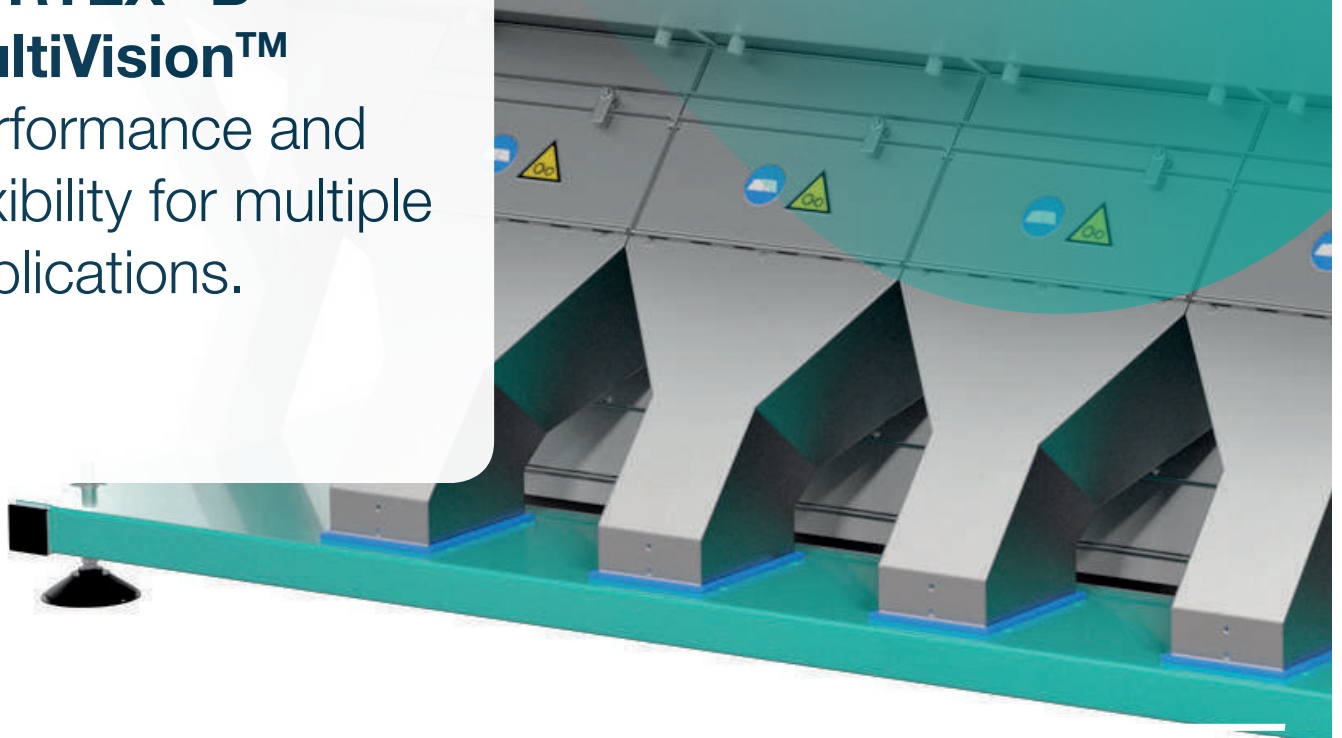


SORTEX® B **MultiVision™**

Performance and
flexibility for multiple
applications.



Bühler in partnership with processors. **An integrated partner in commodity processing.**

Demonstrating a commitment to help processors get the most value from optical sorting, Bühler's SORTEX® B MultiVision™ high capacity sorter delivers truly outstanding performance in mainstream commodity sorting applications.

Suitable for a variety of pulse, nut, plastic and coffee applications, the SORTEX B MultiVision™ is available in three frame sizes designed to suit all capacity requirements.

Incorporating superior feed and vision systems including Bühler's PROsize™ technology, a detection solution which sorts objects based on size characteristics to maximise product uniformity and value. The SORTEX® B MultiVision™ uses up to three visible wavelengths for excellent colour sorting capabilities to deliver extraordinary product quality.

SORTEX® optical sorters are always the first choice for processors who seek assurance, functionality and optimised performance.

Benefits

- Optimised sorting performance
- Trusted Bühler quality and reliability
- Greater configuration flexibility and capacity

Suitable for a variety of commodities.



