

# VACUUM HARDENING VACUUM BRAZING NITRIDING

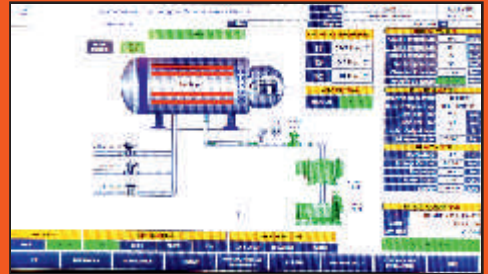


**PYROTHERM TECHNOLOGIES (P) LTD.**

An IATF 16949 : 2016 & ISO 9001 : 2015 Certified Company

PYROTHERM TECHNOLOGIES is a Vacuum Heat Treatment Company that specializes in heat treatment of all kinds of Tools, Steels and Components used in various manufacturing industries. The company is equipped with state of art Vacuum Furnaces that have capacities to treat blocks up to **900 kg** with dimensions up to **900x900x1200 mm** and up to **12 bar** quenching gas pressure.

All our vacuum furnaces have PLC based control panels with SCADA (Supervisory Control and Data Acquisition), a computer system for gathering and analyzing real time data.



## SERVICES PROVIDED

PYROTHERM TECHNOLOGIES operates in compliance with the latest quality standards using state of the art machinery supervised by a team of qualified and experienced specialists.

We can process all the popular air hardenable Hot Work Tool Steels, Cold Work Tool Steels and High-Speed Tool Steels. The company is equipped with five Vacuum furnaces, three Atmospheric furnaces, one Sub-zero chamber and three Nitriding furnaces. The company is rapidly expanding its capacity and capability through addition of more furnaces. Due to sufficient number of furnaces a turn around period of 2 to 3 days is easily achievable.

Our company offers the following heat treatment services at present:

- ⇒ Vacuum Hardening
- ⇒ Vacuum Tempering
- ⇒ Vacuum Annealing
- ⇒ Sub-Zero Treatment
- ⇒ Gas Nitriding
- ⇒ Stress-relieving/Final stress tempering
- ⇒ Vacuum Brazing
- ⇒ Vacuum Solutionizing
- ⇒ Vacuum Ageing
- ⇒ Normalizing
- ⇒ Plasma Ion Nitriding

## CERTIFICATIONS

PYROTHERM TECHNOLOGIES is an IATF 16949:2016 & ISO 9001:2015 certified company, an internationally recognized standard that ensures that our services meet the needs of our customers through an effective quality management system.



IATF 16949:2016  
Certificate



ISO 9001:2015  
Certificate

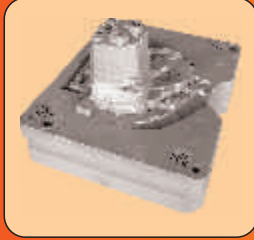
## QUALITY ASSURANCE

“TOTAL QUALITY” is the keyword at Pyrotherm Technologies. We aim to continue investing in technology and development and adopting ways to improve our operations and take them to the highest level.

Our customers are extremely satisfied with our service quality. We have a team of highly qualified engineers who are committed to quality aspects right from the time of material arrival to final dispatch. Our dedication towards continuous improvement in the development of new processes and applications continues to guide our efforts in providing the highest level of performance.

We prepare and adhere to documented procedures to ensure compliance with applicable standards which keep getting updated through our internal 3rd party and client audits. The unit is equipped with mechanical and metallurgical instruments and equipments for analysing mechanical and metallurgical properties of heat treated jobs.

# JOBS HEAT TREATED AT OUR FACILITY



**PYROTHERM TECHNOLOGIES (P) LTD.**

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