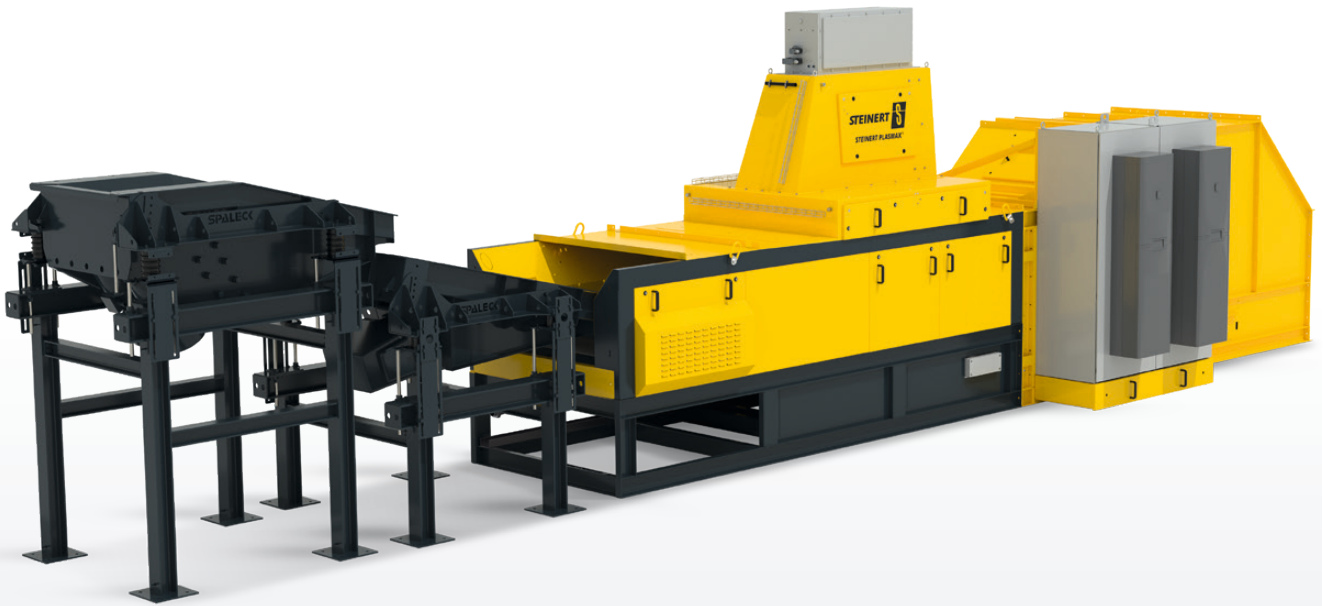


Fact Sheet

STEINERT PLASMAX® | LIBS



+ METAL SORTING

- + Sorts aluminium scrap into alloy packages such as 5xxx and 6xxx
- + Produces high purities for direct use in aluminium smelters (melt-ready)

THE RESOURCE
SEARCH ENGINE

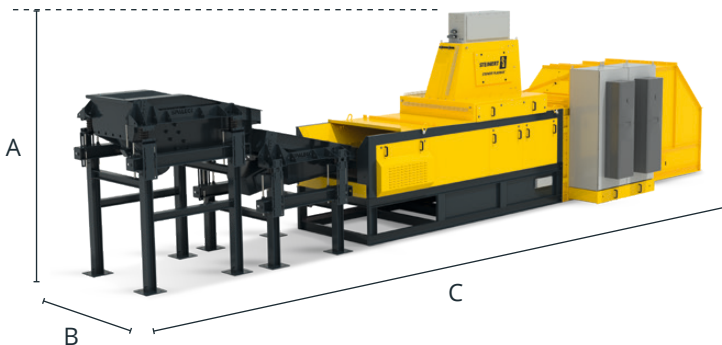
CURIOSUS?
Learn more.



+ TECHNOLOGY

STEINERT PLASMAX® | LIBS

- + The PLASMAX sorting system utilises LIBS technology (Laser-Induced Breakdown Spectroscopy) to precisely determine alloying elements to differentiate alloy types and to separate aluminium scrap accordingly.
- + In addition to the LIBS unit, the sorting system is also equipped with 3D detection to capture a high spatial resolution of the object shape.
- + Sorts up to 3 product fractions in just one sorting step.



STEINERT PLASMAX® | LIBS

General

Dimensions approx. (mm)	A	3,230
	B	2,610
	C	12,700
Weight incl. nozzle bar (kg)		8,400

Environmental specifications

Permitted ambient temp. depending on version (°C)	-5 to +40
Installation site	Under roof/indoor

Conformities

Given Conformities	CE
--------------------	----

Electrical specifications

Machines power consumption (kVA)	43.4
Machine protection class	IP55

Pneumatic specifications

Compressed air quality	ISO 8573-1: class 3.4.3
Operating pressure (bar)	8/10
Pneumatic connection (inch)	2

Options + variants

Example accessories	Bunker feeder with automatically controlled dosing (flow control)
---------------------	---

Control

Dimensions approx. (mm)	Height	2,100
	Width	1,600
	Depth	600
Weight (kg)		450
Distance control to machine (m)		10
Electrical full load (A)		62.7

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