



**SORTEX A
LumoVision™**

Specially designed for
Aflatoxin reduction.

SORTEX A LumoVision

A completely new approach to optical sorting

Sophisticated sorter that reduces Aflatoxin defects from maize and peanuts, FM defects from peanuts and Mycotoxin defects, quaker and potato from green coffee. Available in three frame sizes in up to five modules featuring the SORTEX A LumoVision technology.



Exceptional accept quality

With a custom-built inspection system designed specifically for Aflatoxin reduction in maize and peanuts, Mycotoxin defects, quaker and potato from green coffee and FM sorting from peanuts. The SORTEX A LumoVision can remove the most challenging mycotoxin defects, Quaker and potato from Green coffee for an exceptional accept quality.



Yield & bagging capacity

SORTEX A LumoVision can remove the most challenging defects, including reducing grains affected by Aflatoxin and Fumonisin in maize and nuts available in flexible sizing, capable of handling up to twenty tons of product per hour.



SORTEX Monitoring System powered by Bühler Insights

At-a-glance dashboards of the SORTEX A LumoVision provide a simple and comprehensive overview of each sorter with various alarms to notify anomalies as defined by the sorting algorithm.

Defects

Maize



Removing grains affected by Aflatoxin/Fumonisin defects along with visible discoloration

Peanuts



Removing mouldy peanuts affected by Aflatoxin

Chestnuts



Removing shell, skin, mould, dark and Aflatoxin affected chestnuts

Coffee



Mycotoxin defects, quaker and potato defects



SORTEX A LumoVision optical sorting

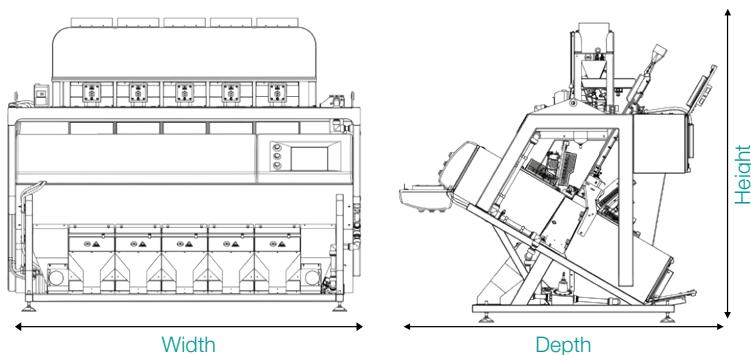
- 1 Automated background**
Background adjusts as light levels vary delivering consistent operation
- 2 Advanced inspection system**
Ultimate detection of mycotoxin defects for the most complex sorting applications
- 3 Sealed optical & control cabinets**
Rated up to IP5X to protect against dust ingress maintaining a stable and reliable operation in dusty environments

- 4 High capacity**
Available with up to five chutes for flexible sorting configuration
- 5 Digital solutions**
State-of-the-art digital solutions powered by Bühler Insights drive gains in performance, productivity, and efficiency. Ensure maximum uptime, avoid product wastage, and spot quality issues using actionable insights and real-time alarms.



SORTEX A LumoVision

Technical specifications



Module	Width mm	Depth (door shut) mm	Height mm	Weight* kg	Typical air requirements 0.6-0.8 Mpa L/s	Typical power consumption** (220v, 50/60 Hz single phase) kW
3 modules	2387	1708	2088	1064	25	2.8
4 modules	2387	1708	2088	1107	32	3.2
5 modules	2387	1708	2088	1150	40	3.6

*Unpacked weight. Figures will vary based on machine specifications.

**Figures will vary based on contamination levels.

***Figures will vary based on machine specifications.

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