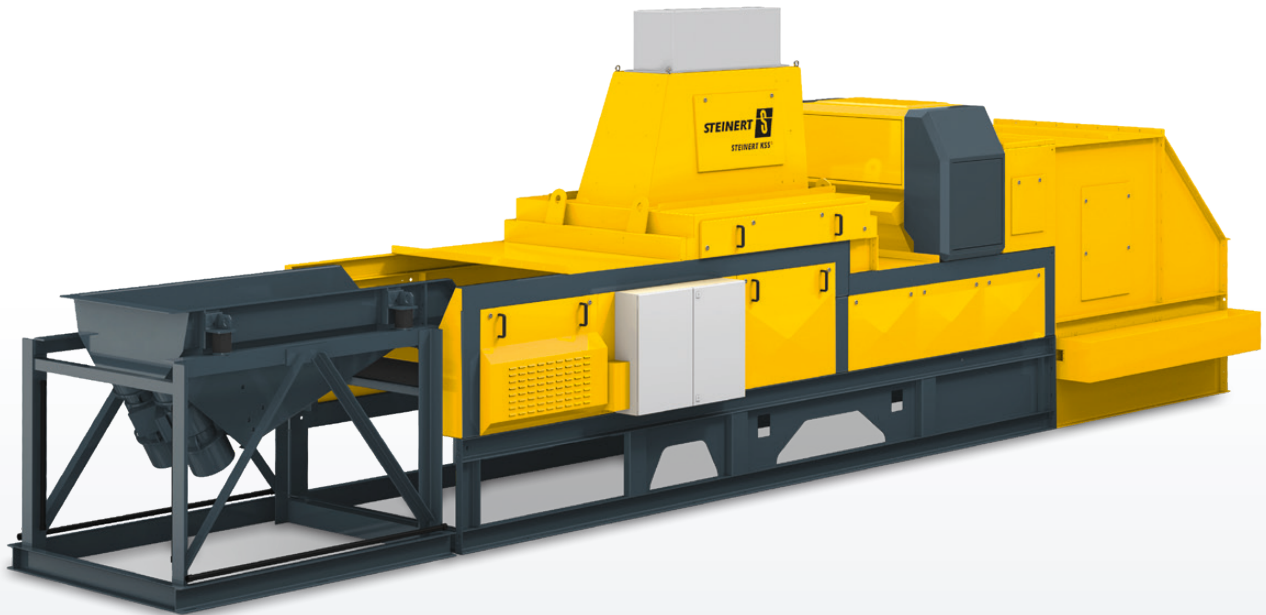MAGNETIC **+** SENSOR **SORTING SOLUTIONS**

Fact Sheet

STEINERT KSS® | NR CLI

+ METAL SORTING

+ Recovery and sorting of wood, cables, circuit boards, stainless steel and mixed metal fractions from car shredder residues, e-scrap, incinerator bottom ash, etc.

+ WASTE SORTING

+ Treatment of demolition waste and mixed construction waste
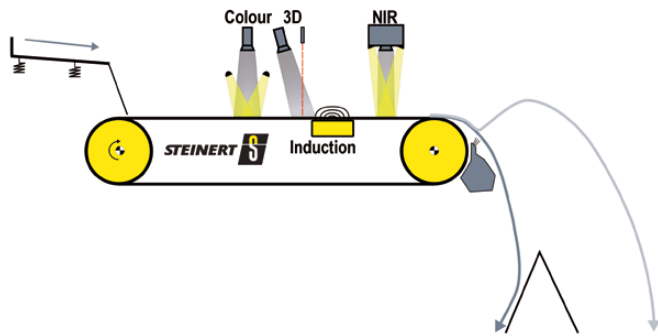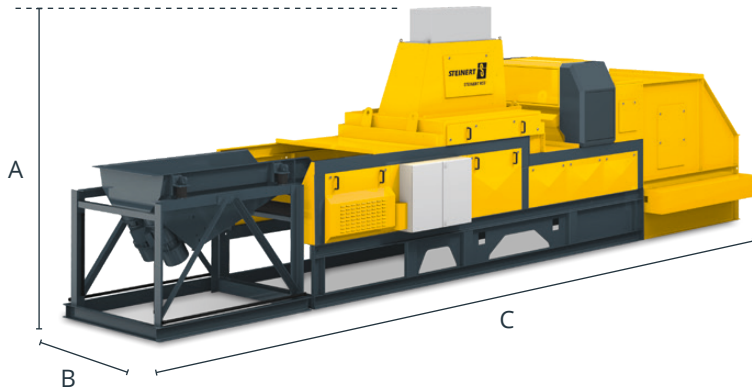+ Sorting of concrete and brick rubble
+ Processing of waste wood

+ MINING

+ Ideal for industrial minerals
+ Cleaning of calcite and dolomite from impurities like quartz and other waste stones
+ Upgrading critical minerals such as spodumene, petalite and lepidolite in lithium processing plants

THE RESOURCE
SEARCH ENGINE

CURIOUS?
Learn more.

+ TECHNOLOGY

STEINERT KSS® | NR CLI combines:

+ Near infrared **NIR**
+ Colour **C**
+ Laser (3D detection) **L**
+ Induction sensor **I**

The sorting system combines colour, 3D and metal detection with detection in the near infrared (NIR) range.

STEINERT KSS® | NR CLI		KSS 100 NR CLI	KSS 200 NR CLI
General			
Working width (mm)		1,000	2,000
Dimensions approx. (mm)	A	3,180	3,180
	B	2,000	3,000
	C	10,600	10,600
Weight approx. ZOR + KSS + ALx (kg)		6,280	8,860
Environmental specifications			
Permitted ambient temp. depending on version (°C)		-5 to +40	
Installation site		Under roof/indoor	
Conformities			
Given conformities		CE	
Electrical specifications			
Machine power consumption (kVA)		30.7	35.5
Machine protection class		IP55/IP66	
Pneumatic specifications			
Compressed air quality		ISO 8573-1	
Operating pressure (bar)		8/10	
Pneumatic connection (inch)		2	
Options + variants			
Example accessories		Belt drift detection, rotation monitoring, belt scraper	
Control			
Dimensions approx. (mm)	Height	2,100	
	Width	1,600	
	Depth	600	
Weight (kg)		350	
Distance control to machine (m)		10	
Electrical full load (A)		44.3	51.3

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

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