

OPTICAL GRADER

Type OS

For sorting potatoes on size, shape and color.



Capacity: max 72.000 potatoes on 2 lanes
with 100% filling

Description:

The potatoes are being transported completely through the machine, on a belt that creates a single layer of product. One by one (but with two lanes next to each other), the potatoes will arrive on the rollers of the optical grader and reach the camera area.

In this optical sorting area, the camera's register the potato and possible defects. Because the rollers are turning independently, the complete potato rotates several times in the camera area for the best possible result.

After this area with camera's, the potato is heading to the part of the machine where different valves are mounted.

The different valves each have their own criteria they function on and produce air when needed to blow the product out of the line.

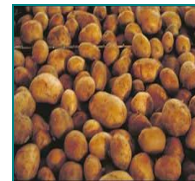
You can install all kind of different functions (dark spot, green, re peel etc.) and due to advanced the machine works very fast and effective.



OPTICAL GRADER

Type OS – Optical sortingmachine

This machine is able to sort out potatoes on quality, color, shape and size.



	OS-24	OS-48
Capacity	Up to 72.000 potatoes/ Hr*	Up to 144.000 potatoes/ Hr*
Product Infeed	Continuously and singled.	Continuously and singled.
Dimensions	3600 x 1200 x 2200 mm.	1245 x 2000 x 22000 Mm
Sorting size	Unlimited	Unlimited
Number of lanes	2	4
Number of cameras	4	8
Power Consumption	3Kw, 220/400V 50Hz	3Kw, 220/400V 50Hz
Water consumption	0 m ³ /St	0 m ³ /St
Materials	Frame stainless steel, Rolls out of food industry quality PVC. Motor and other components, Camera, Airsystem and computer out of normal materials.	Frame stainless steel, Rolls out of food industry quality PVC. Motor and other components, Camera, Airsystem and computer out of normal materials.

Other dimensions or capacities are available on request.

* depending on the product dimension and quality.