



Reconditioning & Pre-Owned Robot Services

RECONDITIONING

ABB specializes in reconditioning and pre-owned robots. From component to complete robot system, ABB reconditioning restores your older equipment back to original ABB factory specifications, extending its life and asset value, at nearly half the price of new.

Reconditioning can include retrofitting or upgrading, taking advantage of current technological advances. Any engineering enhancements, new software releases or upgrades which have been developed since the equipment was introduced can also be added, to create a reconditioned robot with up-to-date functionality. All ABB reconditioned robots and components are certified to current safety standards and covered by a full one year warranty.

Reconditioning services are scheduled by calling our 24-hour Customer Support Center at 1-800-HELP-365.



PRODUCT OFFERINGS

- **Inspect and Quote** - ABB offers an Inspect and Quote service to our customers who want to identify specific problems with their robot. The robot undergoes a rigorous, multi-point inspection at our facility. A detailed evaluation is prepared along with recommendations for repairs or system upgrades to restore the robot back to maximum functionality. Fees incurred for the Inspect and Quote service are applied towards the repairs service.
- **Custom Reconditioning** - ABB customizes reconditioning services according to your specific needs. Reconditioning can be “Limited” to only those items identified during the Inspect and Quote process or, they can be “Complete”. A “Complete” reconditioning service is often performed when a robot has been operating under harsh conditions such as in a foundry environment or when the robot has been obtained from a third party vendor and maintenance on the robot is unknown. A “Complete” reconditioning service includes the following:
 - Initial inspection / testing of complete system
 - Disassembly

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- Inspection and testing of individual components
- Replacement of motors, bearings, cables and other worn parts
- Cleaning of mechanical and control components
- Reassembly to original specification
- Repainting
- Testing to new robot standards. ABB applies a rigorous 69 point final inspection with testing under maximum load for 24 hours prior to shipment.
- Full parts and labor warranty

- **Retrofits and Conversions** - Our Retrofit service includes replacing parts and performing the work identified in the Inspect and Quote process. Automation equipment can be retrofitted to perform new tasks such as converting a floor mount robot system to a shelf mount system.

- **Component Repair** - Equipment typically repaired, but not limited to, includes motors, wrists, boards, teach pendants, power supplies, drives, weld guns, atomizers and more! Equipment is cleaned and tested prior to shipping back to the customer. All parts are warranted one year, same as new, and typically cost fifty percent less than new.

- **Pre-Owned Robots from Stock** - Pre-owned equipment is an affordable solution for many of our customers. Purchasing pre-owned robots allows you to match the model to your existing robot production line, retain a consistent installed base, save on fixtures, programming, spare parts and additional employee training. ABB carries pre-owned automation equipment in stock for purchase, exchange, or trade. All pre-owned equipment is inspected, cleaned and may be rebuilt, reconditioned or repaired to meet your specific needs. Pre-owned robots pass a 24 hour run off before packaging and shipment to the customer.

- **Robot Buyback Program** - ABB regularly purchases pre-owned robot systems (manipulators, control cabinets, teach pendants and cables) that are in good operational condition with no electrical or mechanical damage. Equipment is then completely reconditioned and added to our pre-owned stock for sale.

SERVICE SUPPORT

Only ABB can provide the levels of training, service and technical support for reconditioned and pre-owned equipment that matches the services available with new equipment:

- Comprehensive spare parts inventory
- 24/7 parts availability/technical support (1-800-HELP-365)
- Factory certified engineers for repair and remedial work
- Help with process optimization and new application development
- Full parts and labor warranty



1-800-365-5
ABB SERVICES

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