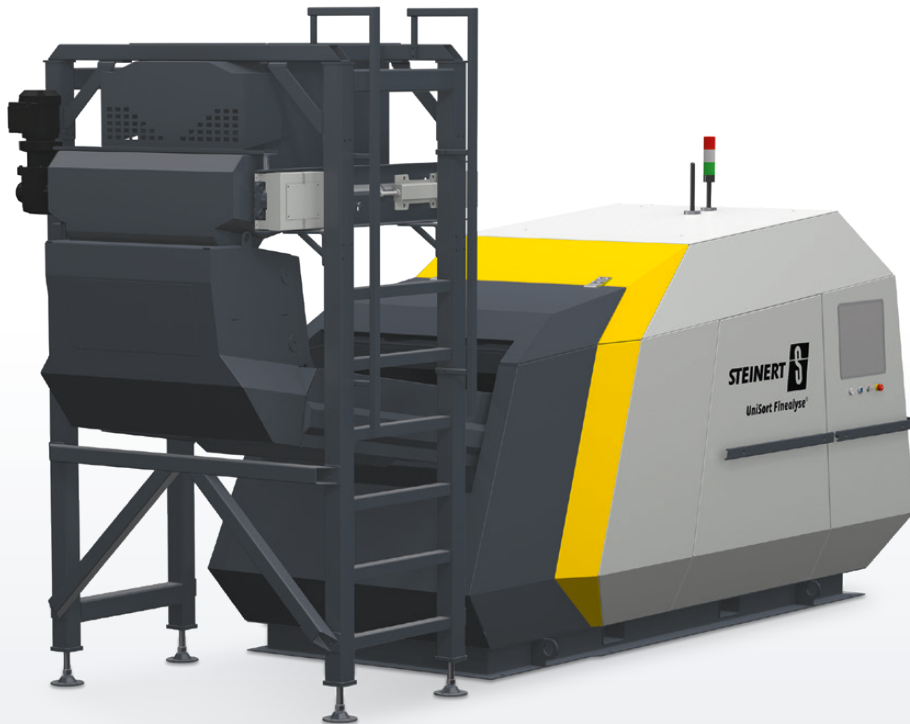


Fact Sheet

UniSort Finealyse[®]



+ METAL SORTING

- + Sorting of granulates in the fraction range from 3 to 25 mm, such as the separation of cable granulate into copper and residual metals from WEEE (e-scrap)
- + Color sorting of non-ferrous metal granulates from e-scrap

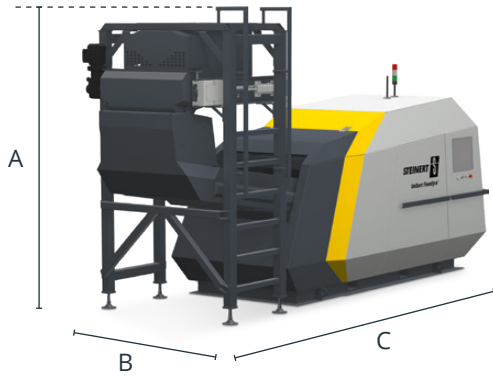
+ WASTE SORTING

- + Sorts solid fines materials such as PET flakes and plastic granulates according to type or colour
- + Foreign colours or plastics are precisely removed from a material stream

THE RESOURCE
SEARCH ENGINE

CURIOSUS?
Learn more.





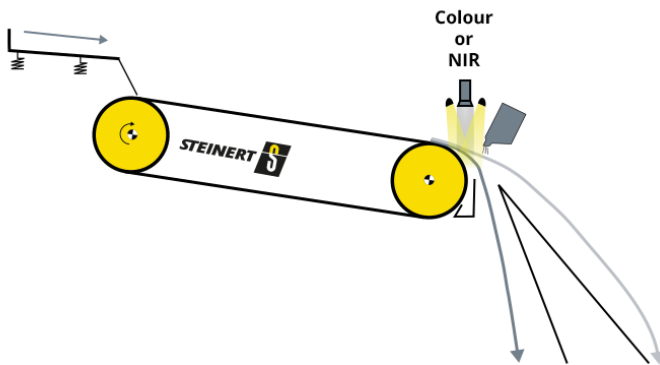
+ TECHNOLOGY

UniSort Finealyse®

Based on hyperspectral imaging (HSI) technology – the advantages lie in the combination of highest local and spectral resolution. The material is fed via a dosing device onto the acceleration belt.

The optional Active Object Control (AOC) system stabilizes the material that tends to move on the belt and keeps it in a stable position even after leaving the belt and entering the in-flight detection area.

Whilst the sortable material flows through the detection area, the corresponding sensor detects the type or colour as necessary and the position. The controller then activates the correct nozzles at precisely the right time and position. The physical separation of the two material streams is achieved by a splitter plate.



UniSort Finealyse®		P750F/C750F
General		
Working width (mm)		750
Dimensions approx. (mm)	A	2,530
	B	1,500
	C	4,520
Weight incl. nozzle bar (kg)		1,450
Environmental specifications		
Permitted ambient temp. depending on version (°C)		-5 to +40
Installation site		Under roof/indoor
Conformities		
Given conformities		EN (UL-CSA)
Electrical specifications		
Machine power consumption (kVA)		7
Machine protection class		IP 54 (not certified)
Pneumatic specifications		
Compressed air quality		ISO 8573-1: class 3.4.4
Operating pressure (bar)		5–6
Pneumatic connection (inch)		1
Options + variants		
Example accessories		High-resolution NIR camera (UniSort Finealyse P), highly selective colour recognition unit (UniSort Finealyse C), platform

Technical alterations reserved. For more details see the operating instruction of the sorting system.