



enertime

CLEAN ENERGY HARVESTING

Enertime, French manufacturer of thermodynamic turbomachinery for industry, announces the opening of its new manufacture and maintenance workshop for turbine's rotors and stators.

This decision supports Enertime's industrial development and enables the company to increase its construction capacity and develop new activities.

In addition to its historical turbomachinery (ORC modules, industrial heat pumps, gas expansion turbines), Enertime offers to its industrial customers its services of **turbine's rotors and stators** manufacturing and maintenance.

Thanks to their skills and expertise, Enertime technicians can intervene on turbines up to 600MW.

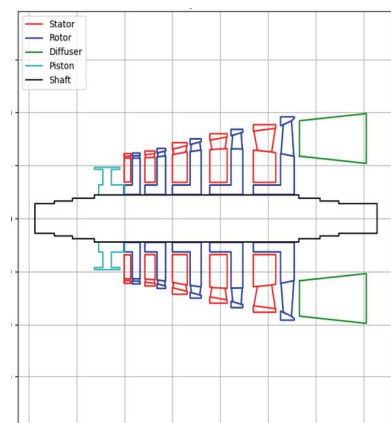
Independently on the original manufacturer of the turbine, Enertime exploits its 15+ years of R&D to ensure turbines' maintenance. Deeply committed to industrial innovation since its foundation, Enertime also improves the performances of older turbines by implementing the latest technological developments, already tested on its own turbomachinery.

ENERTIME'S MANUFACTURING AND MAINTENANCE WORKSHOP FOR TURBINE'S ROTORS AND STATORS

Since 2008, Enertime designs and manufactures its own single and multi-stage axial turbines. The company has developed a unique expertise to guarantee long-term performance and robustness.

To ensure the maintenance of your turbines and improve its services, Enertime also decided to establish a collaboration between its technicians and three former turbines' blading specialists with over than 40 years of experience in the field.

In addition, after years of maintenance and operation of its own turbomachinery, Enertime acquired a unique experience in turbines' rotors and stators management ; this experience has been built on continuous direct experience of the maintenance requirements of the turbines that Enertime has manufactured and operated over the years.



THE FRENCH EXPERT OF INDUSTRIAL TURBOMACHINERY

A COMPREHENSIVE MAINTENANCE SERVICE BACKED BY OVER 15 YEARS OF EXPERIENCE



With its expert service, Enertime intervenes on turbines independently on the original manufacturer and up to 600MW. The most powerful turbines are serviced on site, directly in the client's industrial plant.

BLADING

- > Maintenance of the connections between the blades (connecting wires, bandage, struts, etc ...)
- > Visual examination to detect traces of erosion, corrosion, rubbing, impacts, etc...
- > Geometrical control of rotor deformation.
- > Inspection of rotor deflection, axial and radial clearances between rotors and stators to reduce the risks of contacts between moving and fixed parts of the turbine.
- > Examination of the thrust collar and of the couplings.

NDT SERVICE ON SITE AND IN OUR

WORKSHOP

Non-destructif testing :

- > Magnetic particle inspection of the blades.
- > Inspection of the blade's hookin on the rotor by ultrasound or magnetic particle testing.
- > Penetrant testing.

MAINTENANCE

Standard maintenance services :

- > Machining (lathe, milling machine).
- > BV balancing of rotors.



Interventions on smaller turbines are performed in Enertime's workshop in the Vendée, where the company also designs, manufactures and maintains its own turbomachinery on daily basis.

Enertime offers to its customers all the expertise of its team of specialised technicians. Enertime's technicians put forward their renowned know-how, supported by numerous export projects of Enertime's turbomachinery and interventions in Europe and other continents (Asia, Eastern Europe, North America).

