

Bühler optical sorting range.

Dependable and reliable sorting solutions that deliver machine performance and quality.



Bühler optical sorting range.

An integral part of the Bühler optical sorting family.

The Bühler optical sorting range is designed to meet the needs of processors who require a competitively priced, dependable and reliable, sorting solution that delivers on machine performance and end product quality.

The range complements the existing SORTEX range of optical sorters are equipped with Bühler proprietary technologies making it an integral part of the Bühler optical sorting family. A first choice for processors seeking the ownership, assurance and functionality of Bühler's optical sorting heritage at an affordable price - exceptional value with no compromise on performance.

Why choose the Bühler optical sorting range?

- Trusted Bühler quality and reliability
- Access to Bühler's optical sorting heritage and expertise
- High capacities and reliable performance
- Extensive sales and service network across Asia, Middle East and Africa

Bühler optical sorting range

The Bühler range of optical sorting solutions offer processors flexibility of choice, without compromising on quality. They are suitable for small, medium or large-scale processing and meet the needs of processors of various applications. Below are just a few of the many commodities sorted through the Bühler range.

Rice sorting



Accept



Reject

Grain sorting



Accept



Reject

Plastic sorting



Accept



Reject

Pulses sorting



Accept



Reject

Seed sorting



Accept



Reject

Nut sorting



Accept



Reject

Oilseed sorting



Accept



Reject

Coffee sorting



Accept



Reject

Spices sorting



Accept



Reject

Bühler W.

High capacity sorting for various dry commodities.



Available with 2, 3, 4, 5, 6 and 7 modules

Offering up to 7 chutes for high processing capabilities, the Bühler W features proprietary processing software, monochromatic inspection technology and LED illumination system. The Bühler W delivers accurate and reliable accept quality and is a cost-effective solution for various dry commodities such as rice, grains, pulses, spices, seeds, coffee, nuts and plastics.

The Bühler W also features optional tertiary sorting capabilities to provide a dependable and reliable colour sort.

- High processing capacity
- Consistent product quality
- Trusted Bühler design and reliability
- Simple ease of use
- Balanced and stable performance

Dimensions and weight

Model	Width (mm)	Depth (mm)	Height (mm)	Weight (Kg)
2/3/4 Module	2,060	1,610	2,000	1,000
5/6/7 Module	2,920	1,620	2,020	1,600

Remarks: ±10mm tolerance is acceptable by real calculation

Bühler W DualVision™.

Simultaneous light and dark colour sorting for grains, pulses, spices & seeds.



Available with 2, 3 or 4 modules

Available with up to 4 modules, the Bühler W DualVision™ is designed to remove both light and dark colour defects simultaneously as well as spot defects.

Featuring Bühler developed processing software and LED illumination detection systems, the Bühler W DualVision™ offers processors entry into Bühler's optical sorting technology and processing expertise, delivering accurate and reliable accept quality and cost-effective operation.

- High processing capacity
- Available with up to 4 modules
- Simultaneously removes both light, dark and spot defects
- Bühler sorting technology

Dimensions and weight

Model	Width (mm)	Depth (mm)	Height (mm)	Weight (Kg)
2/3/4 Module	2,060	1,610	2,000	1,000

Remarks: ±10mm tolerance is acceptable by real calculation

Bühler WB.

Reliable sorting performance for consistent product quality in nuts, coffee and plastics.



Available with 2, 3 or 4 modules

The Bühler WB optical sorter is designed for flexibility and fast product changeovers. Available in various sorting configurations with up to 100 sorting modes, the Bühler WB suits the processing requirements for nuts, coffee, plastics.

A combination of Bühler proprietary technologies including; high definition CCD cameras, customised lighting and high speed ejectors which work together to deliver reliable sorting performance.

- High definition bichromatic cameras detect colour variations, spot defects and foreign material
- Simultaneous resort option allows the recovery of good product from the reject stream
- Graphical User Interface (GUI) stores up to 100 sorting modes for fast product changeovers

Dimensions and weight

Model	Width (mm)	Depth (mm)	Height (mm)	Weight (Kg)
2/3/4 Module	2,060	1,610	2,000	1,000

Remarks: ±10mm tolerance is acceptable by real calculation

Bühler CLV.

Reliable sorting performance at exceptional value for rice and seeds.



The Bühler CLV combines enhanced CCD technology, and Bühler's proprietary inspection and lighting systems to control product quality while minimising yield loss - efficient, reliable sorting performance with real value for money.

The Bühler CLV is also available with optional tertiary sorting for maximum yield and highest reject ratio possible, with minimum good product rejected.

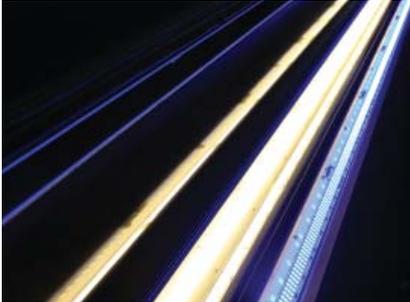
- Available with tertiary sorting as an option
- Long-life LED illumination system
- Removes colour defects as well as general foreign material
- Different machine sizes to accommodate processing capacities

Dimensions and Weight

Model	Width (mm)	Depth (mm)	Height (mm)	Weight (kg)
Bühler CLV240	2,397	1,615	2,000	1,050
Bühler CLV320	2,397	1,615	2,000	1,150

Remarks: ±10mm tolerance is acceptable by real calculation

Bühler optical sorting range. Technologies and Customer Care.



LED lighting as standard

Inspection system with LED lighting

High resolution cameras are built in-house with optic sensors that deliver the colour registration needed to detect defects and foreign material. When combined with the long-life LED advanced lighting system, the Bühler optical sorting range can target defects within the entire visible spectrum.



Tertiary sorting is available for maximum yield

Tertiary sorting

Designed to meet every requirement, the Bühler optical sorting range has flexible sorting configuration with tertiary sorting available as an option to deliver exact customer accept quality requirement; maximising yields and revenue.



High speed ejectors

High speed ejectors

Bühler optical sorter feature 64 powerful ejectors per chute. These are built for high speed, long-life span and reliability, enabling a low cost of ownership of the sorter.



Customer Service

Bühler Customer Care

Bühler's worldwide Customer Care organisation provides the highest quality local support, offering a variety of services and solutions to ensure your optical sorter performs to maximum efficiency, delivering productivity and making a maximum return on investment.

©The Bühler Group 2016.

Bühler Sortex Optical Equipment (Hefei) Co., Ltd.
219 Ming Chuan Road, National Hi-New Technology
Industrial Development Zone
Hefei, Anhui, China
T +86 0551 638 41 262
www.buhlergroup.com/optical-sorting
sales.buhlerhefei@buhlergroup.com