Kidney Beans



Black Eyed Beans



Peanuts



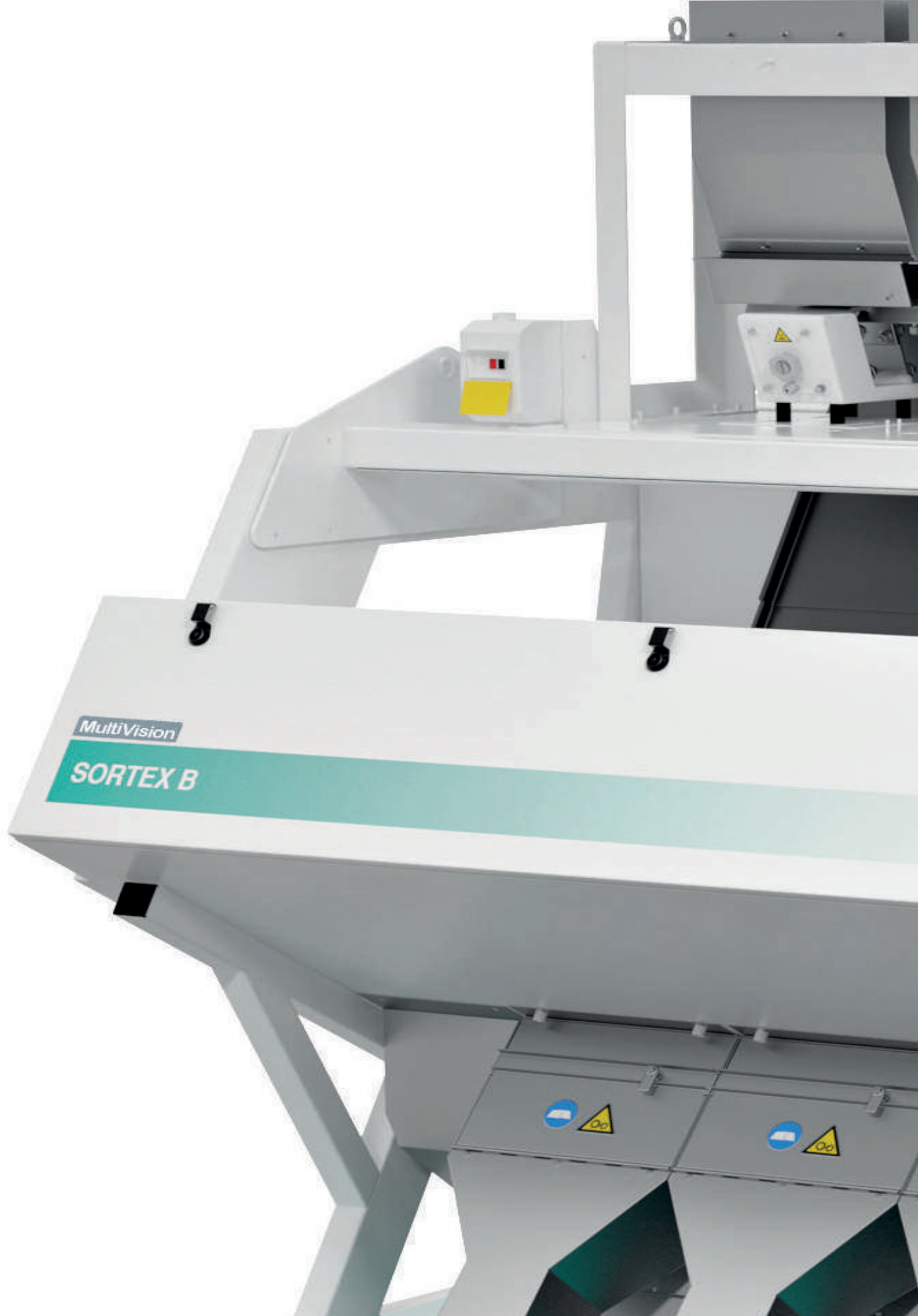
Yellow Lentils



Cashews



Almonds



MultiVision

SORTEX B



Precision and Power

Reliable performance.

Discoloured, damaged, diseased product or by-product together with foreign material can all affect food safety and product value. Bühler's comprehensive product portfolio offers processors dependable solutions for conventional sorting applications to maximise yield, increase profitability and ensure consistent product safety.



Pulses

Bühler experts conduct stringent tests on a variety of pulse products with the SORTEX B MultiVision™ ensuring detection of all defects while delivering excellent yields with little rejection of good product.



