A grain separator under each of the pulsators has a grain cleaner so as to allow the grain to spill through it downwards under the influence of own weight thereof and to eliminate yield's non-grain part upwards by an air-flow between the pulsators and then through an air dispenser under a net-like tape and further beyond the bounds of the separator. The upper part of the cleaner consists of two guides which meet and are placed between the pulsators. The lower guide of the grain cleaner, which serves simultaneously as an air dispenser, starts in the inlet air window of the separator and consists of three parts: the first and the third ones are made of a sheet and the second is made as a sieve of the jalousie-type with opening width up to 20 mm. In doing so plates of the jalousie are measured in the transversal direction and inclined according to running of the air motion under an angle to the horizont which is not less than 38...40°. One of the meeting guides in the upper part of the cleaner joins to the vertical partition of the air dispenser and the other to a toggle clip, which has the possibility of changing the width of a longitudinal channel between the guides from 5 to 40 mm.