

Optical sorter

OS f *roeber*

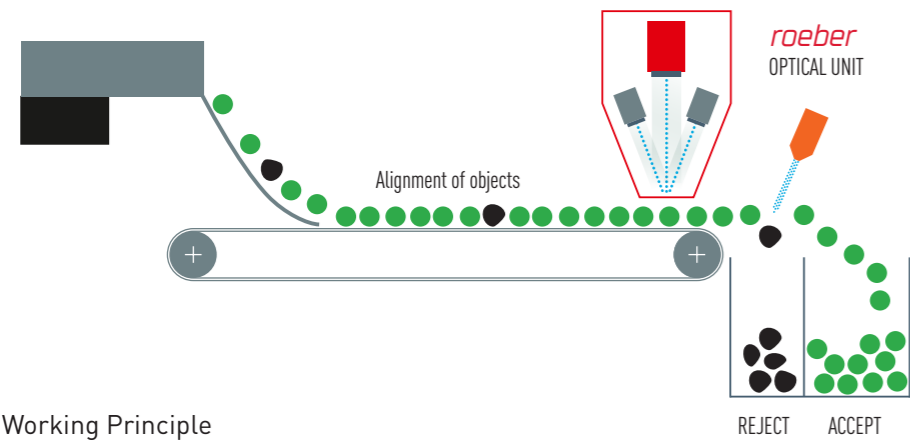


Beyond the limit



*μ*zoom
technology

 Innovation is our DNA.



User friendly design



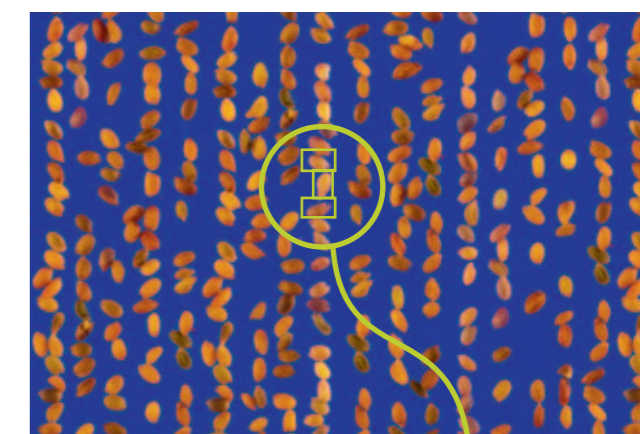
Specially developed for fine seed



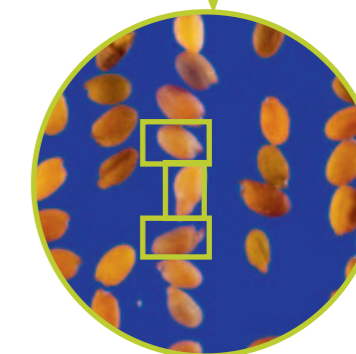
Technical Data		OS f1.6	OS f3.0
Length	mm	1767	1767
Width	mm	820	820
Height	mm	1931	1931
Sorting Width	mm	160	300
Power consumption	kVA	0.9	1.4
Power supply		230 V AC, 50 Hz	
Compressed air		min. 0.15 m ³ per min.* at 2.5 bar	

* Estimate - depends on contamination levels

TeachNSort Software



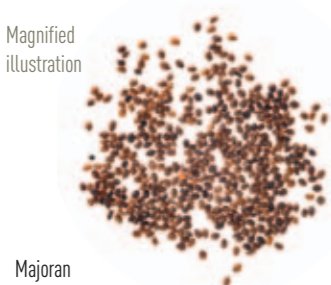
Magnified illustration



OS f roeber

- + Full color inspection
- + Shape detection
- + Sophisticated object splitting
- + Kernel by kernel analysis
- + Machine learning; manual & mixed-mode teach-in
- + On the fly capacity measurement
- + Adaptable background color

Magnified illustration





Beyond the limit

Fine seeds such as vegetable, flower and grass are challenging because of their small size and low, light weight. With traditional mechanical cleaning and/or conventional optical sorting, the obtained quality is limited. In order to allow even the smallest seeds to be detected, we had to exceed the existing limits of sorting quality.

With our specially developed μ zoom technology and a special ejection technique utilizing very small, extremely precise nozzles, we take seed quality to a new level. With the OS f developed for your fine seeds you can go beyond the limit.

Optical sorter

OS f *roeber*

 **Innovation is our DNA.**

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