



HYDRAULIC & CONTROL SYSTEMS FOR FLOOD CONTROL



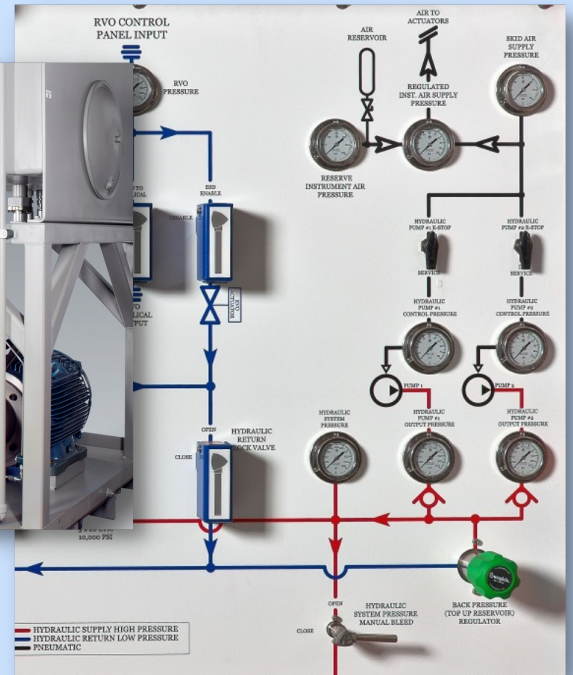
Since Hurricane Katrina, Atlantic has designed, manufactured and commissioned dozens of hydraulic & control systems on Flood Control Gates throughout the USA.

Our team of field engineers will follow the hydraulic system to site, start it up, adjust sensors, tweak software if necessary and work with the GCs & Owners until all specifications and requirements are met.

Atlantic's systems control gates to protect New Orleans at 7 different sites in the New Orleans region.

For 40 years Atlantic Hydraulic Systems has served to advance various industries in protecting our cities and country.

CUSTOM & BUILT-TO-SPEC HYDRAULIC POWER UNITS FOR FLOOD CONTROL APPLICATIONS



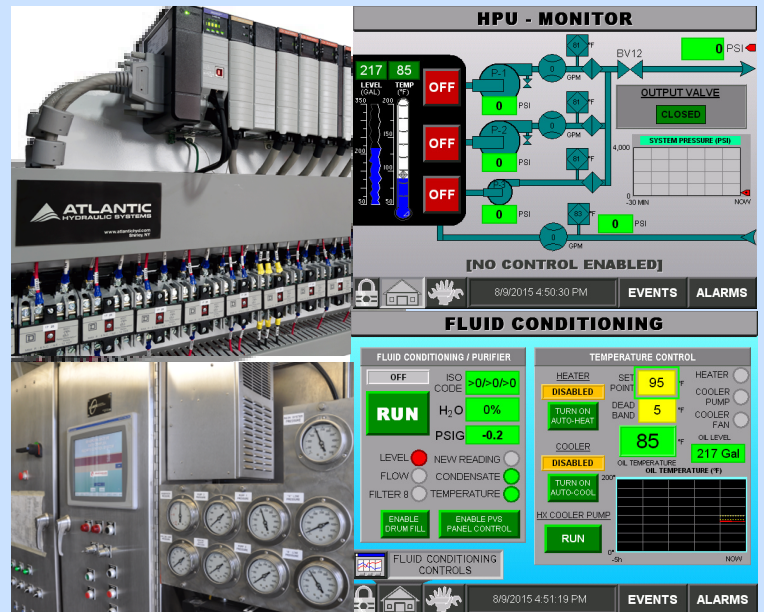
- HYDRAULIC POWER UNITS TO OPERATE SINGLE OR DOUBLE ACTING CYLINDERS FOR MULTIPLE GATES. PRESSURES TO 5,000 PSI. ACCUMULATOR BANKS FOR GATE EMERGENCY CLOSE OR OPEN. DUAL ALTERNATING PUMPS WITH AUTO SWITCH OVER IN THE CASE OF FAILURE
- THERMAL RELIEF VALVES IN THE CASE OF ICE LOADS OR LARGE DEBRIS. EMERGENCY HAND PUMP AND REMOTE AUXILIARY HOOKUPS
- FULL HYDRAULIC & ELECTRICAL SCHEMATICS, BOMS, OPERATING PROCEDURES AND FULL 3D MODELS OF HPUS AS PART OF THE SUBMITTAL PACKAGE