Coffee

Bühler trials on coffee showed the SORTEX B MultiVision™ successfully delivers safe, clean produce. Analysis on green and roasted coffee showed outstanding colour separation of all defects.



Nuts

Nut samples tested showed the SORTEX B MultiVision™ successfully removes a variety of subtle colours including subtle yellow defects and insect damaged products.

Suitable for a variety of commodities.



Pumpkin Seeds



Roasted Coffee



Plastics



Red Lentils



Sesame



Chickpeas



Plastics

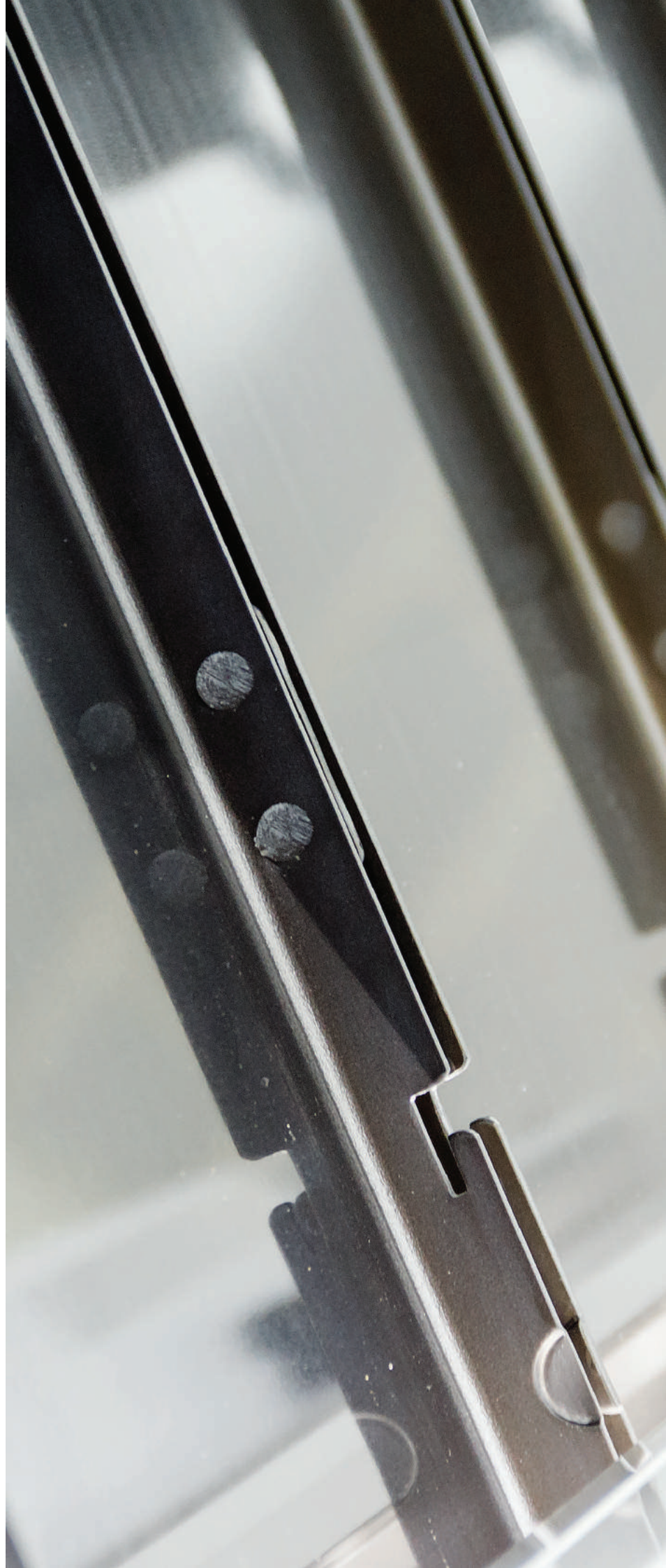
Trials using assorted plastics samples have proven the SORTEX B MultiVision™ delivers excellent efficiency in the removal of unwanted subtle contaminant colours and metals as well as other challenging foreign material.



Green Coffee



Sunflower Seeds



SORTEX B MultiVision™.

At a glance.

1 High capacity

Available with up to 5 chutes and with customised options to meet individual sorting requirements

2 Long life, low energy consumption LED lighting

The SORTEX B MultiVision™ includes Broadband LED lighting for excellent illumination and enhanced defect recognition.

