

## AUER spiral trieur

The spiral trieur is not a trieur in the conventional sense, but a spiral chute on which the products are separated according to different centrifugal forces (due to their shape and surface properties). The rounder the seeds are, the further outwards they roll in a helical sheet bent around an axis, which means that round seeds roll on the outside, while broken grains slide inside the spiral trieur. For this reason, spiral trieur do not need an electrical connection, but only work with gravity and centrifugal force.

The spiral trieur are made of aluminum sheet and have a diameter of 50cm. There are 2 models available in heights of 140cm or 170cm, with a capacity of ~ 500kg/h. With lower throughput, the result becomes more accurate.

The height of the spiral trieur is decisive for the result, as both models have the same inclination of the coils. For example, the separation of broken grain from spherical weeds (selective material from a cell trieur) works more precisely with the smaller model. On the other hand, the separation of materials with similar rolling behavior works better with the larger model.



Symbolfoto Wikipedia

