

# ROBOT DIAMOND ASSURANCE™

Preventive Maintenance Plan



## PROTECT YOUR ROBOT INVESTMENT

Industrial robots play increasingly important roles in today's modern factories. They efficiently and accurately perform assigned tasks day in and day out. But like all machinery, robots require regular maintenance to protect against routine wear and tear.

A proactive preventive maintenance plan provides many benefits over a reactive break-fix plan, including:

- Predictable uptime with fewer breakdowns
- Consistent performance with optimized accuracy
- Fewer interruptions for improved productivity
- Extended lifespan for maximized investment

*Preventive maintenance plans*

**SAVE  
12-18%**

*off of total  
maintenance  
costs<sup>2</sup>*



## PEAK ROBOT PERFORMANCE LEAD TO BOTTOM-LINE SAVINGS

The Robot Diamond Assurance™ Preventive Maintenance Plan goes beyond the standard warranty. It lowers your total cost of ownership and extends the life of your robot investment. With conveniently scheduled annual visits for five years or 24,000 operating hours, our factory-trained engineers will clean, inspect, and adjust each robot to optimize operation and maximize uptime. And with priority phone and on-site support, we can address any mechanical issues quickly to get your robot back in service with minimal disruptions to your business. The Robot Diamond Assurance™ Preventive Maintenance Plan includes:

### Annual On-Site Checkup

- Inspect each joint
- Replace grease ball screw, spline, and joints as needed
- Replace air filters and batteries
- Reset lubrication timers
- Check splines for straightness
- Check origin data
- Verify incoming voltage and connection
- Check motor brake function
- Inspect fans, belts/tension, safety circuit, cables, air lines, and operation panel

### Warranty Parts and Labor

- 5-year or 24,000-hour parts and labor coverage
- On-site or in-house repair labor warranty
- Robot controller parts
- Service technician travel expenses

### Ongoing Support

- One RT ToolBox3 software license
- RT ToolBox3 software maintenance agreement
- CloudRobot® backup
- Basic maintenance training for one person
- Robot firmware updates
- Priority phone support and on-site scheduling

Don't get caught with a poor maintenance strategy. Protect your investment with a preventive maintenance plan to maximize manufacturing automation, productivity, and operational efficiencies.

**Visit [go.meau.com/robotdiamondassurance](https://go.meau.com/robotdiamondassurance) or contact your sales representative to learn more.**

### Reactive Break-Fix Maintenance Risks You

- Unexpected downtime
- Position deviation
- Repeatability issues
- Safety issues



Poor maintenance strategy  
reduces productivity by  
**20%<sup>3</sup>**



#### Sources

<sup>1</sup> <https://www.nist.gov/news-events/news/2020/06/research-suggests-significant-benefits-investing-advanced-machinery>

<sup>2</sup> <https://transcendent.ai/blog/asset-management/42-roi-statistics-that-prove-you-need-a-maintenance-management-system/>

<sup>3</sup> <https://www.getmaintainx.com/learning-center/the-ultimate-preventive-maintenance-guide-nearly-everything-you-need-to-know/>

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