



Vacuum Furnaces

HPGQ 2-25bar / Vacuum Carburizing FineCarb® / PreNit LPC®



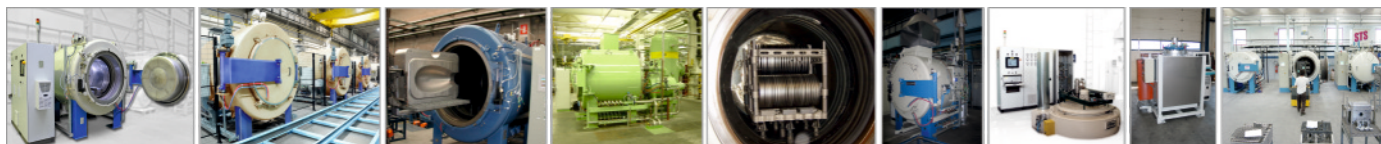
High Vacuum Furnaces / 2-6 bar / 10^{-5} - 10^{-6} mbar



Multichamber furnaces / Double chamber – HPGQ and oil quench / Linear and Rotary Modular System – HPGQ / Vacuum carburizing FineCarb® / PreNit LPC®



Vacuum retort tempering furnaces / ZeroFlow® gas nitriding / Expanite process



Vacuum sintering – WC/MIM/ceramic / SinterHip up to 60bar / 1300-1600-2200°C



CVD / Pack-Slurry Coating / FIC



Special vacuum furnaces / Custom build



Multichamber
/ Vacuum forging

CVD / Aircraft brake
linings

Tube annealing

H₂ annealing 30bar

Diffusion Bonding

10^{-7} mbar

2200°C

Vacuum technologies

HPGQ 10-25bar ■ Helium Quench ■ Rotary Modular System ■ VECTOR HPGQ ■ Double Chamber HPGQ or CaseMaster Evolution double chamber oil quench ■ low pressure carburizing FineCarb® ■ high temperature carburizing PreNit LPC® ■ carburizing simulation software SimVac-SimHard Plus ■ G-Quench Pro software for simulation of hardness of tool steel ■ gas nitriding ZeroFlow® ■ low pressure nitriding Fine LPN ■ stainless steel nitriding/hardening Expanite-SuperExpanite ■ CVD graphitizing ■ PACK-Slurry Coating

Detailed literature



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