POWERING THE FUTURE OF AI

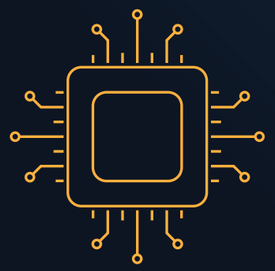
CHIP | POWER | COOLING | COMPUTE

Every layer of infrastructure must work together to support the next generation of AI. The modern AI stack depends on coordinated innovation across hardware, energy, thermal management, and operations.

THE NEXT FRONTIER

Moog's aerospace heritage and mission-critical engineering expertise postion us to support emerging opportunities as compute infrastructure evolves.





CRITICAL MOTION CONTROL PRODUCTS FOR SEMICONDUCTOR MACHINERY

Moog provides high-precision motion, fluid, and control solutions for semiconductor equipment OEMs, supporting critical processes such as wafer handling, deposition, CMP, and vibration isolation.

- SmartMotors
- Pneumatic Servo Valves
- Slip Rings
- Rotary Unions



POWER GENERATION CRITICAL CONTROL VALVES AND ACTUATIONS

Moog's technology is widely recognized by customers seeking reliability and high-performance for critical power generation applications. As a leading supplier of reliable, long life servo valves, Moog products are found on nearly every type of electrohydraulic servo actuator used in the power generation industry.

- Fuel Metering Valve
- Inlet Guide Vane Actuator
- PGO Servo Valves



ADVANCED LIQUID COOLING PRODUCTS AND SOLUTIONS

AI and high-performance computing are pushing thermal limits and Moog's latest designs are engineering the future of cooling. Our reliable, compact magnetic pumps and advanced cavitation sensors are designed to enhance efficiency, reduce maintenance, and ensure optimal performance in data centers.

PERFORMANCE
Optimized for high-density, high-efficiency environments.

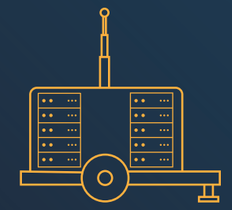
RELIABILITY
Built to operate in mission-critical settings.

SUSTAINABILITY
Reduces energy use and emissions, supporting ESG commitments.

- Liquid Cooling Pumps
- 800vDC Drives
- Single Phase Cooling
- Customer Cooling Solutions

COMPUTE OPERATIONS





HYPERSCALE DATA CENTERS

Moog helps next-generation AI, hyperscale, colocation, and edge data centers operate more efficiently and reliably through advanced thermal management, power optimization, automation, precision controls, and reliability engineering. Improved uptime, extended service life, no maintenance.

MOBILE DATA CENTERS

Moog enables mission-critical compute infrastructure through advanced power management, thermal management, ruggedized electronics, autonomy, precision control, and high-reliability systems engineering.

- D5-ready Cooling Pumps
- Cavitation Sensor
- Motion Controllers
- AC Drives
- DC Drives
- Mobile-Hardened Electronics
- Servo Motors