



Bühler DA MultiVision™.

New cost-effective sorting range from Bühler. Available with up to 5 modules. Sorting up to 7.5 tons per hour* with simultaneous multiple defect detection.

Bühler DA MultiVision Optical Sorter. One sorter for multiple products.

Latest addition to Bühler's optical sorting portfolio, purposely designed to sort grains, pulses, spices and seeds. The Bühler DA MultiVision can simultaneously detect multiple defects and small spots.

Colour defect and foreign material removal - at the same time

Features high resolution colour cameras that uses multiple visible wavelengths to detect up to 6 different defect categories. Enabling you to specify various unwanted colour defects including subtle variations.

Multiple sorter configurations

Available in 2 frame sizes to fit modules from 2 up to 5. Easy to upgrade, should you need to increase capacities. The Bühler DA MultiVision is also available with various chutes; flat or channelised - to suit specific products.

* Depending on actual product, contamination, quality requirement and machine set-up.

Why choose the Bühler DA MultiVision?

Long-life LED Lighting

Enhanced defect recognition

AI capabilities

Software to reduce false ejection of good product

High resolution cameras with MultiVision™ technology

Reliable detection of multiple defects

64 powerful, high speed ejectors per chute

Accurate rejection of defects, even at high capacity

Simultaneous resorting capabilities

Easily configured for primary, secondary and tertiary sorting to maximize recovery of good products

Store up to 100 sorting modes

Minimize set-up and configuration during product changeovers



Chickpeas



Lentils



Chana Dal



Pigeon peas



Red Lentils



Red Beans



Sesame Seeds

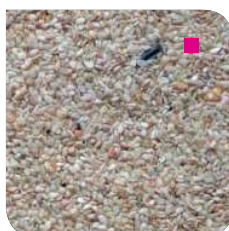


Corn/Maize

Bühler DA MultiVision™.

Sorting Examples

■ Accept ■ Reject



Lentils

Defects removed included lighter and darker colours, lentils with skin on, foreign seeds and stones.

Chickpeas

Defects removed included darker or lighter colours, immature, rotten, yellowish, twigs and stones.

Corn/Maize

Defects removed included black tips, discoloured grains, rotten or partially rotten and split grains.

Sesame

Defects removed included brown, black and sesame discolouration, spot defects and foreign materials.

Mung Beans

Defects removed included black, dark brown, light brown, yellow and red colour defects, foreign seeds and materials.

Features at a Glance

- High processing capacity, available with up to 5 modules.
- High resolution cameras, custom-built in house to detect all common defect types.
- Auto-calibration automatically reviews and adjusts the sorter to remove the need for laborious manual set-up.
- Automatic product tracking, consistently scans and automatically adjusts to changes in the incoming product. Removes the need for manual intervention.
- Bühler Balanced and Stable Performance with consistent accept quality and minimised product re-circulation. Maximising revenue and reducing wear on the optical sorter.
- Sales and Service Support in over 140 countries offering various services and maintenance package options.

Technical Details

Bühler DA MultiVision specifications:

Module	Width mm	Depth (Doors open) mm	Depth (Doors closed) mm	Height mm	Weight kg	Typical air requirements (L/s)* 0.6-0.8 Mpa	Typical power consumption (kW)** (200- 240v, 50/60 Hz single phase)
2	2080	2300	1680	2000	740	20 (1.2 m³/min)	2.45
3	2080	2300	1680	2000	770	30 (1.9 m³/min)	2.6
4	2080	2300	1680	2000	800	40 (2.4 m³/min)	2.75
5	2410	2300	1680	2000	1000	50 (3.0 m³/min)	3.2

* Figures will vary based on contamination levels.

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