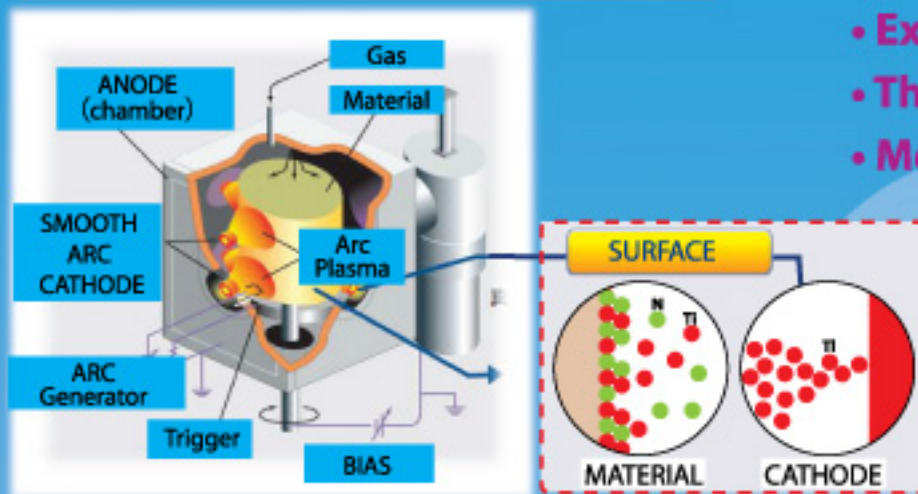


PARKERIZING GROUP

THAI TECHNICAL CENTER Plasma Surface Treatment (ARC PVD Coating)

The Principle of Arc PVD Method



- Exhaust with vacuum pump.
- The gas is introduced in the chamber.
- Metallic micro particle by Arc discharge.

- ↓
- The gas reacts with the particle.
 - Formation of compound thin film.

Characteristics

- High adhesion
- Low temperature treatment
- Drastic elimination of droplet

Advantages

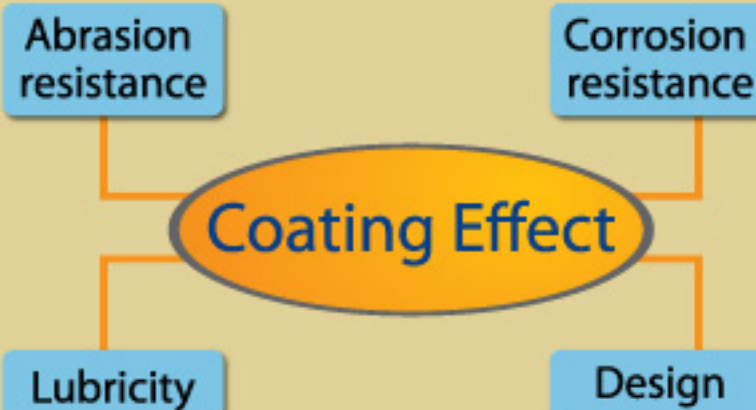


Photo of Advanced Coating System
This equipment can continuously perform plasma treatment process and PVD coating.

Coating Film •TiN •TiCN •TiAlN •CrN •DLC •Others



NIHON PARKERIZING CO.,LTD.
THAI PARKERIZING CO.,LTD.