

A wind accelerator has confuser-diffuser accelerator, wind wheel, reducer, V-belt transmission, brakes, electric generator, stabilizer. In the body of the wind accelerator controlling slides are installed, those by ropes through blocks are kinematically connected to counter-weights; at that the slides by means of electric circuit are connected to electric generator through beam-rods and executive mechanism comprising of a group of relays and magnetic starters, and the support of the wind accelerator is used as ejector as a confuser. Such implementation of the wind accelerator makes it possible to provide reliable protection of electric generator and wind wheel at overload and at exceeding of prescribed speed range by wind.