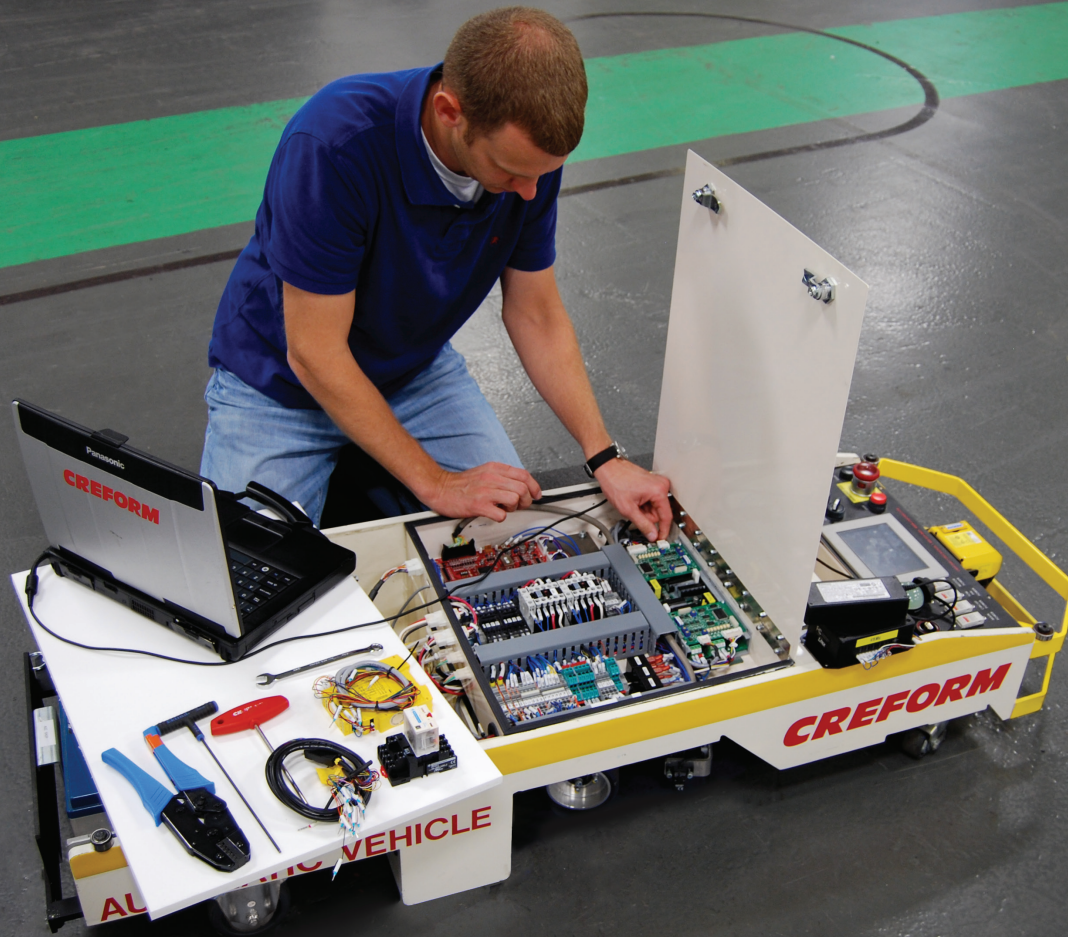


CREFORM AGV PREVENTIVE MAINTENANCE PROGRAM



Your factory floor is no place for a breakdown.

Keeping a Creform AGV system running reliably and at the peak of its performance is best accomplished with a Preventive Maintenance Program. Scheduled maintenance will extend the life of your AGVs while preventing minor issues from developing into major problems. And, because no two AGV systems are alike, we customize each PM program to meet your exact needs without requiring long-term agreements or commitments.

All our technicians are factory-trained and work at your facilities on your schedule... off-shift, during shut downs or weekends and they can also compliment your in-house maintenance programs. Service work is recorded by the unit and billing is only by the job. As an option, we have programs in place to provide preventive maintenance at a Creform facility where we have fully equipped service shops and stock all replacement parts.

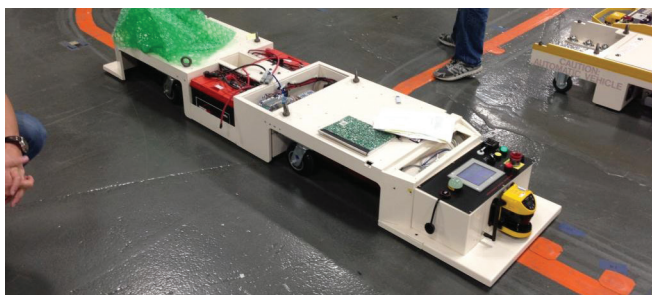
CREFORM[®] MATERIAL
HANDLING
SYSTEMS
HOW IT'S PUT TOGETHER... SETS US APART.



CREFORM AGV PREVENTIVE MAINTENANCE PROGRAM

All Creform AGV PM programs are flexible and offer you just what is needed to not only keep your AGVs running but extend their lives as well. Using a 30-point checklist, we conduct a thorough inspection and then provide a written detailed analysis

of any problems we find along with recommended action. An end of visit report and verification checklist is provided along with a replacement parts estimate. The following is an overview of what we do:



General Cleaning/Visual Survey/Inspection

- Clean units and clean debris from moving parts
- Check for physical damage with attention to components that could effect vehicle performance or longevity
- Inspect inside and out for excessive wear
- Examine unit for improper modifications



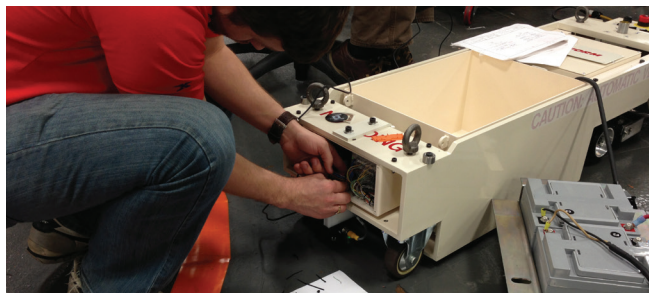
Hardware Inspection & Adjustment

- Drives, sprockets, chains, bearings, etc.
- Belts – check cracking, lacing and pins
- Gear reducers – inspect for leaks, noise & vibration
- Adjust and tighten necessary parts
- Lubricate required parts



Electrical Inspection & Repair

- Inspect electrical connections & troubleshoot
- Verify controls and software operation
- Batteries and charging system inspection
- Tie up loose wires
- Inspect for physical damage



Operational Checks

- System and component function test
- Interview users & maintenance people for known problems
- Safety survey – lights & audible warning devices, obstacle sensor, e-stop, brakes all working and properly adjusted
- Efficiency – speeds/rate verification

Creform Rebuild and Retrofit Services

We refurbish heavily used Creform AGVs for either restoring an original system or for new purposes. We strip non-original add-ons, remove all components and wiring, sandblast and repaint, evaluate all components and replace worn and missing parts, upgrade safety devices, add new software and fully test. The result can be as much as a 50% savings over buying new.



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