

Robot**CARE** Program



- Health Check up Program
- Robot Preventive Maintenance Program
- Annual Maintenance Contract (Non Comprehensive)



Mitsubishi Electric India Robot Care Program

Robots are made with intelligence and innovation but have to be maintained with care. For any system to work at its best, preventive measures to ensure smooth running and regular check up to eliminate any glitches is a must. We at Mitsubishi Electric care for robot systems with our unique Preventive Maintenance Program and Health Check up Program to assure you of maintaining quality, consistency and precision, year after year.



Mitsubishi Electric India Robot Care Program Advantages

- Increases the efficiency of robots
- Reduce potential for breakdown
- Data to support scheduling future maintenance work
- Identify potential robot repair
- Maximize robot uptime



Applicable Robot Models

F, FR and CH series of robots to be covered under the preventive maintenance program and health check up program

S. No.	Model No.	Type	Capacity
1	F Series	Horizontal	3Kg, 6Kg, 12Kg, 20Kg
		Vertical	2Kg, 4Kg, 7Kg, 13Kg, 20Kg
2	FR Series	Horizontal	3Kg, 6Kg, 12Kg, 20Kg
		Vertical	2Kg, 4Kg, 7Kg, 13Kg, 20Kg
3	CH Series	Horizontal	3Kg, 6Kg
4	CRH Series	Horizontal	3Kg, 6Kg
5	CRL	Vertical	8Kg

1. PACKAGE DETAILS FOR HEALTH CHECK UP

Ideal Interval	Every 8000 working hours or 1 Year
Total time required	Approx. 04-05 Hrs. on non production day*

Robot condition evaluation	Robot controller overall visual
Backup	Controller dusting by ESD brush
Shaft visual check	Controller battery change**
Timing belt visual check	Controller filter dusting by ESD brush
Timing belt tension control	Emergency (TB) switch check
Greasing of robot arm	T/B cable visual check
Arm battery change**	

**Actual cost shall be borne by the customer

2. PACKAGE DETAILS FOR PREVENTIVE MAINTENANCE

Ideal Interval	Every 24000 working hours or 3 Year
Total time required	Approx. 06-07 Hrs. on non productive day*

Robot condition evaluation	Robot controller overall visual
Backup	Controller dusting
Shaft visual check	Controller battery change
Timing belt change	Controller filter change
Timing belt tension control	Emergency (TB) switch check
Greasing of robot arm	Controller fan change
Arm battery change	Controller PCB cleaning

*Note : For the Overhaul service, the duration timeframe varies by Robot type and the ease of changing the belts, re-greasing, etc., and can take between 2 and 4 hours/axis

3. PACKAGE DETAILS FOR AMC (NON COMPREHENSIVE)

Health Check-up & Preventive Maintenance	It includes 1 Health Check-up & 1 Preventive Maintenance (Conducted at same time 1/Y)
Break down Support	It includes 2 no visits on request basis with response time 24 hrs.
AMC Cost	Please contact your nearest FA Centre or ASC
Additional Visit	On chargeable basis.

Contact Details

| Gurugram FA Center |
Mitsubishi Electric India Private Limited
Ground Floor, Plot No-517, Udyog Vihar, Phase-3,
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Tel.: +91(124) 4630300, +91 (124) 6739300

| Bengaluru FA Centre |
Mitsubishi Electric India Private Limited
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| Ahmedabad FA Centre |
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| Pune FA Centre |
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| Chennai FA Centre |
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| Authorised Service Centre |
Alliance Automation System Private Limited
Plot No.171,Sector-6, IMT Manesar
Gurgaon, Haryana.
Tel: 0124-4477951

Future Robotics & Automotion Private Limited
Old No.: 29, New No. 10, Vaddarapalya,
JP Nagar 8th Phase, Bengaluru - 560083
Mob.: 99011 56502 / 88611 34354

Cubix Automation Pvt. Ltd.
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FA CALL CENTER

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