CONTROL SYSTEMS FOR HYDRAULICALLY DRIVEN FLOOD GATES

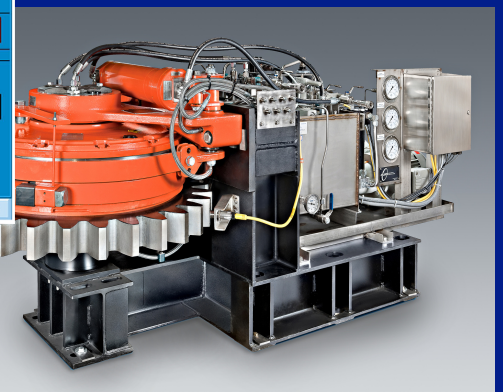
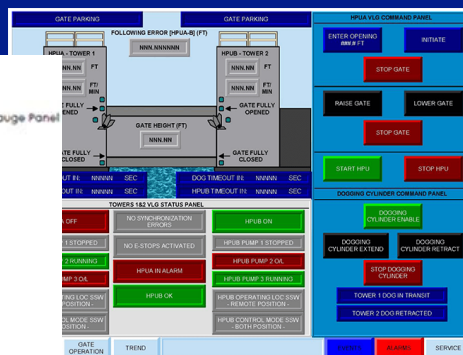
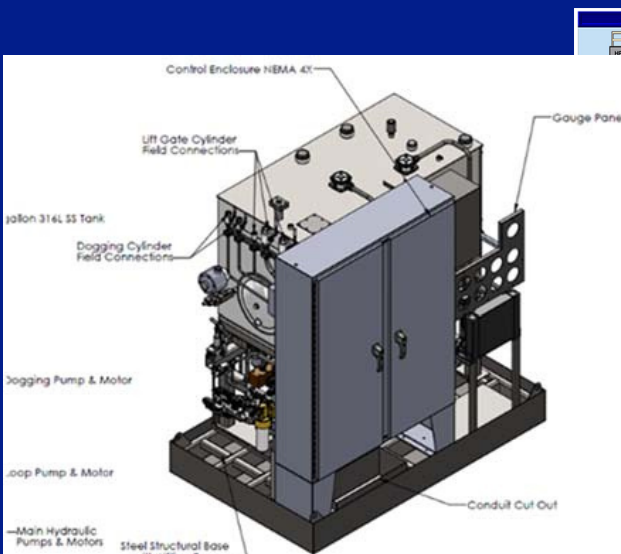


- EXPERIENCED COMMISSIONING FIELD SERVICE ENGINEERS FOR QUICK SYSTEM START-UP



- CUSTOM CONTROL SYSTEMS & CODE DEVELOPMENT FOR FLOOD GATE HYDRAULIC SYSTEMS
- ATLANTIC IS AN ALLEN BRADLEY SYSTEMS INTEGRATOR

ENGINEERING



OUR STAFF OF HYDRAULIC, MECHANICAL AND CONTROLS ENGINEERS WILL TAKE YOU THROUGH THE PROCESS OF DISCOVERY WHICH IS THE STUDY OF THE SPECIFICATIONS AND OWNER NEEDS ALL THE WAY FINAL ACCEPTANCE TESTING OF YOUR FLOOD CONTROL SYSTEM. FROM THE SUBMITTAL PROCESS AND OFTEN THE RE-SUBMITTAL PROCESS ALL THE WAY THROUGH FINAL ONSITE ADJUSTMENTS, OUR TEAM EXPERIENCE WITH DOZENS OF FLOODGATE COMMISSIONING WILL SHINE.

ATLANTIC'S CAPABILITIES & VERTICAL MARKETS



OUR PROCESS



DISCOVERY

During discovery we listen to your needs and collaborate with your team to fully understand, and conquer, the challenges you face.



MANUFACTURING

All systems are manufactured at our 18,000 sq-ft power unit & controls facility where the design engineers can oversee the manufacturing process.



COMMISSION

When required, we follow our equipment to sight and work closely with trades to successfully integrate and commission our machinery and controls.



DESIGN

The design phase is where we submit drawings, schematics and BOMs so all aspects of the system are communicated and understood prior to manufacture. This important communication is to eliminate any surprises in the delivered product.



TEST

All hydraulic systems are run at full pressure and or flow and control systems are fully testing by our engineers. In person factory witness testing is available and video factory testing (VFAT) is becoming more common.