

The invention relates to the metallurgy and concerns equipment for blast furnaces reconstruction. Applied is blast furnace supporting system which consists of hearth columns and shaft made in the form of one integral vertical column, which sole rests upon basement. On columns heads there is mounted supporting belt bearing the space truss with furnace mouth board. Internal brackets are provided on integral columns, on which brackets the deck ring of the casing rests. Columns heads are connected with the furnace casing by rigid horizontal couplants. The system allows to replace hearth and shaft columns without disassembly of furnace mouth board.