

LOST WAX BRONZE

METHOD

Bronze 'Art' Casting, is generally done using a form of **lost wax** *(traditionally referred to as;- **cire perdue** method, which literally means lost wax).

This method greatly increases the ability to recover detail in the final casting as well as successfully making complicated forms requiring undercuts which may not be made using simple sand casting methods.

Here is a brief explanation of this process:

- When a Sculpture Model or object is reproduced it is first made into a wax pattern from a Mother Mold.
- A Mother Mold is a negative pattern (reusable and mostly made from a rubber product) created from the sculpture model.-
- The Wax Pattern, in turn, is reproduced by pouring wax, inside the Mother Mold, and is used as a transitory one time positive (

This *wax pattern will become the Bronze* after:- the wax and plaster mold is put in a kiln and the wax is melted out (hence, *lost wax*).

When the fired Mold is removed from the Kiln;- Molten Bronze poured in the waiting mold. The Bronze replaces the Wax Pattern inside a one time investment (plaster or ceramic) mold.