



RECERTIFICATION PROGRAM HYDRAULIC GANTRY SYSTEMS



POWER UNIT INSPECTIONS AND ACTIONS

ALL POWER UNITS RECEIVE THE FOLLOWING ACTIONS

- Visual inspection of all welds
- Reservoir inspected for damages and leaks
- Visual inspection of all hydraulic lines and connections while under full pressure
- Relief valves and safety valves are pulled, cleaned, inspected, and reset to factory specifications
- Hydraulic oil samples are drawn and sent to an independent laboratory for testing and analysis
- Hydraulic oil filters are changed

ELECTRIC POWER OPTION

- Visual inspection of all electric parts and connections
- Check amperage draw under full load conditions

PROPANE AND / OR GASOLINE POWER OPTION

- Change oil and filter
- Change spark plugs
- Change air filter
- Coolant tested if applicable

DIESEL POWER OPTION

- Change oil and filter
- Change fuel filter
- Clean fuel injectors as needed
- Change air filter
- Coolant tested

GANTRY LEG INSPECTIONS AND ACTIONS

- Visual inspection of all welds
- Visual inspection of all hydraulic lines and connections while under full pressure
- Visual inspection of cylinders for external leaks and meter tested for internal leakage
- Counterbalance valves, safety valves, and relief valves are pulled, cleaned, inspected, and reset to factory specifications
- Wedge Lock and Pin Lock inspection and adjustment if required (Power Towers only)
- Certified Load Test completed

Upon successful completion of the program, the gantry system owner will receive an Official Recertification Letter and Testing Certification Document stating they are in compliance with A.S.M.E. B30.1 2009

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