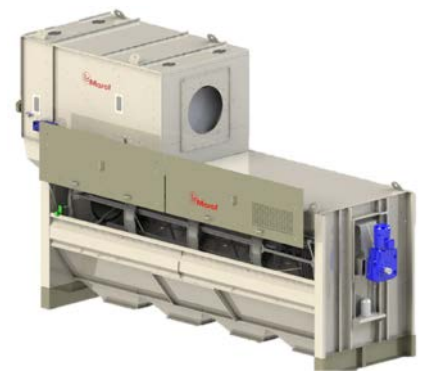


Rotary drumsieve cleaners

for pre-cleaning, fine cleaning and grading



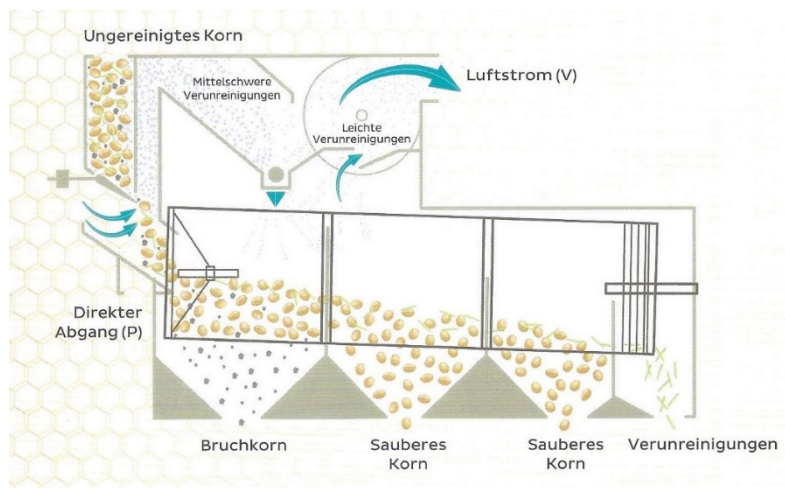
Models PN for pre-cleaning – separation of coarse impurities

The pre-cleaners are designed for simple and quick removal of large impurities and rubble from grain. These machines can be combined with a recirculating air cleaner or an aspiration in order to remove all light impurities such as straw and dust by means of suction air even before the sieve cleaning. Our models PN achieve a performance of 35 t/h up to 400 t/h and are equipped with 1 pc. up to 5 pcs. drum sieves. Grain enters into the rotating drum and passes through the screen perforations leaving the large rubble at the end.

The diameters of the sieve cylinders reach from 805 up to 1.610 mm with a screen surface of 2,5 - 25 m². The choice of the appropriate sieve perforation is determined by the product to be cleaned, its humidity content and the kind of impurities.

Models EC for main and fine cleaning – separation of broken kernels and trash

The machine consists of an aspiration system followed by a rotary drum accord. to the sketch below. The heavy kernels fall from the airflow and are deposited in the bottom of the aspiration chamber from where they are extracted by a screw conveyor. The lightest rejects are blown out by a fan. If only aspiration is required, the product can be discharged at an outlet. The first screen removes split grain, sand, etc., the successive screens allow the good product to pass through. At the end of the sieve drum the oversized particles and coarse impurities are discharged. The very large choice of screen combinations allows a great flexibility of use with any type of grain, oilseeds or legumes, with throughputs of 5 up to 400 t/h and screen areas of 2 up to 25 m².



Models SK for grading – separation accord. to grain size

The accuracy of the selection is obtained by the rotating drum, which can have variable speed and variable inclination. The choice of the appropriate model will be based on the number of required separations/fractions (3 – 5) as well as the duty of separation.