



Small parts separator

For carrots



- Very high separating precision
- Very gentle sorting
- High performance

Type KGT 1.400 – 3

Throughput	approx. 12 t/h
Barrel diameter	1.4 m
Segments	3

Type KGT 1.400 – 4

Throughput	approx. 15 t/h
Barrel diameter	1.4 m
Segments	4

Pocket size	90 mm
Other sizes available on request.	

Small parts separator

The small parts separator is used for continuous and gentle sorting of small carrot parts. It is suitable in particular for relatively high throughput rates. The main element is the rotating sorting drum made of stainless steel, the sorting elements being made of foodstuff-compatible plastic. The sorting elements are equipped with pockets. The axle- and spokeless sorting drum is suspended on several belts from the two drive shafts arranged along the machine. Each drive shaft is equipped with a direct drive with gear motor for minimising wear.

The grading size is preset by the pocket size in the sorting elements and cannot be changed. The separating precision is very high. The pockets of the slowly rotating drum receive the fragments and carrots that are too short. While the small parts present in the pockets are carried upwards to a conveyor belt, the longer parts are discharged towards the front. During this process, the parts are sprinkled with water. A conveyor belt inside the drum discharges the broken parts from the drum.

The small parts separator is available in two different lengths.

Only washed and still wet materials can be sorted. A large percentage of short carrots or broken parts can reduce performance.

