

Fact Sheet

STEINERT XSS® T EVO 5.0



+ METAL SORTING

- + Sorts light from heavy metals
- + Sorts wrought from cast aluminum
- + Reduces the amount of free magnesium in aluminum concentrates
- + Reduces the content of flame retarding elements in E-scrap plastics

+ WASTE SORTING

- + Wood treatment and separation of impurities such as glass, ceramics, minerals, metals
- + Compost treatment and sorting of impurities such as glass, minerals, metals

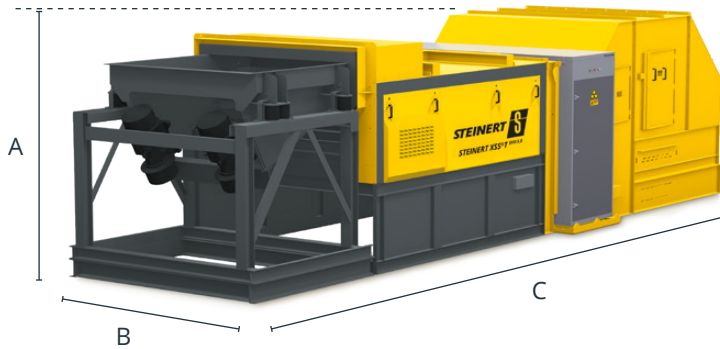
+ MINING

- + Pre-concentration
- + Separates ore according to grade
- + Waste (gangue) removal

THE RESOURCE
SEARCH ENGINE

CURIOSUS?
Learn more.



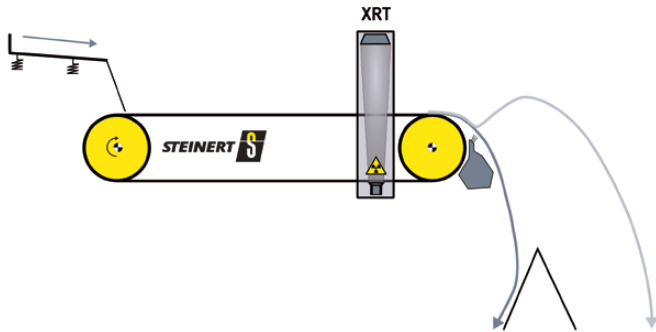


+ TECHNOLOGY

STEINERT XSS® T EVO 5.0

+ Dry sorting of bulk materials

The transmitting x-rays travel through material on a belt where they are attenuated based on the material's density. Detectors measure the attenuated x-rays and classify the material according to the inferred atomic absorption.



| STEINERT XSS® T EVO 5.0 | | 100 | 120 | 200 |
|---|--------|--|-------|--------|
| General | | | | |
| Working width (mm) | | 1,000 | 1,200 | 2,000 |
| Dimensions approx. (mm) | A | 2,150 | 2,150 | 2,550 |
| | B | 2,120 | 2,120 | 3,200 |
| | C | 9,850 | 9,850 | 9,890 |
| Weight approx. ZOR + KSS + ALx (kg) | | 6,200 | 7,400 | 10,300 |
| Environmental specifications | | | | |
| Permitted ambient temp. depending on version (°C) | | -5 to +40 | | |
| Installation site | | Under roof/indoor | | |
| Conformities | | | | |
| Given conformities | | CE, UL/CSA | | |
| Electrical specifications | | | | |
| Machine power consumption (kVA) | | 25 | | |
| 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, preparation for dust extraction | | |
| Control | | | | |
| Dimensions approx. (mm) | Height | 2,100 | | |
| | Width | 1,600 | | |
| | Depth | 600 | | |
| Weight (kg) | | 300 | | |
| Distance control to machine (m) | | 10 | | |
| Electrical full load (A) | | 30.4 | 30.4 | 38.4 |

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