PRICE REPAIR CENTERS

For more information, please contact your local Brooks Automation sales representative or visit www.brooks.com.

