SORTOP POTATOES
High-performance optical sorter

wireworm holes detected
washed or unwashed product
easy and consistent setting

3 quality levels       6 outlets       1 perfect picture at 360°
An ingenious system arranges the potatoes one after the other smoothly and at high speed. The software optimises the sorting rate automatically. A surge hopper installed above the aligner absorbs any variation in the feed stream.

Thanks to the mirror system and powerful circular lighting, each tuber undergoes a thorough all-round analysis. A 360° vision of the potatoes is the only way to guarantee the highest sorting quality and grading precision, whatever the shape of the product.

“The ability to size, sort and grade like a human with the speed and accuracy of a machine.”

Software allows for 3 quality and waste levels easily adjustable with overprinting of detected defects (3 sides of 120°, visualization screen).

Electric controls enclosed in a sealed cabinet. Control computer with factory-set sorting software ready for production. Waterproof and washable monitor, keyboard, and mouse. Assembly on the left- or right-hand side of the machine.

One of the strengths of the software is the sorting severity setting. The principle relies on artificial intelligence to assess the quality, shape, and appearance of each potato. This is the only system that replicates human judgement whilst adding consistency. This setting allows the stable fine-tuning of the sorting severity. This way, you can easily select 3 quality levels in addition to the waste.

Stunning performance thanks to the unrivalled power of Visar Sorting’s sorting software. 20 mm square mesh grading; calibration by the weight of each tuber with a 5% accuracy; three quality levels plus waste.

A nozzle system blows the potatoes towards the various outlets allocated with great precision. The potatoes fall on soft materials, which ensure a smooth landing. The casing is equipped with washable soundproof panels and large doors, which make it easier to clean.

Two three-way conveyor belts for receiving and distributing the six grades. Custom length according to requirements.

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High-end product with high added value

Standard product with consistent quality

Product suitable for processing or animal feed

Foreign bodies, product too damaged

“SortOP POTATOES
Easily sort, calibrate and weigh all types of tubers, whether washed or unwashed!”

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Infrared detection

The HD infrared vision (0.16 mm²) in addition to the colour vision allows the cameras to detect even the slightest defects, such as **wireworm damage**. The entire surface is inspected at once, thanks to the three 120° views. It detects the exact number of defects.

Any tuber type, whether washed or unwashed

The Visar Sorting software can **adapt easily** to plant sorting, for example. The mechanical components are designed to resist against dust. A patented ventilation system, exclusive to Visar Sorting captures and eliminates dust.

Easy to learn and use

The Visar Sortop software is user-friendly and easy to configure. Operators master it in just a few hours. Settings are stable and **automatically adapt to the batches** of potatoes. It’s a breeze! The instant statistics function makes it easier to manage production and exploit the crop’s full potential. The full traceability of each batch is integrated in the software.

- Lower your staff costs
- Reduce food waste
- Sell more at a better price!

Information for an installation visit or demo: +41 21 887 03 01