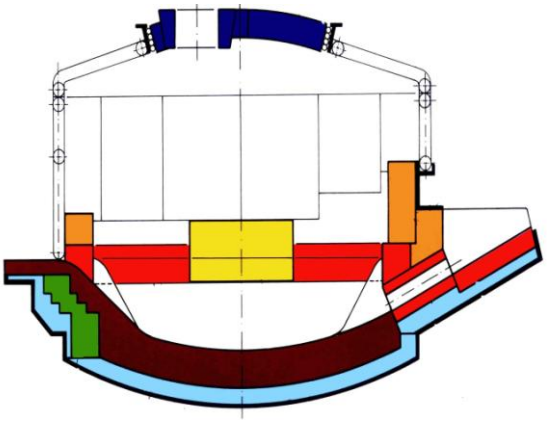
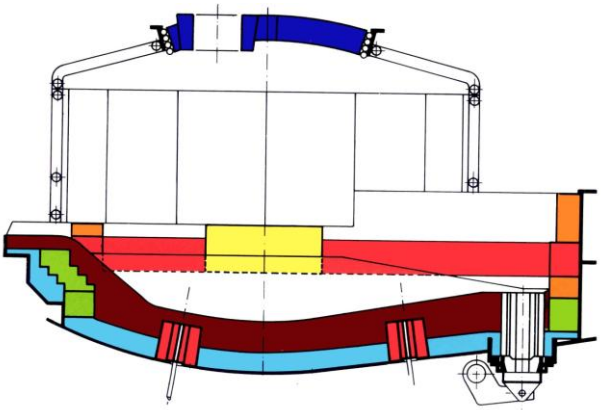
電爐爐底乾式搗打料 Ramming mix for hearth of Electric-arc furnace



槽式出鋼的電弧爐



偏心爐底出鋼的電弧爐

具有良好的抗鋼水和熔渣侵蝕及沖刷能力，燒結層致密，壽命長，噸鋼消耗低，易於施工和修補，節約能源。適用於 UHP 爐爐底和爐坡工作襯。
經多家煉鋼廠 UHP 爐使用結果表明，噸鋼消耗 1.0 公斤左右，最低噸鋼消耗 0.77 公斤。

The products, characterized with high corrosion and erosion resistance against molten steel and slag, dense sintered layer, long service life, low specific refractories consumption, easy construction and repairing, and energy saving, are used as working linings of UHP EAF bottom by on site ramming. The specific mix consumption for per ton steel in UHP furnace can be reduced to 1.0 kg, and even minimize to 0.77 kg, which has been tested by several plants.

技術參數 Technical Data

項　　目		電爐爐底乾式搗打料 Ramming mix for hearth of Electric-arc furnace
MgO % ≧		80
CaO		4~10
Fe_2O_3		4~10
體積密度 Bulk density，g/cm^{-3} ≧		2.2（堆積密度 packing density）
耐壓強度 Crushing strength，Mpa ≧	1600℃×3h	25
應　　用		作為超高功率電爐底工作襯的現場搗打製作。 Used as working lining for UHP EAF bottom by on site ramming.

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