

The invention relates to a method for equalizing the gas pressure in a hopper (1) for removing a fine-grained, fluidizable bulk material from a silo, and to a corresponding hopper (1), wherein the hopper (1) has at least one pressure-relieving insert (3) or at least one internal hopper (14). The invention provides for reducing the pressure difference between the gas pressure within the flowing bulk material and the gas pressure in the outer surroundings or in the upper space of the silo by means of at least one pressure-equalizing line (5) and injection of compressed gas, preferably compressed air, into the internal space of the hopper (1) through at least one nozzle (8). This brings about quicker and more even pressure equalization between the gas pressure in the bulk material and the ambient pressure, which prevents fluidizing and discharge of the bulk material.