

HVF furnace

Complete solution for nitriding and nitrocarburizing



Treatment possibilities

- Nitriding
- Nitrocarburizing
- Low pressure nitriding
- Low pressure nitrocarburizing
- Pré-oxydation, post-oxydation
- Tempering with protective atmosphere
- Fast cooling

Types of steel that can be treated

- Nitriding steels
- Low-alloyed steels
- Stainless steels



Technical specifications

- Loads 900 x 600 x 600mm / 600kg ou 1200 x 900 x 900mm / 1000kg
- Heating outside the muffle
- Heating power from 80 to 180 kW
- Mixing turbine JM
- Temperature max. 650°C
- Low pressure ready
- Double cracker
- Vacuum pump + optionnal Roots pump
- DATANIT Probe
- Massflowcontrollers



Gas panel with vacuum pump



Datanit probe



SCADA - SCR supervision system

