



DLC COATINGS



It is no longer necessary to present DLC or to convince anyone of its utility on automotive applications such as: Cams / Finger contacts, Pistons / Wrist pin contacts, Plungers / Injector bore contacts, etc....

What industrial companies require today is consistent coating quality, mastered processes, and optimal productivity. HEF's PVD equipment and coatings respond perfectly to these requirements.

As leader in the field of surface engineering, HEF designs and produces equipment for vacuum PVD/PECVD coatings and offers a complete range of machines for:

- coating small series to automotive mass production series,
- batch to continuous processing of small to very large parts (coating chambers up to 30 m3).

Coating equipment can be supplied globally and HEF offers:

- Turnkey installation,
- Technology transfer and staff training,
- Licensing of proprietary coatings

HEF also provides job coating services at their world wide PVD processing facilities.

PRODUCT LINES :

- Coating equipment,
- De-coating machines,
- Test benches for tribological simulation,
- Equipment for research and teaching



Pictured: "TSD 550/535"

SERVICES

- Development of processes and ranges of coatings for particular applications, associated with the supply of dedicated equipment for particular requirements.
- Computerized supervision of employed processes, maintenance hot line and remote maintenance by modem.
- Supply of complete treatment lines including all peripheral equipment that may be necessary for cleaning, control, de-coating, etc.

COATING APPLICATIONS:

- Automotive and aerospace,
- Mechanical,
- Tooling: Plastic moulding, Rubber moulding, Aluminium processing...
- Electrical appliances
- Optical industry
- Energy transformation
- Etc...