3 Custom built-cameras

High resolution colour cameras with up to three wavelengths for excellent colour sorting capabilities

4 SORTEX ProSortX™ operating software

Intuitive navigation control and user functionality, simple to set up and use

5 Product Modes

Featuring up to 100 user-defined modes





6 Product Tracking

Provides consistent product quality by registering changes in input and product colour variation, adjusting inspection settings automatically

7 Simultaneous re-sorting

Maximises recovery of good product by providing the highest reject concentration

8 Automated Background

Background adjusts as light levels vary delivering consistent operation

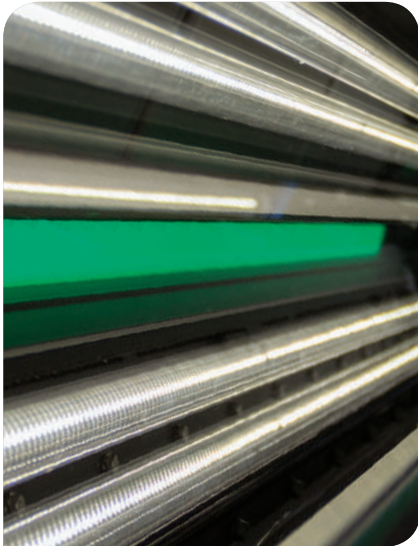
9 Remote access for real-time monitoring

Bühler engineers can monitor the performance of the sorter remotely

10 Low power and air consumption

For reduced operational costs

Innovative Technologies. Bühler's competitive edge.



Flexible broadband LED lighting



SORTEX ProSortX™ operating software



Delicate product is graded with ease

Dynamic inspection and ejection systems

Bühler's high resolution cameras are designed and built in-house with high-resolution optic sensors that deliver the colour registration needed to detect defects and foreign material. When combined with Broadband LED lighting, the sorters can target defects within the visible spectrum.

Bühler ejectors are custom designed and precision built for high speed, easy serviceability and long life. Through constant development, the ejectors' life span has been increased significantly. This efficiency of operation and maintenance enables the low cost of ownership of SORTEX sorters.

SORTEX ProSortX™ operating software

The latest update of Bühler's proprietary operating software comes with a fresh new interface that's modern, clean and intuitive to use. Featuring innovative navigation control, impeccable user functionality and simple, easy set-up.

SORTEX PROsize™ technology

Bühler's PROsize™ technology is a detection solution which sorts objects based on size characteristics to maximise product uniformity and value.

Far advanced from traditional grading solutions, PROsize™ can be employed in situations where product is too delicate or difficult to be sorted using conventional mechanical graders, maximising profitability by distinguishing the premium product.

PROsize™ is an ideal solution to separate under sized products and remove broken produce.



Multiple configurable wavelengths

MultiVision™ Technology

Trusted SORTEX® technology with high resolution colour cameras front and rear, the SORTEX B MultiVision™ is developed to offer processors solutions for conventional and challenging sorting applications.

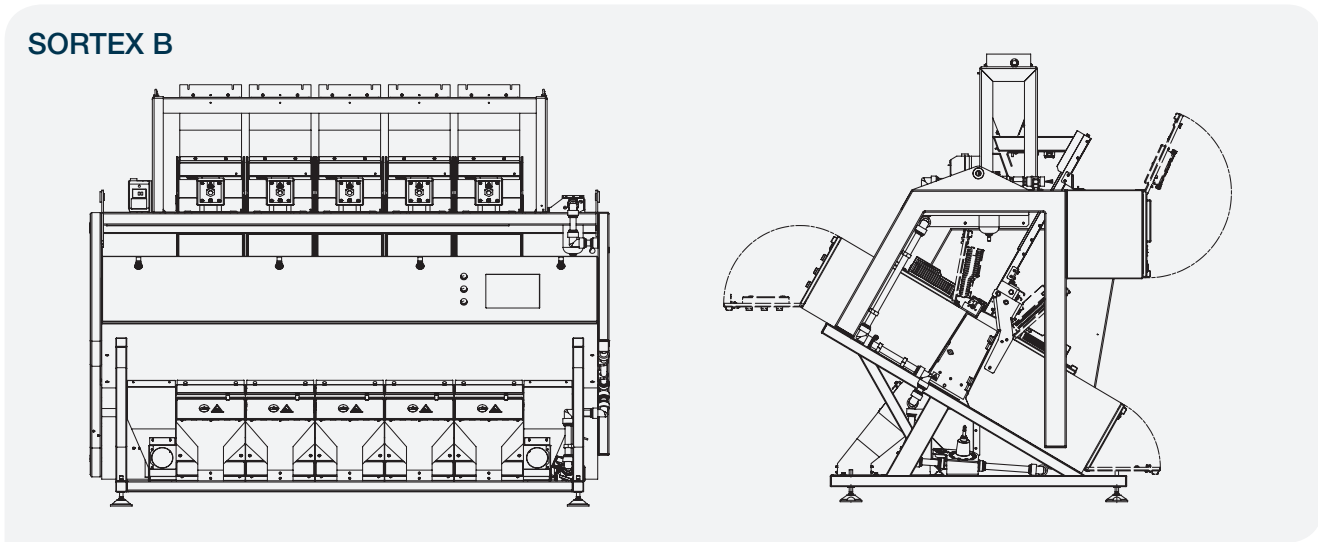
Bühler's unique classifying processors deliver an efficient, robust sorting performance on multiple commodities.

