

The invention relates to ferrous metallurgy, in particular to the design of feeding device of the blast-furnace. A feeding device of blast-furnace is made in the form of a two-bunker receiving funnel with gas-closing valves, a stationary stock-distributing gear with differential and dosing funnels and a small bell, a cup with radial distributor in the form of a truncated cone with a working hole limited by a collar, a gas damper with protective plates. The differential funnel consists of two bunkers with wedge bottoms equipped with splitters and lateral chutes with an overclamp, and the gas-closing valves are located at an angle of $40-50^{\circ}$ to the horizontal with an axis of openings crossing the tops of the bottom wedges. The protective plates are made as connected with drives by a cranked lever with possibility of displacement through an arc with the diameter equal to the length of cranked lever, the movable plates with lever and drive are disposed in detachable cases of inspection holes. The inspection holes are equipped with additional covers closing the holes at substituting or repairing hinged joints and drives of movable plates. The invention provides for regulated radial distribution of charge and gases with an "air hole" in the axial zone. Besides distribution of materials and gases through a ring of the furnace mouth is uniform with subject and flexible control. Rational radial and ring distribution of the charge and gases lowers coke consumption at simultaneous enhance of the blast-furnaces productivity.