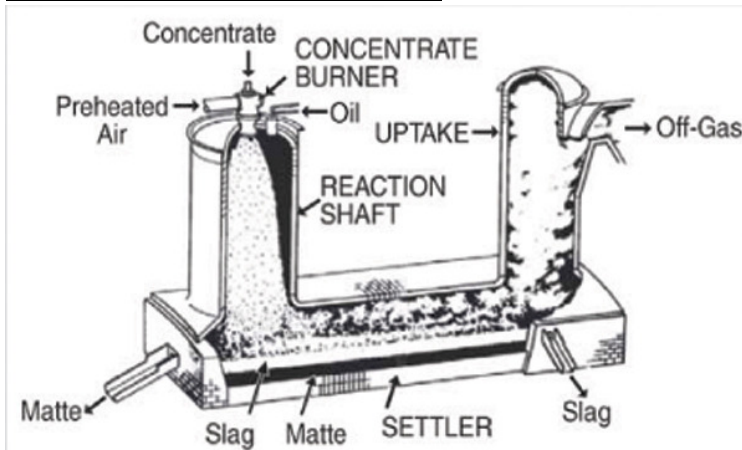
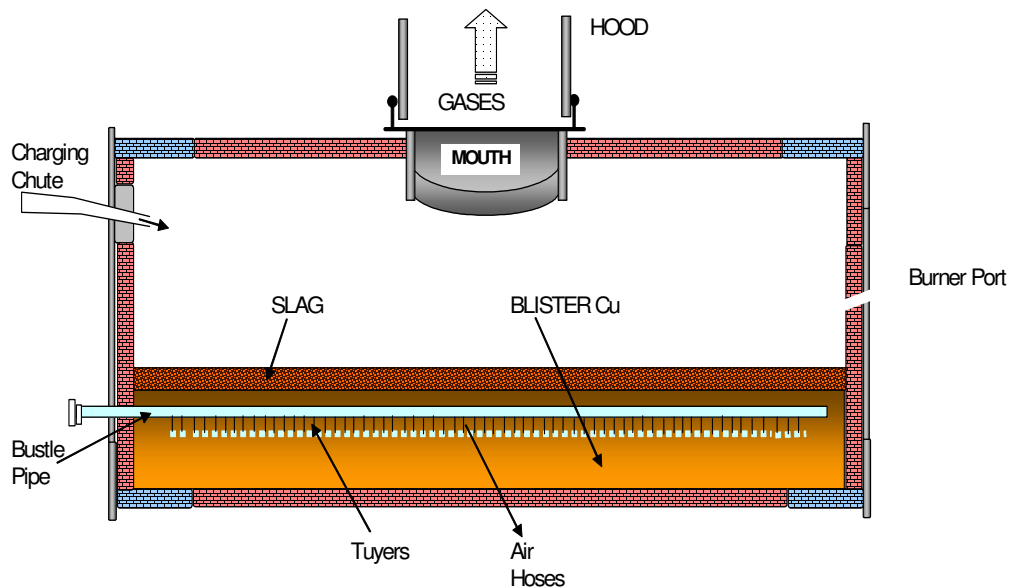


COPPER INDUSTRY



Flash Smelting Furnace



Pierce Smith Converter

TRL Krosaki provides world class refractories for copper industry which includes a wide range of direct bonded magnesia chrome (DBMC) bricks (TRL CRVV, TRL CRXS, TRL CRXV, TRL CRXV1, TRL CRVS, TRL DBMC TF, TRL DBMC TF1 etc.) Fireclay / High alumina bricks (TRL 42, TRL H1AI59 etc), alumina chrome (TRL CRAL 10P)), insulating bricks and monolithics.

TRL Krosaki manufactures DBMC bricks with high purity raw materials (sea water magnesia / high purity magnesia, fused mag. Chrome co-clinker & high purity chrome ore), using new generation mixers & presses and firing at temperature above

1800°C to maximize direct bonding. A special post firing treatment has been designed for optimum spinel formation. These bricks are highly resistant to sulphate attack and have a strong resistance towards fayalite containing slag.

Post firing treatment gives the material high room temp. strength and reduces permeability.

Copper is mainly produced by different processes like outokumpu, Mitsu bishi, ISA - SMELT etc. TRL Krosaki provides all refractories for these processes.

DBMC bricks supplied by TRL Krosaki are performing satisfactorily in various equipments like flash smelting furnace, pierce smith converter, slag cleaning furnace, anode furnace, troff converter, smelting furnace, converting furnace, ISA Furnace, rotary holding furnace etc.

Besides supply of refractories, TRL Krosaki provides total solution to copper industry which includes design, installation & expert supervision services.



Anode furnace