



LARGEST VACUUM PRESSURE IMPREGNATION (VPI) SYSTEM IN NORTH AMERICA. The Leonardo DRS VPI tank located in Fitchburg, Massachusetts has an internal diameter of 19 feet.

VACUUM PRESSURE IMPREGNATION (VPI) AND HEATING SERVICES THAT CAN FIT LARGE ELECTRICAL EQUIPMENT

Leonardo DRS, an experienced manufacturer of power equipment and rotating machinery, provides VPI services for motor, generators, and transformers. The system, located in Fitchburg, Massachusetts, is one of the largest VPI systems and curing ovens in the global electrical equipment market. With easy shop access and ample crane capacity, Leonardo DRS can provide unique VPI solutions that can be tailored to customer and application.

VPI SYSTEM SPECIFICATIONS

- 19' internal diameter by 9.5' workable depth
- Pressure chamber has a false bottom with a 40" deep by 24" diameter shaft well.
- Maximum pressure chamber capacity of 20,000 gallons when flooded to 110".
- VPI system is capable of producing a vacuum of < 5 Torr and support a pressure of 90 psi
- Resin storage tank is 11' in diameter and 15' deep with a resin capacity up to 10,000 gallons
- System is charged with VonRoll Permafil 74050 Epoxy

resin good up to 14,000 volts and has a history of industry success

- Fully automated control system & data recording options, complete record of your process provided

Adjacent to the VPI system is the curing oven. With a 4,000,000 BTU/hr gas fired burner the oven can preheat and cure any size equipment that can fit inside the oven.

OVEN SPECIFICATIONS

- Internal measurements are 24' x 24' x 22' tall
- Operating temperatures up to 400°F — max temperature of 450°F.
- Two sliding rolling doors for easy access.
- Cart for loading large equipment with capability to rotate cure if required



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