Combining multiple visible wavelengths, the SORTEX B MultiVision™ system classifies the very subtlest of colour variations, unique and specific to each customers sorting requirements.



SORTEX B Sizes and features.

Technical details.



Product options

SORTEX B

- Colour cameras
- PROsize™ technology
- LED Lighting
- Remote Access
- SORTEX TotalCare™
- CE Certification
- Available Modules

SORTEX B MultiVision™



■ Standard
 ● Optional

For the full feature list and product specifications contact your local representative.

Dimensions / Air and power requirements

Machine	Width mm	Depth (Doors Open) mm	Depth (Doors Shut) mm	Height mm	Weight* kg	Typical air requirements (L/s)* 72-102 psi (5-7bar)	Typical Power consumption (kW)** (200-240V; 50/60 Hz single phase)
B1	1000	2340	1625	2088	500	8	0.9
B2	1787	2340	1625	2088	927	16	1.2
B3	1787	2340	1625	2088	970	24	1.5
B4	2387	2340	1625	2088	1107	32	2.1
B5	2387	2340	1625	2088	1150	40	2.9

* Unpacked weight. Figures will vary based on machine specifications

SORTEX Customer Care.

Secure tomorrow's profits today.

Bühler customers have access to a network of over 140 Sales and Service offices worldwide offering customisable service packages, stock on spares and upgrade kits, to ensure your optical sorters perform at their maximum possible efficiency. Training courses and Competence Centres offering application and product trials are also available at regional sites and local offices around the world.

TotalCare™

Create a customised service package, composed of individual service features from the list below. From scheduled visits, downtime cover to refurbishments and preventative maintenance - basic to fully comprehensive. Designed to ensure your optical sorters continue to operate at peak performance.

TotalCare Protect

Minimise Downtime

Based on an agreed number of annual visits, Bühler engineers will replace key wear parts, provide consultation and advise on future maintenance requirements.

TotalCare Perform

Performance Optimisation

Aspiring to keep downtime to under 24 hours, sorters will be safeguarded against any failed components. Bühler engineers will ensure first-rate performance once the repair is carried out.

TotalCare PerformPLUS

Ejector Refurbishment

Making certain that sorters are running at peak performance, ejectors are replaced when the stipulated life-cycle is reached. Performance is maintained for the future.

TotalCare Anyware

Supervised Functionality

Provides a working record of operational information as well as reports that enable machine health to be monitored and preventative maintenance scheduled.

TotalCare AnywarePRO

Remote Access and Assistance

Sorter performance can be viewed remotely by customers and Bühler engineers. Faults can be diagnosed and performance optimised in any location using a laptop, tablet or smart phone.

All contract options are available for variable durations.

SORTEX® Spare Parts Promise

Customer satisfaction is our priority. This is why we strive to deliver both spare and wear parts within 48 hours - maximising your profitability.

SORTEX® Upgrade Kits

Bühler designed various upgrade kits, for existing customers who are seeking to upgrade their sorters with an additional module, new technology features or processing software.

SORTEX® Spare Parts

Various kits to suit different optical sorters are available for customers who wish to have spare parts available on site.

Optical Sorting Training Courses

Available from various regional Bühler locations. From operator to management, basic to advance, speak to your local representative for course selection and availability.

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