

Disclosed is a method for separating at least one flow (14, 15, 16) of harvested mass of farm production on at least one transporting and cleaning element (20) of a combined harvester (1). The transporting and cleaning element (20) is driven in longitudinal oscillation (L) and transversal oscillation (Q) by at least one vibratory drive (30). The transversal oscillation (Q) of the transporting and cleaning element is changed depending on the transversal distribution (A) of a flow (14, 15, 16) of the harvested mass. In doing so the transversal oscillation (Q) is first subjected to preliminary regulation depending on inclination of the grain combined harvester (1) and then to precise regulation depending on the transversal distribution (A) of the flow of harvested mass. The device for separating comprises at least one device (37, 38, 39) for measuring grain flows for determining the transversal distribution (A) of the flow (14, 15, 16) of harvested mass and a control unit (42) for regulating the transporting and cleaning element by transversal oscillation (Q). The control unit (42) is made in such a manner as to allow regulating the transversal oscillation (Q) depending on the transversal distribution (A) of harvested mass. In doing so the control unit (42) is made in such a manner as to allow regulating the transversal oscillation (Q) depending on the transversal distribution (A) of the harvested mass.