

The present invention relates to a dry-type dusting installation having heat exchanger for blast furnace, which is composed of a coarse duster (1), a heat exchanger (2), a fine duster (3), valves and pipes. It also has pipes (4) communicating with blast furnace or boiler system, which can transfer the heat of the hot-air or high temperature flue gas to the gas to dedust in order to avoid dew. In order to reduce the heat exchanger's manufacturing requirement, a mix gas valve (5) is set on the pipe (4). Partly normal temperature air are mixed with hot-air, so as to maintain the maximal temperature in the heat exchanger not too high. It has air inlet valve (6) and induced draft fan (7), if necessary, the natural wind enters the heat exchanger to lower temperature of the gas to dedust. The advantages are: (a) which omits special high temperature heat source, showing more advantage especially running at little probability (power), (b) which can make use of the potential of the blast furnace fully, (c) which is quickly startup, shortly temperature sluggish, quickly response, etc.