

Easy and Efficient: the way Plasma Nitriding should be

High Pulsed Plasma Nitriding

“We never imagined all the possibilities that HPPN offers”

HPPN 1200 / 1500 is a very low cost effective way to improve fatigue resistance, resistance on hertz pressure and hot hardness. This process is the most cost efficient treatment for molds and dies for forming, die casting, forging, aluminium extrusion, plastic molding, and various precision components. It offers excellent control for the structure of nitride layers that is required when combining these thermo chemical treatments with PVD and PECVD coating.



- Very low running cost
- Different size parts and different steel grades in same batch
- Controlled structure
- High versatility
- Special processes:
 - dedicated process for punches, moulds and dies
 - pulsed Plasma Oxynitriding
 - nitriding of stainless steel
- Different sizes available