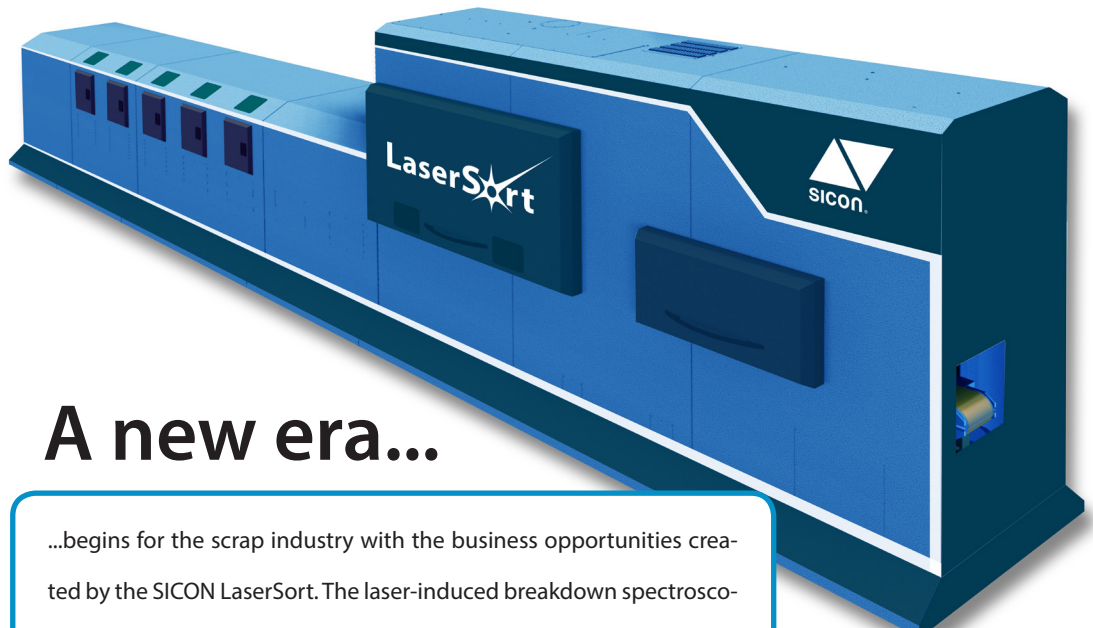


LaserSort

Separate all your material down to its base metal alloys
Separation of Non-Ferrous Mixtures



A new era...

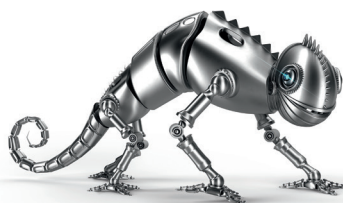
...begins for the scrap industry with the business opportunities created by the SICON LaserSort. The laser-induced breakdown spectroscopy is currently one of the most exciting developments within the scrap industry. The all-new SICON LaserSort delivers a solution to tackle the growing demand for unmixed aluminum alloys and pure non-ferrous metals as well as the restrictions of the export to Asia.

**EUROPEAN
PRODUCT
DESIGN
AWARD**

European Product Design Award 2019

- In-line separation of up to 15 different metals and alloys in one single pass
- Complete solutions including material presentation
- Supply of customized material qualities to consumers
- Direct access to metal foundries with alloy grade material
- Access to new customer base and refineries
- Precise and individual adjustment of sorting capabilities to your needs

BENEFITS



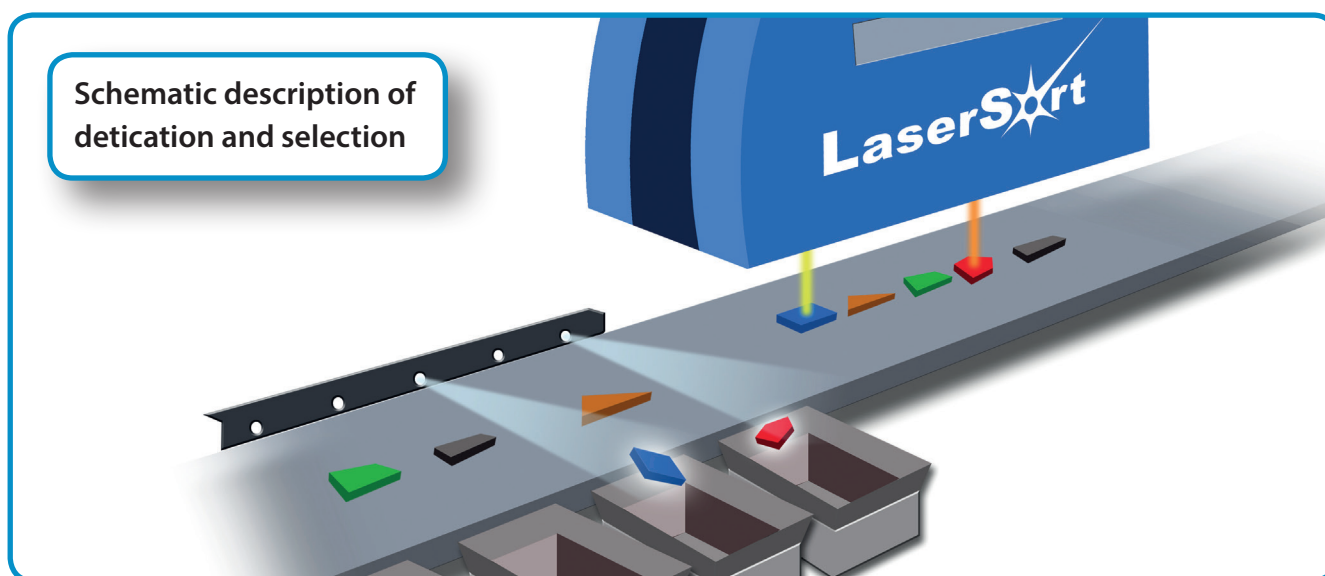
www.sicon-america.com





Previously, the density-based X-Ray transmission separation by the VariSort XRT was the only solution for the separation of cast and wrought aluminum alloys but was restricted by types of separable alloys. With its specific design the SICON LaserSort can separate any specific kind of metal in one single pass, including recovery of 5000 and 6000 aluminum alloy series.

SICON LIBS Sorter	
Throughput	1-3 mt/h per line (depends on input material)
Grain size	1"-6" (25 -120 mm)
Number of splits	Up to 15 fractions (modularly expandable through module construction)
Operation mode	Completely automated
Material input	Zorba, any Non-Ferrous Mixture, Aluminum, Stainless Steel
Output	Any clean alloy fraction
Integration	Offline, stand-alone, including material presentation



Contact us for more information about our products

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