

Phase 2 –Mould Coating

- Mould coating to support demoulding
- Coating can reduce cleaning effort
- Coating increases mould lifetime and decreases refurbishing effort

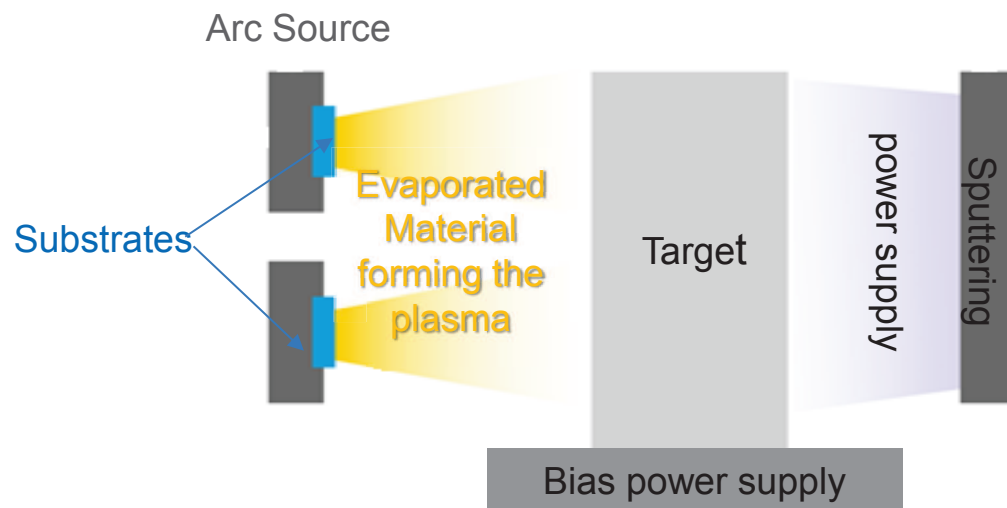
DMX



How is it PVD coating applied?

PVD Technology

- Tools are placed in a vacuum chamber and heated to working temperature 300-500°C
- Metal constituent of the coating is evaporated from the targets with electric arcs to form highly ionized plasma
- Elements in the plasma are combined with reactive gases and condensed on the substrate.



Coatings such as CrN, TiCN, TiN and AlTiN have been prepared by this technique in TDMSeals project, but the most successful results are obtained with DM3801 and DM309XS coatings from DMX

