

Molybdenum, Tungsten

CREMER furnaces are also applied for the heat treatment of refractory metal powder. Such metal powders, such as molybdenum, tungsten, cobalt and uranium oxide can best be processed using powder metallurgy methods. They are produced in electric arc furnaces (not part of our product range), by injection or even chemically. The metal powder produced in this way must be reduced, often in several steps. Therefore we offer several types of thermal process facilities, which are optimally adapted to the required process steps, e.g. Multi tube furnaces.

Multi tube furnaces for Reduction of refractory metal powder:

The powder is filled into metallic trays and pushed through the tubes. A high gas flow, which is recirculated, ensures, that no water condenses. In some cases the loaded trays are moved through the tubes in two layers. The trays are loaded and emptied automatically. Such utilities are especially needed for the production of molybdenum and tungsten powder.

- Temperatures of up to 1150°C
- Up to 18 tubes in one furnace

Additional Equipment Modules

+ Automation (Total Process Control (TPC) System)

Foto Gallery



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