

## ASCO Hydramotor Parts and Services

One-stop shop for extensive inventory available 24/7 with technical support

### Challenge

Reliable Hydramotors are critical for valve and damper control in nuclear power plants. Plant operators need a dependable supply of equipment, service and parts.

### Solution

Framatome continues its long-standing relationship with Automatic Switch Company (ASCO), including the supply of nuclear-grade NH90 series and commercial grade AH90 series ASCO Hydramotor actuators and actuator parts kits. These Hydramotors have demonstrated field-proven performance for valve and damper control in nuclear power plants.

Our arrangement with ASCO makes Framatome the exclusive nuclear stocking distributor of parts kits. Plus, we are the only authorized ASCO Service Center for overhauling and repairing the NH90 and AH90 series actuators for the nuclear industry. In addition, we provide comprehensive technical product support in accordance with OEM specifications, including application engineering, parts stocking, rebuilding and training.

### Application Engineering for Specific Customer Needs

For new projects, Framatome works with ASCO in providing application engineering according to your requirements. Our engineering teams can select an actuator configuration that will ensure proper operation and installation for your specific need.

### Round-the-clock Parts Availability

Framatome's Nuclear Parts Center (NPC) stocks nuclear-grade parts kits for all NH series actuators. We provide consistent rapid turnaround for emergency parts and repairs, and offer highly responsive, 24/7 parts availability via our dedicated NPC Customer Inquiry System on the internet: [npc.framatome.com](http://npc.framatome.com).



Our comprehensive technical product support includes custom actuator configuration for your specific application.

### Customer benefits

- The extensive inventory enhances efficiency, enabling rapid turnaround during both scheduled repairs and emergencies
- Comprehensive one-stop technical support ensures consistent safe performance
- The only test facility that can certify refurbished units to the original nuclear qualification, simplifying your acceptance of refurbished units
- New preventative maintenance and storage program

## Introducing NPC's Hydramotor Preventative Maintenance and Storage Program

In order to ensure the proactive planning, scheduling and coordination of Hydramotor units, Framatome's Nuclear Parts Center is introducing the Hydramotor Preventative Maintenance and Storage Program. For rebuilt units in the program, the NPC will provide quarterly maintenance and physical inspections by ANSI N45.2.6 qualified inspectors.

Major benefits of this program include the extension of unit shelf life to ten years from time of refurbishment, and the availability of expedited refurbished units for urgent requests within 24 hours, if needed. This availability eliminates the hassle and worry associated with last minute emergencies, allowing you to avoid potential long-lead times and expediting fees. The program allows you to increase on-site warehouse space while reducing on-site inventory costs and impact on resources.

### NPC's preventative maintenance and storage program includes:

- Full visual inspection for abnormalities and oil leakage including control and electrical cover removal
- Full functional testing
- Unit cycling, and maintenance per manufacturer recommendations
- Correct oil level verification
- Level B storage and inventory traceability

The Nuclear Parts Center ensures safety-related parts inventory meets applicable requirements of 10CFR50 Appendix B, 10CFR21 and NCA 3800. Located in Lynchburg, Va., the NPC is a NQA-1 Level B storage facility that is ISO 9001, 19443, 45001, 14001 and 18001 certified.

### Documentation and Delivery:

- Framatome will supply a Quality Assurance Data Package, which includes a Certificate of Conformance (CoC) and PM report (log sheets) for each unit.
- Cleaning, packaging, and shipping meet ANSI N45.2.1, Class B and ANSI N45.2.2, Level B and ANSI/ASME NQA-1 1994, 2000, 2004 and the 2008 Edition with the 2011 Addenda.

Technical support is available as needed. In addition, the program includes on-site training for maintenance and engineering once per year at no charge. Additional on-site technical support is available at discounted rates. Repair and refurbishment services are outside the scope of this program.



**For reliable, efficient inventory management, Framatome can help you manage obsolescence — with confidence.**

Scan to view our parts on the web:  
**[npc.framatome.com](http://npc.framatome.com)**  
Off-hours cell phone: 434.610.3880

**Your performance  
is our everyday commitment**



Framatome is the nuclear industry's only ASCO Service Center authorized to overhaul and repair NH90 and AH90 series actuators.

## Refurbishment to Originally-Qualified Condition

Our cost-effective refurbishment services include a full warranty on parts and services. We also restore Hydramotor units to a fully-qualified condition — enabling customers to increase efficiency by freeing valuable resources for other work. Our refurbishment facilities, combined with our spare parts supply, eliminate the hassle and worry associated with last-minute emergencies. In addition, NUPIC member utilities audit and approve our 10CFR50 Appendix B QA Program.

## The Experience of a Leader

As the world's premier supplier of nuclear services, Framatome promotes total customer satisfaction to help provide safe, clean and economical nuclear energy. We combine innovative technology with a tireless commitment to responsiveness and reliable performance — all to help customers succeed. For more information on our Framatome / ASCO Hydramotor sales and service, contact us today.

**Contact:**  
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