

A grain separator comprises a settling chamber, a pneumatic centrifugal winnowing machine with conical and cylindrical portions of a casing and a pipe to connect to the settling chamber and vibratory centrifugal sieves mounted on a frame with a spreader of grain mix of the pneumatic centrifugal winnowing machine in the cylindrical casing. To the conical portion of the casing of pneumatic centrifugal winnowing machine a louver cylindrical surface is secured, to which by its large base a louver surface of a truncated cone is connected and in the cylindrical portion of the casing of pneumatic centrifugal winnowing machine intake louvers are made, wherein the louvers on all surfaces protrude from their outer sides and are inclined towards the direction of movement of the spreader of grain mix of the pneumatic centrifugal winnowing machine.