

VISION SERIES

Proven performance, maximum flexibility.

- Optical resolutions up to 0.09mm in Full-Color or Monochromatic configurations, with optional NIR InGaAs or Low-NIR cameras.
- High capacity 360mm chutes, with 72 high-speed ejectors each.
- High-speed processors with scan rate of 24KHz.
- Easy to use touch-screen interface with auto-calibration and remote assistance.
- IP6X certified, fully dust proof, doesn't require any cooling or heating from 0°C up to 40°C.
- Fully designed in Italy



VISION SERIES

Proven performance,
maximum flexibility



Ever-increasing quality standards, across multiple markets and products, require a flexible and highly-adaptable solution. This is the scenario that led to the development of the Vision series of optical sorters. With more than 600 machines in operation all around the world, and constant upgrades, Vision sorters are a solid and proven choice for more than 100 different applications.

Flexibility

The ASM VISION is a proven and versatile optical sorter. Available in several configurations, and with a wide range of options which can be added even to existing machines. Customers can focus on what they really need and tailor the machine to their precise requirements, saving on options and components that are not needed.

Reliability

The Vision series is built for 24/7 continuous operation, with top-quality and durable components developed and produced exclusively for ELICA ASM in Italy. Elica ASM VISION optical sorters are certified IP6X and are 100% dust proof. This is possible thanks to the special temperature-control system and energy-efficient components that reduce heat, and allow the Elica ASM VISION to work from 0°C to 40°C without any additional cooling or heating.

All optical and electronic components are protected inside pressurized optical boxes, without any exchange of air with the outside, ensuring years of trouble-free operation.



Performance Features

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Model	Height	Width	Depth
V100	1910 mm	896 mm	1703 mm
V200	1910 mm	1368 mm	1703 mm
V300	1910 mm	1670 mm	1703 mm
V400	1910 mm	2068 mm	1703 mm
V500	1910 mm	2414 mm	1703 mm
V600	1910 mm	2820 mm	1703 mm

Models



V100



V200



V300



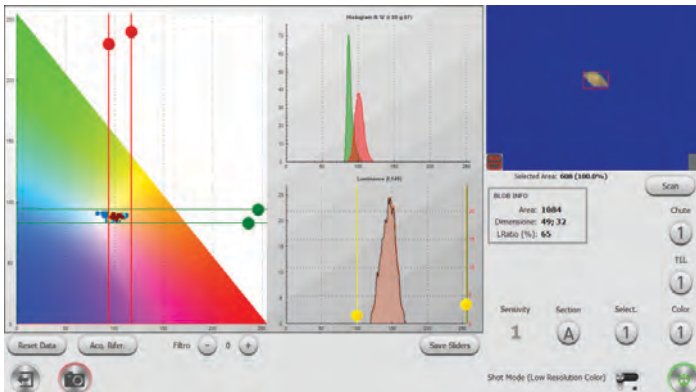
V400



V500



V600



Simplified user interface

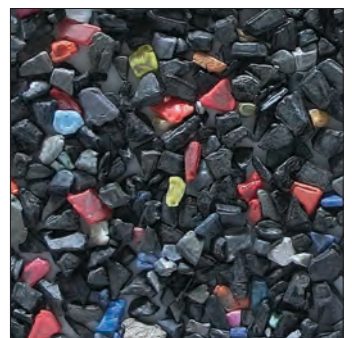
A wide range of applications

The Vision series is used on more than 100 applications, from cereals to seeds, salt to pet-food. Users can process many different products, on the same machine, just by changing the sorting program.

They can easily create and save as many sorting programs as needed, containing all necessary settings, and each machine can be upgraded by adding cameras (up to 4 per chute), in any combination of Full-Color, Monochromatic, NIR InGaAs or Low-NIR. A choice of specialized or multi-purpose chutes is also available, to maximize product flow and performance.

Accepted material

Rejected material



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ELICA systems solutions



MACHINES

- Pre-cleaners
- Fine cleaning and calibration separators
- Destoners
- Gravity tables
- Paddy separator
- Seed treaters
- Optical sorting machines
- Hammer mills



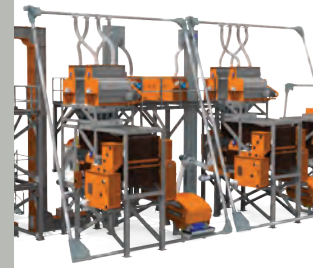
TRANSPORT EQUIPMENT

- Bucket elevators
- Z-elevators
- Chain conveyors
- Closed loop chain conveyors
- Belt conveyors
- Screw conveyors
- Flexible screw conveyors
- Sweep chain conveyors



DEHULLING EQUIPMENT

- Dehullers for:
 - oil crushing plants
 - installations for dehulling a sunflower seeds for kernels
- High performance screen cleaner for separating into fractions
- Hulls beaters



TURN KEY SOLUTIONS

- Complete sunflower kernels processing installation
- Complete sunflower dehulling installation for oil-crushing plants
- Complete feed mill installation
- Complete seed preparation installation
- Complete silo plant with handling equipment
- Complete pulses processing installation